

„Im Namen Allahs, des Allerbarmers, des Barmherzigen“

Nuur-Lehre

Physik der Neutronen (n_N),

Proton, Neutron, Elektron und Verknüpfungen

„Und wenn ihm Unsere Verse verlesen werden, so kehrt er sich überheblich (von ihnen) ab, als hätte er sie nicht gehört, als wären seine Ohren schwerhörig. So künde ihm eine schmerzliche Strafe an.“ (31/7),

„Und die, denen das Wissen gegeben wurde, sehen, dass das, was dir von deinem Herrn offenbart worden ist, die Wahrheit ist und zu dem Weg des Allmächtigen, des Preiswürdigen leitet.“ (34/6) „Er zeichnet alle Dinge ganz genau auf.“ (72/24-28),

„Ein unauslöschliches Verzeichnis (Kitabun-Markumun, in gezeichnetes, mit Ziffern versehenes Buch), bezeugt ist es von allen Gott Nahestehenden.“ (83/20-21)

„Darum geh nicht eilig gegen sie vor; Wir zählen ihre (Taten) genau ab.“ (19/84) „Darin sind klare Vorschriften von unveränderlicher Wahrheit.“ (98/3) „Beim dem (Berge! Zustand, Phase!) at-Tur.“ (52/1)

„Wahrlich, Er hat sie gründlich erfasst und Er hat alle genau gezählt.“ (19/94), „Er umfasst, was bei ihnen ist, und hat alles genau gezählt.“ (72/28),

„Und was an Geschöpfen in den Himmeln und auf Erden ist, wirft sich vor Allah in Anbetung nieder; genauso die Engel, und sie betragen sich nicht hochmütig. Sie fürchten ihren Herrn über sich und tun, was ihnen befohlen wird.“ (16/49-50)

„Die Engel sagen: Es gibt unter uns keinen, der nicht seinen ihm zugewiesenen Platz () hätte, um Gott zu dienen. Und wahrlich, wir sind die in Reihen Geordneten. Und wahrlich, wir sind es, die (Allah) preisen.“ (37/164-166),

„Und Wir machten die Nacht (Dunkelheit) und den Tag (Helligkeit) zu zwei Zeichen, indem Wir das Zeichen der Nacht (Dunkelheit) ausgelöscht haben, und das Zeichen des Tages (Helligkeit) haben Wir sichtbar gemacht, damit ihr nach der Fülle eures Herrn trachtet und die Zählung der Jahre und die Rechenkunst kennt. Und jegliches Ding haben Wir durch eine deutliche Erklärung klargemacht.“ (17/12),

„Nun - und beim Schreibrohr und bei dem, was sie niederschreiben!“ (68/1), „Bei dem Berge () und bei dem Buche, das geschrieben ist, auf feinem, ausgebreitetem Pergament;“ (52/1-3)

Vollkommen ist das Wort deines Herrn in Wahrhaftigkeit und Gerechtigkeit. Es gibt niemanden, der Seine Worte abändern könnte. Und Er ist der Allhörende und Allwissende. (6/115)

Feststellung der bevorzugten Zustände mit Raum-Zeit-Einheitsdimensionen, Festlegung der Stabilsten Zustände, die Physikalische Grundgleichungen

Energie

$$\begin{aligned}
 r &= mc^2 = L^2 \times \epsilon_0 / (m \times e^2) & = \\
 &= L^2 \times \epsilon_0 / (m e^2) & = \\
 &= L \omega & = \\
 &= t^2 / m & =
 \end{aligned}$$

$$\begin{aligned}
 r^2 &= e^2 / \epsilon_0 & = \\
 &= & =
 \end{aligned}$$

Elementar Ladung, Kraft

$$\begin{aligned}
 e &= 1,6e-19 & = \\
 e^2 &= r^2 \times \epsilon_0 & = \\
 &= & =
 \end{aligned}$$

Drehimpuls

$$\begin{aligned}
 L &= m c r = t \times r & = \\
 &= & =
 \end{aligned}$$

Kraft, Gleichgewicht, Mim,

$$\begin{aligned}
 F, GG &= m a = m v^2 / r = m \omega^2 r = G_G m_1 m_2 / r^2 & = \\
 &= 4di^2 m r / T^2 & = \\
 &= & =
 \end{aligned}$$

Beschleunigung

$$\begin{aligned}
 a &= v^2/r = \omega^2 r = G_G m / r^2 & = \\
 &= 4di^2 r / T^2 & = \\
 &= v \times \omega & =
 \end{aligned}$$

Geschwindigkeit

$$\begin{aligned}
 v &= 2di r / T_{um} = \omega r = & = \\
 &= & =
 \end{aligned}$$

$$\begin{aligned}
 v^2 &= a r = (2di r / T_{um})^2 = \omega^2 r^2 = & = \\
 &= & =
 \end{aligned}$$

Winkelgeschwindigkeit

$$\begin{aligned}
 \omega &= 2di / T_{um} = & = \\
 &= & =
 \end{aligned}$$

$$\begin{aligned}
 &= 4di^2 r^3 = G_G m T^2 & = \\
 &= & =
 \end{aligned}$$

$$\begin{aligned}
 r^3_{Gr} &= 1,318359375e-28 m^3 & = \\
 &= & =
 \end{aligned}$$

Winkelbeschleunigung, Gravitationsfeld,

$$\begin{aligned}\omega^2 &= v^2 / r^2 = G_G m / r^3 = a / r & = \\ \omega_{\text{p}}^2 &= c^4 m / r^3 = c^2 / r^2 & = \\ \omega^2 &= (2di / T_{\text{um}})^2 = 4di^2 / T_{\text{um}}^2 & = \\ &= & =\end{aligned}$$

$$\begin{aligned}m &= (4di^2 / G_G) (r^3 / T^2) & = \\ &= & =\end{aligned}$$

$$\begin{aligned}T^2 &= 4di^2 / \omega^2 & = \\ &= & =\end{aligned}$$

1.1 Die Feststellung der Einheit und Einheitsdimension der Neutronen nach Nuur-Lehre! Spin-Wert (s^2 , $1/s^2$), Winkelbeschleunigung und s^2 -Kopplung, Gravitation Potential, Gravitation Feld, N-Perioden

Gradientwerte der Impuls-Zeit-Quadrateneinheit, Massenmittelpunkt, Mag. Permeabilität, Größe der Winkelbeschleunigung, Magnetische Feldeinheit, Mag. Permeabilität, Derivate und Gradienten und Verknüpfungen

Atomare Größe der Neutronen nach Nuur-Lehre!

$$\begin{aligned}
 n_N &= 1,6666667e-27 \text{ s}^2/\text{m} \times 1,00663296 \text{ m} &= 1,6777216e-27 \text{ s}^2 \\
 &= \\
 &= 1,6777216e-27 \text{ s}^2 / 1,68e-27 &= 0,99864380952380952380 \text{ s}^2 \\
 &= 1,6777216e-27 \text{ s}^2 \times 5,952380952380952380e+26 &= 0,99864380952380952380 \text{ s}^2 \\
 &= 1 / 1,0013580322265625 / \text{s}^2 &= 0,99864380952380952380 \text{ s}^2 \\
 &= 1,00663296 \text{ m} / 1,008 \text{ m/s}^2 &= 0,99864380952380952380 \text{ s}^2 \\
 &= \\
 &= 0,99864380952380952380 \text{ s}^2 \times (\text{Nun})^5 &= 9,9864380952380952380e+29 \text{ s}^2 \\
 &= \\
 &= 1,9753086419753e+30 \text{ s}^3/\text{m}^4 / 9,9864380e+29 \text{ s}^2 &= 1,9779911747685185185 \text{ s/m}^4 \\
 &= \\
 \omega_{Gr}^2 &= 0,50625 \times 1,9779911747685185185 \text{ s/m}^4 &= 1,0013580322265625 / \text{s}^2 \\
 \omega_{Gr}^2 &= 1,68e-27 / 1,6777216e-27 \text{ s}^2 &= 1,0013580322265625 / \text{s}^2 \\
 \omega_{Gr}^2 &= 1,008 \text{ m/s}^2 / 1,00663296 \text{ m} &= 1,0013580322265625 / \text{s}^2 \\
 &= \\
 &= 1,6777216e-27 \times 9,e+16 &= 1,50994944e-10 \text{ m}^2 \\
 &= 1,5e-10 \text{ m} \times 1,00663296 \text{ m} &= 1,50994944e-10 \text{ m}^2 \\
 &= \\
 \omega_{Gr}^2 &= 1 / 1,6777216e-27 \text{ s}^2 &= 5,9604644775390625e+26 / \text{s}^2 \\
 &= 6,e+26 / 1,00663296 \text{ m} &= 5,9604644775390625e+26 / \text{s}^2 \\
 &= \\
 &= 1,6777216e-27 \text{ s}^2 \times E &= 1,048576e-8 \text{ s}^2 \\
 &= \\
 \text{Mim} &= 1,048576e-8 \times 1,0013580322265625 / \text{s}^2 &= 1,05e-8 \\
 &= \\
 \text{Mim} &= 9,765625 \times 1,0013580322265625 &= 9,7788870334625244140625 \\
 \text{Mim} &= 5,82076609134674072265625e+27 \times 1,68e-27 &= 9,7788870334625244140625 \\
 &= \\
 \text{Mim} &= 9,765625 \times 5,9604644775390625e+26 &= 5,82076609134674072265625e+27 \\
 \text{Mim} &= 1 / 1,7179869184e-28 &= 5,82076609134674072265625e+27 \\
 &= \\
 \text{Mim} &= 4,e+36 / 5,9604644775390625e+26 / \text{s}^2 &= 6,7108864e+9 \\
 \text{Mim} &= (1,6384)^2 \times (\text{HL})^2 &= 6,7108864e+9 \\
 \text{Mim} &= 1,6777216e-27 \text{ s}^2 / 2,5e-37 \text{ s}^2 &= 6,7108864e+9 \\
 \text{Mim} &= 2,68435456 \times 2,5e+9 &= 6,7108864e+9 \\
 \text{Mim} &= 6,5104167e+10 / 9,70127681891123453776041667 &= 6,7108864e+9 \\
 &= 1,5625e+10 / 2,3283064365386962890625 &= 6,7108864e+9 \\
 &= \\
 &=
 \end{aligned}$$

$$\begin{aligned}
\text{Mim} &= 1 / 6,7108864e+9 &= 1,490116119384765625e-10 \\
\text{Mim} &= 2,5e-37 \text{ s}^2 \times 5,9604644775390625e+26 / \text{s}^2 &= 1,490116119384765625e-10 \\
\text{Mim} &= 1,5e-10 \text{ m} / 1,00663296 \text{ m} &= 1,490116119384765625e-10 \\
&= &
\end{aligned}$$

$$\begin{aligned}
\text{Mim} &= 3,2 / 1,37438953472 &= 2,3283064365386962890625 \\
\text{Mim} &= 4,398046511104 & \\
\text{Mim} &= 1,4210854715202003717422485351562 & \\
\text{Mim} &= 1,1920928955078125 & \\
\text{Mim} &= 1,0471539312152380952380952380952 & \\
\text{Mim} &= 2,1504 & \\
&= & \\
&= 2 \times 1,0013580322265625 / \text{s}^2 &= 2,002716064453125 / \text{s}^3 \\
&= &
\end{aligned}$$

$$\begin{aligned}
&= 4di \times \omega^2 / E^2 = 5,e+37 / 3,90625e+37 &= 1,28 / \text{s}^3 \\
&= 4 di \times \rho \times c^4 / E^2 = 5,e+37 / 3,90625e+37 &= 1,28 / \text{s}^3 \\
&= 8 \text{ s}^3 / 6,25 &= 1,28 / \text{s}^3 \\
&= &
\end{aligned}$$

$$\begin{aligned}
\text{Mim} &= (1,28 \text{ s}^3)^2 &= 1,6384 \\
&= & \\
\text{Mim} &= 1,6384 \times 3,2 &= 5,24288 \\
&= 1,953125 \times 1,28 &= 2,5 \text{ s}^3
\end{aligned}$$

$$\begin{aligned}
\text{Mim} &= (2,5 \text{ s}^3)^2 &= 6,25 \\
&= 1,1920928955078125 \times 5,24288 &= 6,25 \\
&= &
\end{aligned}$$

$$\begin{aligned}
&= 6,25 \times 1,28 \text{ s}^3 &= 8 \text{ s}^3 \\
\text{Mim} &= 64 & \\
&= 6,25 \times 8 \text{ s}^3 &= 50 \text{ s}^3 \\
&= & \\
&= 1000 \text{ s}^3 &
\end{aligned}$$

$$\begin{aligned}
\text{Mim} &= (50 \text{ s}^3)^2 &= 2.500 \\
&= &
\end{aligned}$$

1.2 Winkelbeschleunigung, Spin-Wert, s²-Kopplung, s³-Kopplung,

	$= 1,68e-27 / 1,6777216e-27 \text{ s}^2$	$= 1,0013580322265625 / \text{s}^2$
	$= 1,008 \text{ m/s}^2 / 1,00663296 \text{ m}$	$= 1,0013580322265625 / \text{s}^2$
	$= 1 / 0,99864380952380952380952380952381$	$= 1,0013580322265625 / \text{s}^2$
	$= 1,62760416667 / \text{m} / 1,6 \text{ 253968 253968 s}^2/\text{m}$	$= 1,0013580322265625 / \text{s}^2$
	$= 9,7788870334625244140625 / 9,765625 \text{ s}^2$	$= 1,0013580322265625 / \text{s}^2$
	$= 1,0013580322265625 / \text{s}^2 \times (\text{Nun})^5$	$=$
	$=$	$=$
	$= 1,0013580322265625 / \text{s}^2 + 1,0013580322265625$	$= 2,002716064453125 / \text{s}^3$
	$= 2 \times 1,0013580322265625 / \text{s}^2$	$= 2,002716064453125 / \text{s}^3$
	$= 6,008148193359375 \text{ m} / 3 \text{ ms}^3$	$= 2,002716064453125 / \text{s}^3$
	$=$	$=$
Mim	$= 2,002716064453125 \times 1,28$	$= 2,5634765625$
Mim	$= 1,56462192535400390625 \times 1,6384$	$= 2,5634765625$
	$=$	$=$
Mim	$= 2,002716064453125 / \text{s}^3 \times 2,5$	$= 5,0067901611328125$
	$=$	$=$
Mim	$= 2,002716064453125 \times 8$	$= 16,021728515625$
	$=$	$=$
Mim	$= 2,002716064453125 \times 50$	$= 100,13580322265625$
	$=$	$=$
	$= 2,002716064453125 / \text{s}^3 \times (\text{Nun})^5$	$= 2,002716064453125e+30 / \text{s}^3$
	$=$	$=$
Mim	$= 8 \times 2,002716064453125e+30 / \text{s}^3$	$= 1,6021728515625e+31$
	$=$	$=$
L _{Gr}	$= 2,002716064453125 / \text{s}^3 + 1,0013580322265625$	$= 3,0040740966796875 \text{ ms}$
	$= 3 \times 1,0013580322265625$	$= 3,0040740966796875 \text{ ms}$
	$= x (\text{Nun})^5$	$=$
	$= 4 \times 1,0013580322265625$	$= 4,00543212890625 \text{ s}^2$
	$= 4,2 / 1,048576$	$= 4,00543212890625 \text{ s}^2$
	$= 5,25 / \text{s}^2 / 1,31072 / \text{s}^2$	$= 4,00543212890625 \text{ s}^2$
	$= 4,032 \text{ ms}^2 / 1,00663296 \text{ m}$	$= 4,00543212890625 \text{ s}^2$
	$= x (\text{Nun})^5$	$=$
	$=$	$=$
Mim	$= 5 \times 1,0013580322265625$	$= 5,0067901611328125$
Mim	$= 1,1920928955078125 \times 4,2$	$= 5,0067901611328125$
Mim	$= 1,56462192535400390625 \times 3,2$	$= 5,0067901611328125$
Mim	$= 6,008148193359375 / 1,2 \text{ m}$	$= 5,0067901611328125$
Mim	$= 2,002716064453125 / \text{s}^3 \times 2,5$	$= 5,0067901611328125$
Mim	$= 9,7788870334625244140625 / 1,953125$	$= 5,0067901611328125$
	$= x (\text{Nun})^5$	$=$

r_{Gr}	$= 6 \text{ ms}^2 \times 1,0013580322265625$	$= 6,008148193359375 \text{ m}$
	$= 5,0067901611328125 \times 1 \text{ 2 m}$	$= 6,008148193359375 \text{ m}$
	$= 1,56462192535400390625 \times 3,84 \text{ m}$	$= 6,008148193359375 \text{ m}$
	$= 16,021728515625 \times 0,375 \text{ m}$	$= 6,008148193359375 \text{ m}$
	$= x \text{ (Nun)}^5$	$=$
	$= 6,008148193359375 \text{ m} \times \text{Nun}$	$= 6,008148193359375\text{e}+6 \text{ m}$
	$= x \text{ (Nun)}^5$	$=$
	$=$	
	$= 7 / \text{ms} \times 1,0013580322265625 / \text{s}^2$	$= 7,0095062255859375 / \text{ms}^3$
	$= x \text{ (Nun)}^5$	$=$
	$=$	
	$= 8 \times 1,0013580322265625 / \text{s}^2$	$= 8,0108642578125 \text{ s}$
	$= x \text{ (Nun)}^5$	$=$
	$= 9 \times 1,0013580322265625 / \text{s}^2$	$= 9,012222900390625 \text{ m}^2/\text{s}^2$
	$= x \text{ (Nun)}^5$	$=$
	$= 10 \times 1,0013580322265625$	$= 10,013580322265625 / \text{s}$
	$=$	

1.3 Neutron und Einheitsdimension!

$$\begin{aligned}
 n_N &= 1,6666667e-27 \text{ s}^2/\text{m} \times 1,00663296 \text{ m} &= 1,6777216e-27 \text{ s}^2 \\
 &= 1,6777216e-27 \times \text{Mim} &= \\
 n_{NK} &= 1,6777216e-27 \text{ s}^2 \times E^2 &= 6,5536e+10 \text{ s}^2 \\
 &= \\
 \text{Mim} &= 1,0013580322265625 \times 6,5536e+10 \text{ s}^2 &= 6,5625e+10 \\
 \text{Mim} &= 4,2 \times (2500)^3 &= 6,5625e+10 \\
 &= \\
 m_{Kaf} &= 6,5536e+10 \text{ s}^2 / 1,00663296 \text{ m} &= 6,510416667e+10 \text{ s}^2/\text{m} \\
 &= \\
 n_{Gr} &= 1,6777216e-27 \times 1,25e+44 &= 2,097152e+17 \text{ s}^2 \\
 m_{Gr} &= 2,097152e+17 \text{ s}^2 / 1,00663296 \text{ m} &= 2,08333333e+17 \text{ s}^2/\text{m} \\
 &= \\
 &= 2,08333333e+17 \text{ s}^2/\text{m} \times 6,48e-11 &= 1,35e+7 \\
 &= 6,48e-11 \times 6,5536e+10 / 9,e+16 &= 4,718592e-17 \text{ m}^2 \\
 &= \\
 r_N^2 &= 6,48e-11 \times 2,097152e+17 \text{ s}^2 / c^2 = &= 1,50994944e-10 \text{ m}^2 \\
 &= 1,6777216e-27 \text{ s}^2 \times 9,e+16 \text{ m}^2/\text{s}^2 &= 1,50994944e-10 \text{ m}^2 \\
 &= 1,5e-10 \text{ m} \times 1,00663296 \text{ m} &= 1,50994944e-10 \text{ m}^2 \\
 &= \\
 &= 1,50994944e-10 \text{ m}^2 \times 1,5625e+10 &= 2,359296 \text{ m}^2 \\
 &= 1,6384 \times 1,44 \text{ m}^2 &= 2,359296 \text{ m}^2 \\
 &= 16,777216 \times 0,140625 &= 2,359296 \text{ m}^2 \\
 &= \\
 &= \sqrt{1,6777216e-27} &= 4,096e-14 \text{ s} \\
 &= \\
 &= 4,096e-14 \text{ s} \times 4,e+14 &= 16,384 \text{ s} \\
 &= \\
 &= 4,096e-14 \text{ s} \times E &= 2,56e+5 \text{ s} \\
 &= \\
 &= 4,096e-14 \text{ s} \times 9,e+16 &= 3686,4 \text{ m}^2/\text{s} \\
 &= \\
 &= 4,096e-14 \text{ s} / 9,e+16 &= 4,5511111e-31 \text{ s}^3/\text{m}^2 \\
 &= \\
 \text{Mim} &= 4,096e-14 \text{ s} \times 2 &= 8,192e-14 \\
 &= 8,192e-14 / 9,e+16 &= 9,1022222e-31 \text{ s}^2/\text{m}^2 \\
 &= \\
 \text{Mim} &= 9,1022222e-31 \text{ s}^2/\text{m}^2 \times E &= 5,68888889e-12 \text{ s}^2/\text{m}^2 \\
 &= &= 5,12e+5 \\
 &= 9,13235966765729e-31 \times 9,e+16 &= 8,2191237008915640239850091069402e-14 \\
 &= 8,2191237008915640e-14 \times 6,25e+18 &= 5,1369523130572275149906306918376e+5 \\
 &=
 \end{aligned}$$

1.6. Gravitationsfeldparameter der Neutronen Einheit, Kopplungsparameter, (1,0013580322265625 /s²)

	= (1,0013580322265625) ²	= 1,0027179087046533823013305664063
	=	
Mim	= (1,0013580322265625) ³	= 1,0040796319388256563343020388857
	=	
	= (1,0013580322265625) ⁴	= 1,0054432044370335952291652115154
	=	
	= (1,0013580322265625) ⁵	= 1,006808628710637354841826889125
	=	
	= (1,0013580322265625) ⁶	= 1,0081759072744075990523512206852
	=	
Mim	= 1,048576 / 1,0013580322265625	= 1,0471539312152380952380952380952
Mim	= 10,24 / 9,7788870334625244140625	= 1,0471539312152380952380952380952
Mim	= 2,68435456e+12 / 2,5634765625e+12	= 1,0471539312152380952380952380952
Mim	= 1 / 0,954969436861574649810791015625	= 1,0471539312152380952380952380952
Mim	= 3,1414617936457142857142857142857 / 3	= 1,0471539312152380952380952380952
	=	
Mim	= 1,5 / 1,008	= 1,4880952380952380952380952380952
	= 1 / 0,672	= 1,4880952380952380952380952380952
	=	
Mim	= (1,25) ² x 1,0013580322265625	= 1,56462192535400390625
Mim	= 1,488095238095238095238 x 3,2	= 4,7619047619047619047619047619048
	=	
Mim	= 1,0013580322265625 /s ² x 26,2144 s ²	= 26,25
	=	

1.7. Neutron, Magnetische Größe, Magnetische Feldkonstante, Verknüpfungen, Gradientwerten der 1,0013580322265625 /s²

$$\begin{aligned}
 n_N &= 1,6666667e-27 \text{ s}^2/\text{m} \times 1,00663296 \text{ m} &= 1,6777216e-27 \text{ s}^2 \\
 &= \\
 Mim &= (1,6777216e-27 \text{ s}^2)^3 &= 4,722366482869645213696e-81 \\
 &= 4,8828125e+81 \times 4,722366482869645213696e-81 &= \\
 &= 1,68e-27 / 1,6777216e-27 \text{ s}^2 &= 1,0013580322265625 /\text{s}^2 \\
 &= 1,008 \text{ m/s}^2 / 1,00663296 \text{ m} &= 1,0013580322265625 /\text{s}^2 \\
 &= 3,145728 \text{ ms} / 3,1414617936457142857\text{ms}^3 &= 1,0013580322265625 /\text{s}^2 \\
 &= 1 / 0,99864380952380952380952380952381 &= 1,0013580322265625 /\text{s}^2 \\
 &= 1,62760416667 /\text{m} / 1,6 253968 253968 \text{ s}^2/\text{m} &= 1,0013580322265625 /\text{s}^2 \\
 &= 9,7788870334625244140625 / 9,765625 &= 1,0013580322265625 /\text{s}^2 \\
 &= \\
 &= 1,0013580322265625 /\text{s}^2 \times Mim & \\
 &= 1,0013580322265625 \times 1,6384 &= 1,640625 /\text{s}^2 \\
 &= 1,0013580322265625 \times 1,953125 &= 1,9557774066925048828125 /\text{s}^2 \\
 &= 1,0013580322265625 \times 3,2 &= 3,204345703125 /\text{s}^2 \\
 &= 1,0013580322265625 \times 4,2 &= 4,2057037353515625 /\text{s}^2 \\
 &= 1,0013580322265625 \times 6,25 &= 6,258487701416015625 /\text{s}^2 \\
 &= 1,0013580322265625 \times 10,24 &= 10,25390625 /\text{s}^2 \\
 &= 12,223608791828155517578125 & \\
 &= \\
 &= 1,0013580322265625 \times 20 &= 20,02716064453125 \\
 &= 1,0013580322265625 \times 26,25 &= 26,285648345947265625 \\
 &= 1,0013580322265625 \times 32,768 &= 32,8125 \\
 &= 1,0013580322265625 \times 39,0625 &= 39,11554813385009765625 \\
 &= 1,0013580322265625 \times 64 &= 64,0869140625 \\
 &= \\
 &= (1,0013580322265625 /\text{s}^2)^n & \\
 &= (1,0013580322265625)^2 &= 1,0027179087046533823013305664063 \\
 &= \\
 Mim &= (1,0013580322265625)^3 &= 1,0040796319388256563343020388857 \\
 &= \\
 &= (0,32 /\text{s})^2 &= 0,1024 /\text{s}^2 \\
 &= \\
 &= (1,024 /\text{s})^2 &= 1,048576 /\text{s}^2 \\
 &= 1,4 /\text{ms}^3 \times 3,75 \text{ ms} &= 5,25 /\text{s}^2 \\
 &= 4,1666667 \text{ s}^2/\text{m} \times 4,032 \text{ m/s}^2 &= 16,8 /\text{s}^2 \\
 &= \\
 &= 1,1010048 \times 1,190476190476190476190 \text{ s}^2 &= 1,31072 \text{ s}^2 \\
 &= \\
 &= 9,7012768189112345377604166666667 \times 1,008 = & \\
 &= \\
 &= 0,99864380952380 \text{ s}^2 + 0,99864380952380 \text{ s}^2 &= 1,9972876190476190476190 \text{ s} \\
 &= \\
 &= 1,9972876190476 + 1,98412698412698412 = 3,9814146031746031746031746031746 \text{ s}^2 \\
 &=
 \end{aligned}$$

$$\begin{aligned}
&= (1,00663296 \text{ m})^2 &&= 1,0133099161583616 \text{ m}^2 \\
&= 687,19476736 / 678,168402777778 &&= 1,0133099161583616 \text{ m}^2 \\
&= \\
\text{Mim} &= 43,98046511104 \text{ s} / 32 \text{ s} &&= 1,37438953472 \\
\text{Mim} &= 1,1920928955078125 \times 1,6384 &&= 1,37438953472 \\
\text{Mim} &= (1,024)^3 \times 8 / 6,25 &&= 1,37438953472 \\
&= \\
\text{Mim} &= 1,6384 \times 1,56462192535400390625 &&= 2,5634765625 \\
&= \\
&= 4di \times 1,048576e-8 \text{ s}^2 &&= 1,31072e-7 \text{ s} \\
&= 1,31072 \text{ s}^2 / 1,e+7 \text{ s} &&= 1,31072e-7 \text{ s} \\
&= \\
&= 1,1010048 \times 1,190476190476190476190 \text{ s}^2 &&= 1,31072 \text{ s}^2 \\
&= \\
&= 1,6777216e-27 \text{ s}^2 \times 6,25e+18 &&= 1,048576e-8 \text{ s}^2 \\
&= 1 / 1,048576e-8 &&= 9,5367431640625e+7 / \text{s}^2 \\
&= \\
&= 9,5367431640625e+7 / \text{Nun} &&= 95,367431640625 / \text{s}^2 \\
&= (9,765625)^2 &&= 95,367431640625 \\
&= (3,125 \text{ s})^4 &&= 95,367431640625 \\
&= \\
&= 4 \times 3,141461793645714 \times 1,048576e-8 &&= 1,3176245766935394011428571e-7 \text{ ms}^3 \\
&= 4 zi \times 1,048576e-8 \text{ s}^2 &&= 1,3176245766935394011428571e-7 \text{ ms}^3 \\
&= \\
&= 1,317624576693539401e-7 \text{ ms}^3 / 1,31072e-7 \text{ s} = 1,00526777396662857142857 \text{ ms}^2 \\
&= \\
&= 1,00526777396662857142857 \text{ ms}^2 \\
&= \\
&= 1,0013580322265625 / \text{s}^2 \times E^2 &&= 3,911554813385009765625e+37 / \text{s}^2 \\
&= 9,7788870334625244140625 \times 4,e+36 &&= 3,911554813385009765625e+37 / \text{s}^2 \\
&= \\
&= 9,7788870334625244140625 \times 6,e+26 &&= 5,8673322200775146484375e+27 \text{ m/s}^2 \\
&= 5,859375e+27 \times 1,0013580322265625 &&= 5,8673322200775146484375e+27 \text{ m/s}^2 \\
&= \\
&= E^3 \times n^2 && \\
&= 2,81474976710656e-54 \times E^3 &&= 687,19476736 / \text{s}^2 \\
&= (1,31072)^2 \times 400 &&= 687,19476736 \\
&= \\
&= E^3 \times (m_p)^2 = 2,44140625e+56 \times 2,7777778e-54 &&= 678,168402777778 \text{ s}^2 \\
&= 1,6954210069444 \times 400 &&= 678,168402777778 \\
&= \\
&= 1,6582870593325348571428571428571 \\
&= \\
\text{Mim} &= 1,6777216e-27 \text{ s}^2 / 2,5e-37 \text{ s}^2 &&= 6,7108864e+9 \\
\text{Mim} &= 2,68435456 \times 2,5e+9 &&= 6,7108864e+9 \\
\text{Mim} &= 6,5104167e+10 / 9,70127681891123453776041667 &&= 6,7108864e+9 \\
&= 2,7755575615628913510590791702271 \\
&= 1,0471539312152380952380952380952 \\
&=
\end{aligned}$$

1.8. Neutron Verknüpfung mit c, Lam (L)-Einheiten, Drehimpuls,

$$n_N = 1,6666667e-27 \text{ s}^2/\text{m} \times 1,00663296 \text{ m} = 1,6777216e-27 \text{ s}^2$$

$$L_n = 1,6777216e-27 \text{ s}^2 \times 3,e+8 \text{ m/s} = 5,0331648e-19 \text{ ms}$$

$$L_{Gr} = 5,0331648e-19 \times E = 3,145728 \text{ ms}$$

$$L_{Gr} = 6,291456 \text{ m} / 2 / \text{s} = 3,145728 \text{ ms}$$

$$= 0,98304 \text{ ms} \times 3,2 = 3,145728 \text{ ms}$$

$$L_{Gr} = 1,00663296 \text{ m} \times 3,125 \text{ s} = 3,145728 \text{ ms}$$

$$= 3,75 \text{ ms} / 1,1920928955078125 = 3,145728 \text{ ms}$$

$$= 75 \text{ ms} / 23,84185791015625 = 3,145728 \text{ ms}$$

$$= 3,125 \text{ s} \times 1,00663296 \text{ m} = 3,145728 \text{ ms}$$

=

$$= 3,145728 \text{ ms} \times 2 / \text{s} = 6,291456 \text{ m}$$

=

$$= 1,171875 / 400 = 2,9296875e-3 \text{ ms}$$

=

$$\text{Mim} = 5,0331648e-19 / 7,5e-29 = 6,7108864e+9$$

$$\text{Mim} = (1,6384)^2 \times (\text{HL})^2 = 6,7108864e+9$$

=

$$\text{Mim} = 1,50994944e-10 \text{ m}^2 / (0,375 \text{ m})^2 = 9,31322574615478515625e+8$$

$$\text{Mim} = (\text{HL})^2 / ((1,6384)^2) = 9,31322574615478515625e+8$$

=

$$\rho_{GRN} = 3,3140179753086419753086419753086e+12 \text{ s}^2/\text{m}^4$$

$$= 1,6777216e-27 \text{ s}^2 \times 9,e+16 \text{ m}^2/\text{s}^2 = 1,50994944e-10 \text{ m}^2$$

$$= 1,5e-10 \times 1,00663296 = 1,50994944e-10 \text{ m}^2$$

=

Kugelvolumen !

$$= 4,166666667 \text{ s}^2/\text{m} \times r^3 =$$

$$= 4,166666667 \text{ s}^2/\text{m} \times (1,2 \text{ m})^3 = 7,2 \text{ s}^2\text{m}^2$$

$$= 4,166666667 \times (24 \text{ m})^3 = 5,76e+4 \text{ s}^2\text{m}^2$$

$$= 4,166666667 \times (150 \text{ m})^3 = 1,40625e+7 \text{ s}^2\text{m}^2$$

=

1.9. Die Bestimmung der Massengradienten, Proton-Neutron Kern Größen, Kaf und Gradienten, Proton-Neutron und Verknüpfungen, Beschleunigung,

$$\begin{aligned}
 a_p &= 9.000 / 1,5e-23 \text{ m/s} && = 6,e+26 \text{ m/s}^2 \\
 a_p &= 1,008 \text{ m/s}^2 / 1,68e-27 && = 6,e+26 \text{ m/s}^2 \\
 a_p &= 1,00663296 \text{ m} / 1,6777216e-27 \text{ s}^2 && = 6,e+26 \text{ m/s}^2 \\
 &= 1 \text{ m}_p = 1 / 1,66667e-27 \text{ s}^2/\text{m} && = 6,e+26 \text{ m/s}^2 \\
 &= && \\
 &= 6,e+26 / E && = 9,6e+7 \text{ m/s}^2 \\
 &= 4,740740740e+10 / 493,827160493827160 && = 9,6e+7 \text{ m/s}^2 \\
 &= && \\
 &= \text{Mim} \times 9,6e+7 \text{ m/s}^2 && \\
 &= 1,1010048 \times 9,6e+7 \text{ m/s}^2 && = 1,056964608e+8 \text{ m/s}^2 \\
 &= && \\
 m_p &= 1 / 6,e+26 \text{ m/s}^2 && = 1,66667e-27 \text{ s}^2/\text{m} \\
 &= && \\
 &= 1,66667e-27 \text{ s}^2/\text{m} \times 6,25e+18 && = 1,04166667e-8 \text{ s}^2/\text{m} \\
 &= && \\
 &= (1,66667e-27)^2 && = 2,7777778e-54 \text{ s}^2/\text{m}^2 \\
 &= && \\
 &= c^4 \times m \times \omega^2 = && = 1,318359375e-28 \text{ m}^3 \\
 &= 4di^2 r^3 = G_G \text{ m T}^2 && = \\
 r^3_{Gr} &= 1,318359375e-28 \text{ m}^3 && \\
 &= &&
 \end{aligned}$$

1.10. s³-Kopplung, m³-Kopplung, Gravitationskraft, Radius Größen

r	= G _G m / c ² = m ⁴ /s ² x s ² /m / m ² /s ²	= m
	= m x 7,2e-28 m ² /s ²	=
r _{ps}	= 1,66667e-27 (6,48e-11 x / 9,e+16)	= 1,2e-54 m
	=	
	= 6,51041667e+10 x 7,2e-28	= 4,6875e-17 m
r _s	= G _G x m _G / c ² = 6,48e-11 x 6,510416667e+10 / c ²	= 4,6875e-17 m
	= 1,5e-10 m / 3,2e+6	= 4,6875e-17 m
	=	
	= 2,083333e+17 x 7,2e-28 m ² /s ²	= 1,5e-10 m
	= 1,2e-54 m x 1,25e+44	= 1,5e-10 m
	= c ⁴ x m _p / c ² =	= 1,5e-10 m
r _p	= 1,66667e-27 s ² /m x 9,e+16	= 1,5e-10 m
	=	
m _{GR}	= 1,5e-10 x 9,e+16 / 6,48e-11	= 2,08333333e+17 s ² /m
	= 2,08333333e+17 / 3,2e+6	= 6,510416667e+10 s ² /m
	=	
b	= 1,5e-10 m / 3,125 s	= 4,8e-11 m/s
c	= 4,8e-11 m/s x E	= 3,e+8 m/s
B	= 1 / 4,8e-11 m/s	= 2,08333333e+10 s/m
H	= 2,08333333e+10 s/m / 9,765625	= 2,13333333e+9 /ms
	=	
L _{Gr}	= 1 / 2,13333333e+9 /ms	= 4,6875e-10 ms
	= 4,6875e-10 ms x E	= 2,9296875e+9 ms
	= 4,6875e-10 ms / 6,25e+18	= 7,5e-29 ms
	=	
U _p	= 1,5e-10 m x 6,25e+18	= 9,375e+8 m
	=	
	= 1,5e-10 m / 6,25	= 2,4e-11 m
	= 1,2 m x 1,e-12	= 1,2e-12 m
	= 2,34375 m x 1,e-12	= 2,34375e-12 m
	= 2,4e-11 m / 6,25	= 3,84e-12 m
	=	

1.11. Masse, Massen Gradienten, Radius, Radiusgradienten, (Nun)ⁿ-Potenzialtöpfe

$$\begin{aligned}
 &= G_G \text{ m} / \text{c}^2 = \text{m}^4/\text{s}^2 \times \text{s}^2/\text{m} / \text{m}^2/\text{s}^2 && = \text{m} \\
 &= && \\
 &= G_G / \text{c}^2 = 6,48\text{e-}11 / 9,0\text{e+}16 && = 7,2\text{e-}28 \text{ m}^2/\text{s}^2 \\
 &= 0,432 / 6,0\text{e+}26 && = 7,2\text{e-}28 \text{ m}^2/\text{s}^2 \\
 &= 1 / 1,3888889\text{e+}27 \text{ s}^2/\text{m}^2 && = 7,2\text{e-}28 \text{ m}^2/\text{s}^2 \\
 &= && \\
 m_{Gr} &= r (\text{c}^2 / G_G) = && \\
 &= r \times 1,3888889\text{e+}27 \text{ s}^2/\text{m}^2 && = \\
 &= && \\
 &= 4,6875\text{e-}17 \text{ m} / 7,2\text{e-}28 && = 6,5104166667\text{e+}10 \text{ s}^2/\text{m} \\
 m_{Kaf} &= 1,66667\text{e-}27 \times E^2 = && = 6,5104166667\text{e+}10 \text{ s}^2/\text{m} \\
 &= && \\
 m_{Gr} &= 1,5\text{e-}10 \text{ m} / 7,2\text{e-}28 \text{ m}^2/\text{s}^2 && = 2,083333333\text{e+}17 \text{ s}^2/\text{m} \\
 m_{Gr} &= 1,66667\text{e-}27 \times 1,25\text{e+}44 && = 2,083333333\text{e+}17 \text{ s}^2/\text{m} \\
 &= &&
 \end{aligned}$$

1.12. (Nun)⁴-Potenzialtopf, Radius, Stabile Massen Größen,

$$\begin{aligned}
 m_{Gr} &= 0,003 \text{ m} / 7,2\text{e-}28 \text{ m}^2/\text{s}^2 && = 4,166667\text{e+}24 \text{ s}^2/\text{m} \\
 &= 4,1666667 \text{ s}^2/\text{m} \times 1,0\text{e+}24 && = 4,166667\text{e+}24 \text{ s}^2/\text{m} \\
 &= && \\
 &= 0,06 \text{ m} / 7,2\text{e-}28 \text{ m}^2/\text{s}^2 && = 8,333333333\text{e+}25 \text{ s}^2/\text{m} \\
 &= 0,375 \text{ m} / 7,2\text{e-}28 \text{ m}^2/\text{s}^2 && = 5,208333333\text{e+}26 \text{ s}^2/\text{m} \\
 &= 0,6144 \text{ m} / 7,2\text{e-}28 && = 8,533333333\text{e+}26 \text{ s}^2/\text{m} \\
 &= 1,2 \text{ m} / 7,2\text{e-}28 \text{ m}^2/\text{s}^2 && = 1,666666667\text{e+}27 \text{ s}^2/\text{m} \\
 &= 3,84 \text{ m} / 7,2\text{e-}28 \text{ m}^2/\text{s}^2 && = 5,333333333\text{e+}27 \text{ s}^2/\text{m} \\
 &= 24 / 7,2\text{e-}28 \text{ m}^2/\text{s}^2 && = 3,333333333\text{e+}28 \text{ s}^2/\text{m} \\
 &= 150 / 7,2\text{e-}28 \text{ m}^2/\text{s}^2 && = 2,083333333\text{e+}29 \text{ s}^2/\text{m} \\
 &= &&
 \end{aligned}$$

(Nun)⁵-Potenzialtopf

$$\begin{aligned}
 &= 1,08 \text{ m}^3/\text{s} \times 1,9753086419\text{e+}30 \text{ s}^3/\text{m}^4 && = 2,133333333\text{e+}30 \text{ s}^2/\text{m} \\
 &= && \\
 &= 4,166666667 \times (\text{Nun})^5 && = 4,166666667\text{e+}30 \text{ s}^2/\text{m} \\
 &= 3000 \text{ m} / 7,2\text{e-}28 \text{ m}^2/\text{s}^2 && = 4,166666667\text{e+}30 \text{ s}^2/\text{m} \\
 &= && \\
 &= 9.600 \text{ m} / 7,2\text{e-}28 \text{ m}^2/\text{s}^2 && = 1,333333\text{e+}31 \text{ s}^2/\text{m} \\
 &= 6,75 \text{ m}^3/\text{s} \times 1,9753086419\text{e+}30 && = 1,333333\text{e+}31 \text{ s}^2/\text{m} \\
 &= && \\
 m_s &= 1,333333\text{e+}31 \text{ s}^2/\text{m} / 6,75 \text{ m}^3/\text{s} && = 1,9753086419753\text{e+}30 \text{ s}^3/\text{m}^4 \\
 &= &&
 \end{aligned}$$

2.1. Das Elektrische Feld der Ladung, Ladungen sind Extensive Größen.

E	$= 1 / (HL)^4 = 1 / (5,e+4)^4$	$= 1,6e-19$
E	$= (HL)^4 = (5,e+4)^4$	$= 6,25e+18$
Mim	$= 1 / 1,6e-19$	$= 6,25e+18$
Mim	$= 1 / (Nun)^3$	$= 1,e-18$
	=	
m_p	$= 1 / a_p = 1 / 6,e+26 \text{ m/s}^2$	$= 1,66667e-27 \text{ s}^2/\text{m}$
	=	
r_{Gr}	$= 1,008 / 1,00135803222265625$	$= 1,00663296 \text{ m}$
	$= 9,8304 \text{ ms}^2 / 9,765625 \text{ s}^2$	$= 1,00663296 \text{ m}$
	=	
r_{Gr}	$= 1,00663296 \text{ m} / E$	$= 1,610612736e-19 \text{ m (eV, Joule)}$
	$= 1,00663296 \text{ m} \times e$	$= 1,610612736e-19 \text{ m}$
	=	
Mim	$= 1,6021728515625e-19 \times 9,765625$	$= 1,56462192535400390625e-18$
Mim	$= 1,56462192535400390625 \times 1,e-18$	$= 1,56462192535400390625e-18$
Mim	$= 1 / 6,3913203809523809523809524e+17$	$= 1,56462192535400390625e-18$
	=	
Mim	$= c / b_k = 3,e+8 / 1,5e-23$	$= 2,e+31$
	$= 20 \times (Nun)^5$	$= 2,e+31$
	=	
Mim	$= 3,375e+6 \text{ m}^3 / 3,375e-30 \text{ m}^3$	$= 1,e+36$
Mim	$= (Nun)^6$	$= 1,e+36$
	=	
Mim	$= 125 \times (1,e+6)^7$	$= 1,25e+44$
Mim	$= 8,1e+33 / 6,48e-11$	$= 1,25e+44$
	=	

2.2. Mol Größe der Proton, Gradient Größe der Mol, Beschleunigung, keine Massen-
größe!

$$\begin{aligned}
 &= 1,68e-27 / 1,6666667e-27 \text{ s}^2/\text{m} &&= 1,008 \text{ m/s}^2 \\
 &= 6,e+26 \text{ m/s}^2 / 5,952380 \text{ 952380 e}+26 &&= 1,008 \text{ m/s}^2 \\
 &= 6,5625e+10 / 6,5104166667e+10 \text{ s}^2/\text{m} &&= 1,008 \text{ m/s}^2 \\
 &= && \\
 &= 4,2 / 4,1666667 \text{ s}^2/\text{m} &&= 1,008 \text{ m/s}^2 \\
 &= 9,84375 / 9,765625 \text{ s}^2 &&= 1,008 \text{ m/s}^2 \\
 &= 1,512 / 1,5 \text{ m/s}^2 &&= 1,008 \text{ m/s}^2 \\
 &= 126 \text{ m/s}^2 / 125 &&= 1,008 \text{ m/s}^2 \\
 &= 12,6 \text{ m/s}^3 / 12,5 / \text{s} &&= 1,008 \text{ m/s}^2 \\
 &= 112 \text{ s/m} / 111,111111 \text{ s}^3/\text{m}^2 &&= 1,008 \text{ m/s}^2 \\
 &= 26,25 / 26,0416666667 \text{ s}^2/\text{m} &&= 1,008 \text{ m/s}^2 \\
 &= 1,5 \text{ m/s}^2 / 1,4880952380 \text{ 952380} &&= 1,008 \text{ m/s}^2 \\
 &= 1,0013580322265625 / \text{s}^2 \times 1,00663296 \text{ m} &&= 1,008 \text{ m/s}^2
 \end{aligned}$$

$$\begin{aligned}
 &= 3,402e+6 \text{ m}^4/\text{s}^2 / 3,375e+6 \text{ m}^3 &&= 1,008 \text{ m/s}^2 \\
 &= &&
 \end{aligned}$$

$$\begin{aligned}
 &= 1,0013580322265625 / \text{s}^2 \times 1,00663296 \text{ m} &&= 1,008 \text{ m/s}^2 \\
 &= &&
 \end{aligned}$$

$$\begin{aligned}
 &= 1,008 \text{ m/s}^2 \text{ Mim} &&= \\
 &= 1,008 \text{ m/s}^2 / \text{Mim} &&= \\
 &= 1,1010048 \times 1,008 \text{ m/s}^2 &&= 1,1098128384 \text{ m/s}^2 \\
 &= 2 \times 1,008 \text{ m/s}^2 &&= 2,016 \text{ m/s}^3 \\
 &= 3 \text{ ms}^3 \times 1,008 \text{ m/s}^2 &&= 3,024 \text{ s} \\
 &= 4 \text{ s}^2 \times 1,008 \text{ m/s}^2 &&= 4,032 \text{ m/s}^2 \\
 &= 5 \times 1,008 \text{ m/s}^2 &&= 5,04 \text{ m} \\
 &= 6 \times 1,008 \text{ m/s}^2 &&= 6,048 \text{ m}^2 \\
 &= 7 \times 1,008 \text{ m/s}^2 &&= 7,056 \text{ s}^3 \\
 &= 8 \times 1,008 \text{ m/s}^2 &&= 8,064 \text{ ms} \\
 &= 9 \times 1,008 \text{ m/s}^2 &&= 9,072 \text{ m}^3/\text{s}^2 \\
 &= 10,08 \text{ m/s} && \\
 &= &&
 \end{aligned}$$

$$\begin{aligned}
 \text{Mim} &= 3 \text{ ms}^3 / 2,016 \text{ m/s}^3 &&= 1,4880952380952380952380952380952 \\
 \text{Mim} &= 1,5 \times 0,99206349206349206349 &&= 1,4880952380952380952380952380952 \\
 \text{Mim} &= 1,5 \times 9,92063492063492e+29 &&= 1,4880952380952380952380952380952e+30 \\
 &= &&
 \end{aligned}$$

2.3. Die Größe der Protonenmasse, Massengradient der Protonen

$$\begin{aligned}
 &= 1 / 1,008 &= 0,9920634920634920 \text{ 634920634920 s}^2/\text{m} \\
 &= 4,166666667 / 4,2 = &= 0,9920634920634920 \text{ 634920634920 s}^2/\text{m} \\
 &= 1,666667\text{e-}27 / 1,68\text{e-}27 &= 0,9920634920634920 \text{ 634920634920 s}^2/\text{m} \\
 m_{Gr} &= 83,33333 \text{ s}^2/\text{m} / 84 &= 0,9920 \text{ 634920 634920 s}^2/\text{m} \\
 &= 1 / 1,008 \text{ m/s}^2 &= 0,9920 \text{ 634920 634920 s}^2/\text{m} \\
 \\
 &= 0,9920634920634920 \text{ 634920634920 s}^2/\text{m} \times Mim & \\
 &= 1,1010048 \times 0,9920634920634920 \text{ s}^2/\text{m} &= 1,0922666667 \text{ s}^2/\text{m} \\
 &= 0,9920634920634920 \text{ 634920634920 s}^2/\text{m} \times 1,6384 &= 1,6253968253968253968 \text{ s}^2/\text{m} \\
 &= 0,992063492063492063492 \text{ s}^2/\text{m} \times 1,953125 &= 1,9376240079365079365 \text{ s}^2/\text{m} \\
 &= 3,1746031746031746031746031746032 \text{ s}^2/\text{m} & \\
 &= 0,9920634920634920 \times 2,1504 &= 2,133333333333333 \text{ s}^2/\text{m} \\
 &= 0,9920634920634920 \times 3,2 &= 3,17460317460317460 \text{ s}^2/\text{m} \\
 &= & \\
 \\
 &= 0,9920634920634920 \text{ 634920634920 s}^2/\text{m} \times 4,2 &= 4,16666667 \text{ s}^2/\text{m} \\
 &= 4,2 / 1,008 \text{ m/s}^2 &= 4,16666667 \text{ s}^2/\text{m} \\
 &= 0,9920634920634920 \text{ 634920634920 s}^2/\text{m} \times 4,2 &= 4,16666667 \text{ s}^2/\text{m} \\
 &= (0,5 \text{ s})^2 / 0,06 \text{ m} &= 4,16666667 \text{ s}^2/\text{m} \\
 &= 4/3 \times di = (4/3) \times 3,125 \text{ s} &= 4,16666667 \text{ s}^2/\text{m} \\
 &= 26,0416671875 \text{ s}^2/\text{m} / 6,25 &= 4,16666675 \text{ s}^2/\text{m} \\
 &= 12,5 / \text{s} \times 120 \text{ ms}^2 / 360 \text{ m}^2/\text{s} &= 4,16666667 \text{ s}^2/\text{m} \\
 &= 375 \text{ ms}^3 / 90 \text{ sm}^2 &= 4,16666667 \text{ s}^2/\text{m} \\
 &= 25 \text{ s}^2 / 6 \text{ ms}^2 &= 4,16666667 \text{ s}^2/\text{m} \\
 &= 1,5625 \text{ s}^2 / 0,375 \text{ m} &= 4,16666667 \text{ s}^2/\text{m} \\
 &= 5 \text{ s}^2 / 1,2 \text{ m} &= 4,16666667 \text{ s}^2/\text{m} \\
 &= 11,11111 \text{ s}^2/\text{m}^2 \times 0,375 \text{ m} &= 4,16666667 \text{ s}^2/\text{m} \\
 &= 13,5 / 3,24 &= 4,16666667 \text{ s}^2/\text{m} \\
 &= 1,302083333333333 \times 3,2 &= 4,16666667 \text{ s}^2/\text{m} \\
 m_{Gr} &= 6,1509375 \text{ m}^9 / (1,215 \text{ m}^5\text{s}^2)^2 &= 4,16666667 \text{ s}^2/\text{m} \\
 &= 6,4\text{e-}11 \times 6,51041666667\text{e+}10 \text{ s}^2/\text{m} &= 4,16666667 \text{ s}^2/\text{m} \\
 &= 6,51041666667\text{e+}10 \text{ s}^2/\text{m} / (2500)^3 &= 4,16666667 \text{ s}^2/\text{m} \\
 &= 2,083333333 \times 2 / \text{s} &= 4,16666667 \text{ s}^2/\text{m} \\
 &= & \\
 Mpc &= (1,76363261480\text{e+}11 \text{ m}^{2/5}/\text{s}^2)^2 &= 3,1104\text{e+}22 \text{ m}^5\text{s}^2 \\
 \\
 &= (4,16666667 \text{ s}^2/\text{m})^2 &= 17,361111111 \text{ s}^2/\text{m}^2 \\
 &= 5,4\text{e+}23 \text{ m}^3 / 3,1104\text{e+}22 \text{ m}^5\text{s}^2 &= 17,361111111 \text{ s}^2/\text{m}^2 \\
 \\
 &= 1,953125 \times 8,8888888 / \text{s}^2\text{m}^2 &= 17,3611109375 / \text{s}^2\text{m}^2 \\
 &= 1,736111111\text{e+}7 / \text{s}^2\text{m}^2 / 1,\text{e+}6 &= 17,3611109375 / \text{s}^2\text{m}^2 \\
 &= & \\
 r_M &= 6,4\text{e+}6 / 3,6864 \text{ m}^2\text{s}^2 &= 1,7361111111\text{e+}6 \\
 &= & \\
 Mim &= 49 / 17,3611111111 / \text{s}^2\text{m}^2 &= 2,8224 \\
 Mim &= (1,3125)^2 \times 1,6384 &= 2,8224 \\
 &= & \\
 &= 4,16666667 \text{ s}^2/\text{m} \times 1,6384 &= 6,826666667 \text{ s}^2/\text{m} \\
 \\
 &= 4,16666667 \text{ s}^2/\text{m} \times 3,2 &= 13,33333333 \text{ s}^2/\text{m} \\
 \\
 &= 4,16666667 \text{ s}^2/\text{m} \times 4,2 &= 17,5 \text{ s}^2/\text{m} \\
 &= 17,64 / 1,008 &= 17,5 \text{ s}^2/\text{m} \\
 &= &
 \end{aligned}$$

m_{Gr}	$= 4,166666667 \times 6,25$ $= 9,765625 / 0,375 \text{ m}$ $= 6,5104166667e+10 / 2,5e+9$ $= 26,25 / 1,008$ $=$	$= 26,04166667 \text{ s}^2/\text{m}$ $= 26,04166667 \text{ s}^2/\text{m}$ $= 26,04166667 \text{ s}^2/\text{m}$ $= 26,04166667 \text{ s}^2/\text{m}$
Mim	$= 1,0013580322265625 / \text{s}^2 \times 26,2144 \text{ s}^2$ $= 6,25 \times 4,2$ $=$ $=$	$= 26,25$ $= 26,25$ $= 32,50 \text{ 793650 793650 s}^2/\text{m}$
	$= 1 / 0,012$ $= 84 / 1,008$ $=$	$= 83,33333 \text{ s}^2/\text{m}$ $= 83,33333 \text{ s}^2/\text{m}$
m_{Kaf}	$= 1,66667e-27 \times E^2 =$ $=$	$= 6,5104166667e+10 \text{ s}^2/\text{m}$
m_{Gr}	$= 1,66667e-27 \times 1,25e+44$ $= 6,25e+18 \times 86400 \text{ m}^3$	$= 2,083333333e+17 \text{ s}^2/\text{m}$ $= 5,4e+23 \text{ m}^3$
$1pc$	$= 1,5e+11 / (6,25 / 1296000)$	$= 3,1104e+16 \text{ m}^5\text{s}^2$
$1pc$	$= 3,2768 / \text{s} \times 3,1640625e+7 \times 3,e+8$ $=$	$= 3,1104e+16 \text{ m}^5\text{s}^2$
Mim	$= (4,2)^2$	$= 17,64$
Mim	$= 1,0013580322265625 / \text{s}^2 \times 26,2144 \text{ s}^2$ $= 6,25 \times 4,2$	$= 26,25$ $= 26,25$

2.4. **Massenträgheitsmoment und die Zahl zi, (3,141461700022857142857 ms³) wird mit Zahl di (3,125 s) verknüpft.**

$$\begin{aligned}
 &= 9,8304 \text{ ms}^2 / 9,7788873248960770 &= 1,0052677739666285714285714285714 \text{ ms}^2 \\
 &= 3,1414617936457142857142857 \text{ ms}^3 / 3,125 &= 1,0052677739666285714285714285714 \text{ ms}^2 \\
 &= 1,00663296 \text{ m} / 1,0013580322265625 \text{ /s}^2 &= 1,0052677739666285714285714285714 \text{ ms}^2 \\
 &= 1,31762457669353940\text{e-}7 / 1,31072\text{e-}7 \text{ s} &= 1,0052677739666285714285714285714 \text{ ms}^2 \\
 &= \\
 &= 1,0052677739666285714285714 \text{ ms}^2 \times \text{Mim} &= \\
 &= \times 1,6384 &= 1,64703072086692425142857 \text{ ms}^2 \\
 &= \times 1,953125 &= 1,96341362102857142857142857 \\
 &= 1,00526777396662857142857 \times 3,2 &= 3,21685687669321 \text{ 142857 142857 ms}^2 \\
 &= \\
 2 \text{ zi} &= 6,25 \times 1,00526777396662857142857 \text{ ms}^2 &= 6,28292358729 \text{ 142857 142857 ms}^2 \\
 \text{zi ()} &= 6,2829234000457142857142857 \text{ ms}^2 / 2 &= 3,141461700022857142857 \text{ ms}^3 ! \\
 &= 1,00526777396662857142857 \text{ ms}^2 \times 1,3125 &= 1,3194139533312 \text{ ms}^2 \\
 &= 1,00526777396662857142857 \text{ ms}^2 \times 4,2 &= 4,22212465065984 \text{ ms}^2 \\
 &= 1,00526777396662857142857 \times 9,7788870 &= 9,8304 \text{ ms}^2 \\
 &= \\
 &= \\
 &= 60 \text{ ms}^3 / 3,1414617936457142857142857142857 &= 19,0993887372314929962158203125 \\
 &= 19,0993887372314929962158203125 / 19 &= 1,0052309861700785787482010690789 \\
 \text{Mim} &= 19 / \text{ms}^2 \times 6,28292358729142857142857 &= 119,375548158537142857 ! \\
 &= \\
 &= 3,47900390625 \\
 &= 1,4942208 \\
 &= 6 / 4,2 = 1,4285714285714285714285714285714 \text{ ms}^2 \\
 &= \\
 &= 3,1414617936457142857142857142857 \text{ ms}^3 \times 1,4285714285714285714285714285714 \text{ ms}^2 \\
 &= 4,4878025623510204081632653061224 \\
 &= 1,008 \text{ m/s}^2 \times 4 \text{ /s}^2 &= 4,032 \text{ ms}^2 \\
 &= 4,166666667 \text{ s}^2/\text{m} / 1,033399470899470899470 &= 4,032 \text{ ms}^2 \\
 &= 6 \text{ ms}^2 / 1,4880952380952380952380952380 &= 4,032 \text{ ms}^2 \\
 &= 9,8304 / 2,4380952380952380952380952380 &= 4,032 \text{ ms}^2 \\
 &= 1,26 \text{ ms}^2 \times 3,2 &= 4,032 \text{ ms}^2 \\
 &= \\
 &= 4,032 \text{ ms}^2 \times \text{Mim} \\
 &= \\
 &= 9,1552734375\text{e+}9 \text{ ms}^2 \\
 &= 6 \text{ ms}^2 \times (\text{HL})^2 &= 1,5\text{e+}10 \text{ ms}^2 \\
 &= \\
 \text{Mim} &= 1,0471539312152380952380952380952\text{e+}0 \\
 \text{Mim} &= 6 / 4,032 \text{ ms}^2 &= 1,4880 \text{ 952380 952380 952380} \\
 \text{Mim} &= 4,032 \text{ ms}^2 / 3,75\text{e-}47 \text{ ms}^2 &= 1,0752\text{e+}47 \\
 \text{Mim} &= 1,5\text{e+}10 \text{ ms}^2 / 3,75\text{e-}47 \text{ ms}^2 &= 4,\text{e+}56 \\
 &= 0,9986438095238095238 \times 5 &= \\
 &= 2,0013575714764840592228591172893 \\
 &=
 \end{aligned}$$

$$\begin{aligned} \text{Mim} &= 375 / 3,1414617936457142857 = 119,37117960769683122634887695313 \\ \text{Mim} &= 125 / 119,37117960769683122634887695313 = 1,0471539312152380952380952380952 \\ &= \end{aligned}$$

2.5. Kollaps Größen

$$\begin{aligned} (1) &= 4,1666667 / 4,032 \text{ ms}^2 &= 1,033399470 \text{ 899470 899470 /m}^2 \\ &= \end{aligned}$$

$$(2) = 1,033399470 \text{ 899470 899470 /m}^2 \times (\text{Nun})^5 = 1,033399470899470\text{e}+30 / \text{m}^2$$

$$\begin{aligned} \text{Mim} &= 1,44 \text{ m}^2 \times 1,033399470899470\text{e}+30 = 1,4880 \text{ 952380 952380 952380e}+30 \\ \text{Mim} &= 1,5 \times 9,92063492063492\text{e}+29 = 1,4880 \text{ 952380 952380 952380e}+30 \end{aligned}$$

$$\begin{aligned} \text{Mim} &= 6 / 4,032 \text{ ms}^2 &= 1,4880 \text{ 952380 952380 952380} \\ \text{Mim} &= 3 \text{ ms}^3 / 2,016 \text{ m/s}^3 &= 1,4880 \text{ 952380 952380 952380} \\ \text{Mim} &= 1,5 \times 0,99206349206349206349 &= 1,4880 \text{ 952380 952380 952380} \\ &= \end{aligned}$$

$$\begin{aligned} &= 6 \text{ ms}^2 / 4,1666667 \text{ s}^2/\text{m} &= 1,44 \text{ m}^2 \\ &= 2,268 \text{ m}^3 / 1,575 \text{ m} &= 1,44 \text{ m}^2 \\ &= 1,488095238095238 / 1,033399470899470 / \text{m}^2 &= 1,44 \text{ m}^2 \\ &= 4,5 / 3,125 &= 1,44 \text{ m}^2 \\ &= \end{aligned}$$

$$\begin{aligned} \text{Mim} &= 8 \times 2,002716064453125\text{e}+30 / \text{s}^3 &= 1,6021728515625\text{e}+31 \\ &= 6,666666\text{e}-11 \times 6,25\text{e}+18 &= 4,16666625\text{e}+8 \\ &= \end{aligned}$$

$$\begin{aligned} &= (3,1414617936457142857142857 \text{ ms}^3)^2 = 9,8687822009357483649483755102041 \text{ m}^2 \\ &= \end{aligned}$$

$$\begin{aligned} &= 9,8687822009357483649483755 \text{ m}^2 / 9 = 1,0965313556595275961053750566893 \\ &= \end{aligned}$$

$$\begin{aligned} &= 3,141461700022857142857142857 \text{ ms}^3 \times 7 / \text{ms} &= 21,99023255552 \text{ s}^2 \\ &= \end{aligned}$$

$$\begin{aligned} &= 21,99023255552 \text{ s}^2 / 21 = 1,0471539312152380952380952380952 \\ &= \end{aligned}$$

$$\begin{aligned} &= 21,99023255552 \text{ s}^2 / 20 = &= 1,099511627776 \text{ s}^2 \\ &= \end{aligned}$$

$$\begin{aligned} &= 1,00663296 \text{ m} / 1,00526777396662857142857 \text{ ms}^2 = 1,0013580322265625 / \text{s}^2 \\ &= \end{aligned}$$

$$\begin{aligned} \text{Mim} &= 1,0471539312152380952380952380952 \times 4,2 &= 4,398046511104 \\ &= \end{aligned}$$

$$\begin{aligned} &= 6,28292358729142857 \text{ ms}^2 \times 7 / \text{ms} &= 43,98046511104 \text{ s} \\ &= \end{aligned}$$

2.6. Die Zahl di hergeleitet von Proton, Zahl-zi hergeleitet von Neutron, Energieniveau im Potenzialtopf

$$\begin{aligned} zi &= 1,00526777396662857142857 \text{ ms}^2 \times 3,125 \text{ s} = 3,1414617936457142857142857142857 \text{ ms}^3 \\ zi &= 6,2829234000457142857142857 \text{ ms}^2 / 2 = 3,1414617936457142857142857 \text{ ms}^3 \\ &= \end{aligned}$$

$$\begin{aligned} 2zi &= 6,25 \times 1,00526777396662857142857 \text{ ms}^2 = 6,2829235872914285714285714285714 \text{ ms}^2 \\ &= 6 \times 1,0471539312152380952380952380952 = 6,2829235872914285714285714285714 \text{ ms}^2 \\ &= \end{aligned}$$

$$\begin{aligned} &= 1,00663296 \text{ m} / 1,00526777396662857142857 \text{ ms}^2 = 1,0013580322265625 / \text{s}^2 \\ &= \\ &= 1,0013580322265625 \times 6,25 = 6,258487701416015625 / \text{s}^2 \\ &= \\ &= 6,258487701416015625 / \text{s}^2 \times 2 = 12,51697540283203125 / \text{s}^3 \\ &= \end{aligned}$$

$$\begin{aligned} 4di^2 &= 1,318359375e-28 / 3,375e-30 \text{ m}^3 = 39,0625 \\ &= \end{aligned}$$

$$\begin{aligned} 4zi^2 &= 4 \times (3,1414617936457142857)^2 = 39,475128803742993459793502040816 \\ &= \end{aligned}$$

$$\begin{aligned} &= 1,00663296 \text{ m} \times zi = 3,1622989840644945627428571428571 \text{ m}^2\text{s}^3 \\ &= \\ &= 2 \times 1,0013580322265625 / \text{s}^2 = 2,002716064453125 / \text{s}^3 \\ &= \end{aligned}$$

$$\begin{aligned} &= 2,002716064453125 / \text{s}^3 \times 3,1414617936457142857 = 6,291456 \text{ m} \\ &= 6,25 \times 1,00663296 = 6,291456 \text{ m} \\ &= 3,2 \times 1,96608 \text{ m} = \end{aligned}$$

s³-Kopplung

Mim	= 12,51697540283203125 /s ³ x 1,28	= 16,021728515625
Mim	= 12,51697540283203125 /s ³ x 2,5	= 31,292438507080078125
Mim	= 12,51697540283203125 /s ³ x 8	= 100,13580322265625
Mim	= 12,51697540283203125 x 50	=
	=	
	= 6,25 x 1,0119356749006382600777142857143	= 6,324597968128989125485714285 m ² s ²
	= zi x 2,01326592	= 6,324597968128989125485714285 m ² s ²
	=	
	= 1,0013580322265625 /s ² x 2 x zi	= 6,291456 m
	= 1,00663296 m x 6,25	= 6,291456 m
	=	
L _{Gr}	= 6,291456 m / 2 /s	= 3,145728 ms
	= 0,98304 ms x 3,2	= 3,145728 ms
L _{Gr}	= 1,00663296 m x 3,125 s	= 3,145728 ms
	= 3,75 ms / 1,1920928955078125	= 3,145728 ms
	=	
r _{Gr}	= 6 ms ² x 1,0013580322265625	= 6,008148193359375 m
	=	
	= 6,008148193359375 m x Nun	= 6,008148193359375e+6 m
	=	
	= 9,7788870334625244140625 x 1,00663296 m	= 9,84375 m
	= 1,575 m x 6,25	= 9,84375 m
	=	
	= 9,84375 m x Nun	=
	=	
	= 9,765625 s ² x 0,972 m ⁵ /s ²	= 9,4921875 m ⁵
	=	

2.7. Sieben-Perioden, Sieben-Wiederholenden (P_7), $(15/87)$, z_i
 $(3,1414617936457142857142857142857 \text{ ms}^3)$, Winkel $\times 2 z_i / 360$

$$\begin{aligned}
 &= 0,52357696560761904761904761904762 \text{ (30)} \\
 &= 0,78536544841142857142857142857143 \text{ (45)} \\
 &= 1,5707308968228571428571428571429 \text{ (90)} \\
 &= 3,1414617936457142857142857142857 \text{ (180)} \\
 &= \\
 &= 6 \times 1,0471539312152380952380952380952 = 6,28292358729142857142857 \text{ ms}^2 \\
 &=
 \end{aligned}$$

$$\begin{aligned}
 (1) &= 3,1414617936457142857142857142857 \text{ ms}^3 \\
 (2) &= 6,2829235872914285714285714285714 \text{ ms}^2 \\
 (3) &= 9,4243853809371428571428571428571 \text{ m}^2 \\
 (4) &= 12,565847174582857142857142857143 \text{ ms} \\
 (5) &= 15,707308968228571428571428571429 \text{ m/s} \\
 (6) &= 18,848770761874285714285714285714
 \end{aligned}$$

$$(7) = 21,99023255552$$

$$\begin{aligned}
 (8) &= 8 \times 3,1414617936457142857 \text{ ms}^3 = 25,1316943491657142857142857 \text{ m} \\
 &= 24 \text{ m} \times 1,047153931215238 = 25,1316943491657142857142857 \text{ m}
 \end{aligned}$$

$$= 9 \times 3,1414617936457142857142857 = 28,27315614281142857142857$$

$$\begin{aligned}
 &= 1,5 \text{ m/s}^2 \times 24 = 36 \text{ m}^2/\text{s}^2 \\
 &= 1,5 \times 1,2 \text{ m} = 1,8 \text{ m}^2/\text{s}^2 \\
 &= 2,5 \times 24 = 60 \text{ ms}^3
 \end{aligned}$$

$$\begin{aligned}
 \text{Mim} &= 20 / 1,047153931215238095238 = 19,0993887372314929962158203125 \\
 &= \\
 &= 9,424385380937142857 \text{ m}^2 / 1,0133099161583616 \text{ m}^2 =
 \end{aligned}$$

$$\begin{aligned}
 \text{Mim} &= 1,4880952380952380952380 \times 6,25 = 9,3005952380952380952380952 \\
 \text{Mim} &= 8,8817841970012523233890533447266 \\
 &=
 \end{aligned}$$

$$\text{Mim} = 3,1414617936457142857142857 / 3 = 1,0471539312152380952380952380952$$

$$\begin{aligned}
 &= 4 z_i / 3 = 4,1886157248609523809523 / \text{s}^2 \\
 &= 4,2 \times 0,99728945830022675736961451247166 = 4,1886157248609523809523 / \text{s}^2
 \end{aligned}$$

$$= 4 (z_i)^2 = 39,47512880374299345979350$$

$$= 137,06641945744094951317188208617 / \text{s}^2$$

$$\begin{aligned}
 &= \\
 &= 1,0105632973758206325707136522449
 \end{aligned}$$

$$= 1,0353939017142857142857142857143$$

$$= 3,1415926535897932384626433832795$$

$$z_i = 3,1414617936457142857142857142857 \text{ ms}^3$$

$$= \sqrt{d_i^2 + r_{Gr}^2} = \sqrt{9,765625 + 0,140625} = 3,1474195780035428889360469384387 \text{ ms}$$

2.8. Drehimpuls, L_{Gr}

$$\begin{aligned}
 L_{Gr} &= 4 \times z_i = &= 12,565847174582857142857 \text{ ms} \\
 &= 12 \text{ ms} \times 1,047153931215238095238095238 &= 12,565847174582857142857 \text{ ms} \\
 &= & \\
 &= 1,00663296 \times 0,5 &= 0,50331648 \text{ ms} \\
 &= & \\
 &= 1,00663296 \text{ m} \times 0,9765625 \text{ s} &= 0,98304 \text{ ms} \\
 &= & \\
 &= 0,375 \times 3,125 &= 1,171875 \text{ ms} \\
 &= & \\
 \\
 L_{Gr} &= 1,00663296 \text{ m} \times 3,125 \text{ s} &= 3,145728 \text{ ms} \\
 L_{Gr} &= 5,0331648e-19 \times E &= 3,145728 \text{ ms} \\
 &= 6,291456 \text{ m} / 2 / \text{s} &= 3,145728 \text{ ms} \\
 &= 3,75 \text{ ms} / 1,1920928955078125 &= 3,145728 \text{ ms} \\
 &= 0,98304 \text{ ms} \times 3,2 &= 3,145728 \text{ ms} \\
 &= & \\
 &= 3,14146179364571 \text{ ms}^3 / 1,0013580322265625 / \text{s}^2 &= 3,145728 \text{ ms (!)} \\
 &= & \\
 \\
 z_i &= 3,145728 \text{ ms} / 1,0013580322265625 / \text{s}^2 &= 3,1414617936457142857 \text{ ms}^3 \\
 &= & \\
 &= 1,0077696 \text{ m}^9 / \text{s} \times 3,125 \text{ s} &= 3,14928 \text{ m}^9 \\
 &= & \\
 &= 1,00053773816539220 \times 3,145728 \text{ ms} &= 3,14741957800 \\
 &= & \\
 &= 6,75e+30 / 1,97530864197530864197530e+30 &= 3,4171875 \\
 &= & \\
 \\
 r_{Gr} &= 22 / \text{s} / 7 / \text{ms} &= 3,1428571428571428571428571428571 \text{ m} \\
 &= 355 / 113 &= 3,1415929203539823008849557522124 \\
 &= 29,4 / 29 &= 1,0137931034482758620689655172414 / \text{ms} \\
 \\
 &= 1,2 \text{ m} \times 3,125 \text{ s} &= 3,75 \text{ ms} \\
 &= 3,84 \times 3,125 &= 12 \text{ ms} \\
 &= &= 75 \text{ ms} \\
 &= &= 240 \text{ ms}
 \end{aligned}$$

2.9. Mim-Gradientwerte, Kopplungswerte, Mim-Perioden und Gradientwerten

$$\begin{aligned}
 \text{Mim} &= 10,24 / 9,7788870334625244140625 &= 1,0471539312152380952380952380952 \\
 \text{Mim} &= 3,141461700022857142857 \text{ ms}^3 / 3 \text{ ms}^3 &= 1,0471539312152380952380952380952 \\
 \text{Mim} &= 6,2829234000457142857142857 \text{ ms}^2 / 6 &= 1,0471539312152380952380952380952 \\
 \text{Mim} &= 9,424385380937142857142857142 / 9 &= 1,0471539312152380952380952380952 \\
 \text{Mim} &= 12,565847174582857142857 / 12 \text{ ms} &= 1,0471539312152380952380952380952 \\
 &= 15,707308968228571428571 / 15 &= 1,0471539312152380952380952380952 \\
 &= 18,848770761874285714285 / 18 &= 1,0471539312152380952380952380952 \\
 &= 21,99023255552 / 21 &= 1,0471539312152380952380952380952 \\
 &= 3,3508925798887619047619 / 3,2 &= 1,0471539312152380952380952380952 \\
 &= 2,5e+9 / 2,387423592153936624526e+9 &= 1,0471539312152380952380952380952 \\
 &= 64 / 61,118043959140777587890625 &= 1,0471539312152380952380952380952 \\
 &= &= \\
 &= 9,3005952380952380952380952380952 / 8,8817841970012523233890533447266 \\
 \text{Mim} &= 1,0471539312152380952380952380952 \\
 \\
 \text{Mim} &= 1,4880952380952380952380952380 \times 6,25 &= 9,3005952380952380952380952380952 \\
 \text{Mim} &= 8,8817841970012523233890533447266 \\
 &= 9,7788870334625244140625 / 8,8817841970012523233890533447266 \\
 \text{Mim} &= 1,1010048 \\
 \\
 \text{Mim} &= 1 / 0,672 &= 1,4880952380952380952380952380952 \\
 \text{Mim} &= 125 / 84 &= 1,4880952380952380952380952380952 \\
 \text{Mim} &= 20 / 13,44 &= 1,4880952380952380952380952380952 \\
 \text{Mim} &= 46875 \text{ ms}^3 / 31500 \text{ ms}^3 &= 1,4880952380952380952380952380952 \\
 &= &= \\
 \text{Mim} &= 1,5 \text{ m/s}^2 / 1,008 \text{ m/s}^2 &= 1,4880952380952380952380952380952 \\
 \text{Mim} &= 6 / 4,032 \text{ ms}^2 &= 1,4880952380952380952380952380952 \\
 \text{Mim} &= 6,25 / 4,2 &= 1,4880952380952380952380952380952 \\
 &= 1,033399470 \times 1,44 &= 1,4880952380952380952380952380952 \\
 \\
 \text{Mim} &= 1,575 \text{ m} / 0,375 \text{ m} &= 4,2 \\
 \text{Mim} &= 1,4 / \text{ms}^3 \times 3 \text{ ms}^3 &= 4,2 \\
 \text{Mim} &= 5,25 / \text{s}^2 / 1,25 / \text{s}^2 &= 4,2 \\
 \text{Mim} &= 2,8224 \\
 \\
 \text{Mim} &= 1,575 \text{ m} / 3,84 \text{ m} &= 0,41015625 \\
 &= &= \\
 \text{Mim} &= (1,3125)^2 &= 1,72265625 \\
 &= 4,2 \times 0,41015625 &= 1,72265625 \\
 &= &= \\
 \text{Mim} &= 1,051425933837890625 \\
 \text{Mim} &= (1,25)^2 \times 1,0013580322265625 &= 1,56462192535400390625 \\
 &= &= \\
 &= 1,56462192535400390625 \times 1,6384 &= 2,5634765625 \\
 &= &= \\
 &= \times 1,953125 &= 3,05590219795703887939453125 \\
 &= &= \\
 &= \times 3,2 &= 5,0067901611328125
 \end{aligned}$$

$$\begin{aligned}
\text{Mim} &= 1,3125 \times 4,2 && = 5,5125 \\
&= 2,053566277027130126953125 \\
&= 4,7619047619047619047619047619048 \\
&= 9,7788870334625244140625 \\
\text{Mim} &= 16,021728515625 \\
\\
\text{Mim} &= 1,575 \text{ m} / 1,2 \text{ m} && = 1,3125 \\
\text{Mim} &= 1,0013580322265625 / \text{s}^2 \times 1,31072 \text{ s}^2 && = 1,3125 \\
&= 1,4880952380952380952380952380952e+0 \\
&= 1,0027179087046533823013305664062 \\
\text{Mim} &= 1,0040796319388256563343020388857 \\
&= \\
\text{Mim} &= 1,0013580322265625 / \text{s}^2 / 0,1024 && = 9,7788870334625244140625 \\
&= \\
\text{Mim} &= 9,7788870334625244140625 / 1,3125 && = 7,450580596923828125 \\
\text{Mim} &= 15,238095238095238095238095238095 \\
\\
\text{Mim} &= 9,375e+8 \text{ m} / 1,05553116266496e+8 \text{ m} && = 8,8817841970012523233890533447266 \\
\text{Mim} &= 1,8310546875e+9 \text{ m} / 9,375e+8 \text{ m} && = 1,953125 \\
&= \\
&= 19,0993887372314929962158203125 / 19 = 1,0052309861700785787482010690789 \\
\\
&= 1837,1173070873835736479630560294 / 8,8817841970012523233890533447266 \\
&= 206,84102049086574331233851782365 \\
&= 206,84102049086574331233851782365 / 104,8576 = \\
&= 1,9725896882139753657564021856656 \\
&= 3,891110078048108544 \text{ m}^3 \\
\\
\text{Mim} &= 1,37438953472 \times 1,6384 && = 2,251799813685248 \\
\\
&= 4,7934902857142857142857142857143e+6 \text{ m} \\
\\
&= 3,125 \text{ s} \times 1,047153931215238095238 && = 3,2723560350476190476190476190476 \text{ s} \\
&=
\end{aligned}$$

2.10. Wechselwirkungen der physikalischen Größen, Kaf und Gradienten, Verknüpfungen und Vereinheitlichung

Proton-Elektron

$$\begin{aligned}
 &= 1,5e-10 \text{ m} / 8,164965809277260 \text{ e-14} / \text{m}^{0,5} &= 1837,117307087383573647963 \text{ m}^{1,5} \\
 &= \sqrt{3,375e+6 \text{ m}^3} &= 1837,117307087383573647963 \text{ m}^{1,5} \\
 &= & \\
 &= (1837,117307087383573647963 \text{ m}^{1,5})^2 &= 3,375e+6 \text{ m}^3 \\
 &= (150 \text{ m})^3 &= 3,375e+6 \text{ m}^3 \\
 &= (1,5)^3 \times 1,e+6 &= 3,375e+6 \text{ m}^3 \\
 &= & \\
 &= 1,6666667e-27 / 3,375e+6 \text{ m}^3 &= 4,93827160e-34 \text{ s}^2/\text{m}^4 \\
 &= & \\
 \text{Mim} &= 493,827160 \text{ 49382716} / 4,93827160 \text{ 493827160e-34} = 1,e+36 \\
 &= & \\
 \text{Mim} &= 3,1640625e+7 \times 4,93827160 \text{ 493827160e-34} \text{ s}^2/\text{m}^4 = 1,5625e-26 \\
 \text{Mim} &= 1 / 6,4e+25 = 1,5625e-26 \\
 &= & \\
 &= 1,66667e-27 / 1837,1173070873835736 \text{ m}^{1,5} = 9,07218423253028925258253361e-31 \\
 &= & \\
 &= 9,07218423253028925258253e-31 \times 9,e+16 = 8,164965809277260327324280249e-14 / \text{m}^{0,5} \\
 &= 4,08248290e-14 \text{ s}/\text{m}^{0,5} \times 2 / \text{s} = 8,16496580e-14 / \text{m}^{0,5} \\
 &= 1,5e-10 \text{ m} / 1837,11730708738357 = 8,164965809277260327324280249e-14 \\
 &= & \\
 &= 8,16496580e-14 / \text{m}^{0,5} \times 6,25e+18 = 5,10310363079828770e+5 / \text{m}^{0,5} \\
 &= & \\
 f_k &= (5,10310363079828770457767e+5 / \text{m}^{0,5})^2 = 2,60416667e+11 / \text{m} \\
 &= 39,0625 \times 6,666667e+9 / \text{m} = 2,60416667e+11 / \text{m} \\
 &= & \\
 m_{Gr} &= (3,125 \text{ s})^2 \times 2,6041667e+11 / \text{m} = 2,543131510416667e+12 \text{ s}^2/\text{m} \\
 &= 6,51041667e+10 \text{ s}^2/\text{m} \times 39,0625 = 2,543131510416667e+12 \text{ s}^2/\text{m} \\
 &= & \\
 &= 2,54313151041667e+12 \text{ s}^2/\text{m} / 1,e+12 = 2,543131510416667 \text{ s}^2/\text{m} \\
 &= & \\
 m_{Gr} &= 6,510416667e+10 \text{ s}^2/\text{m} \times 3,2e+6 = 2,08333333e+17 \text{ s}^2/\text{m} \\
 &= & \\
 &= 2,543131510416667 \text{ s}^2/\text{m} / = 1,30208333333 \text{ s}^2/\text{m} \\
 &= & \\
 &= 1,30208333333 \text{ s}^2/\text{m} \times 1,e+18 = 1,3020833333e+18 \text{ s}^2/\text{m} \\
 &= &
 \end{aligned}$$

Mim	= 1,30208333333 s ² /m x 1,008	= 1,3125
Mim	=	= 5,46875
Mim	= 1,6384 x 1,56462192535400390625	= 2,5634765625
Mim	= 2,543131510416667 s ² /m x 1,008	= 2,5634765625
Mim	= 1,008 x 2,543131510416667 s ² /m	= 2,5634765625
Mim	= 4,2 / 1,6384	= 2,5634765625
	=	
Mim	= 4,1666666667 x 1,008	= 4,2
	=	
	= 9,375 x (1837,11730708738357) ²	= 3,1640625e+7
	= 86400 x 366,2109375	= 3,1640625e+7
	=	

2.11. Neutron-Elektron,

$$\begin{aligned}
 &= 1837,1173070873835736479630 / 1831,0546875 &= 1,0033109986439897490 \text{ m}^{1/2} \\
 &= (1,0033109986439897490 \text{ m}^{1/2})^2 &= 1,00663296 \text{ m} \\
 &= \\
 &= 1837,117307087383573647963 \text{ m}^{1,5} \times \sqrt{1,00663296} &= 1843,2 \text{ m}^2 \\
 &= 1280 \times 1,44 \text{ m}^2 &= 1843,2 \text{ m}^2 \\
 &= \\
 &= 1843,2 \text{ m}^2 / 1,00663296 \text{ m} &= 1831,0546875 \text{ m} \\
 &= (39,0625)^2 \times 1,2 \text{ m} &= 1831,0546875 \text{ m} \\
 &= \\
 &= 1837,117307087383573647963056 \text{ m}^{1,5} \times 1,0013580322265625 / \text{s}^2 = \\
 &= 1839,6121715943839572242366874989 \\
 &= \\
 &= 1,0013580322265625 / \text{s}^2 \times 2 &= 2,002716064453125 / \text{s}^3 \\
 &= \\
 &= 3,375 \times 10^6 \text{ m}^3 \times 1,0013580322265625 / \text{s}^2 &= 3,3795833587646484375 \times 10^6 \text{ m}^3 / \text{s}^2 \\
 &= \\
 &= 1,6777216 \times 10^{-27} / 1837,11730708738357 &= 9,13235966765729335998 \times 10^{-31} \\
 &= 9,13235966765729335998 \times 10^{-31} \times c^2 &= \\
 &= 8,2191237008915640239850091069402 \times 10^{-14} \times E = \\
 &= 5,1369523130572275149906306918376 \times 10^5 \\
 &= 2,6388279066624 \times 10^{11} \text{ m} \\
 &= \\
 \text{Mim} &= 2,60416666667 \times 10^{11} / \text{m} \times 0,375 \text{ m} &= 9,765625 \times 10^{10} \\
 \text{Mim} &= (2500)^3 \times 6,25 &= 9,765625 \times 10^{10} \\
 &= \\
 m_{Gr} &= 9,765625 \text{ s}^2 \times 2,6041666666666667 \times 10^{11} / \text{m} &= 2,54313151041667 \times 10^{12} \text{ s}^2 / \text{m} \\
 &= (\text{Sad})^2 \times m_{Kaf} = 39,0625 \times 6,510416667 \times 10^{10} \text{ s}^2 / \text{m} &= 2,54313151041667 \times 10^{12} \text{ s}^2 / \text{m} \\
 &= \\
 &= 4,57763671875 \times 10^{-12} / 9, \times 10^{16} &= 5,086 \times 10^{-29} \text{ s}^2 / \text{m} \\
 &= \\
 &= 1,6 \times 10^{-19} / 9,072184232530 \times 10^{-31} &= 1,76363261480 \times 10^{11} \text{ m}^{2/5} / \text{s}^2 \\
 &= 9,6 \times 10^7 \text{ m} / \text{s}^2 \times 1,8371173070 \times 10^3 \text{ m}^{1,5} &= 1,76363261480 \times 10^{11} \text{ m}^{2/5} / \text{s}^2 \\
 &= \\
 \text{Mpc} &= (1,76363261480 \times 10^{11} \text{ m}^{2/5} / \text{s}^2)^2 &= 3,1104 \times 10^{22} \text{ m}^5 \text{s}^2 \\
 \text{Mpc} &= 3,1104 \times 10^{16} \text{ m}^5 \text{s}^2 \times 1, \times 10^6 &= 3,1104 \times 10^{22} \text{ m}^5 \text{s}^2 \\
 &= \\
 \text{Mim} &= 2,604166667 \times 10^{11} / \text{m} \times 2,6388279066624 \times 10^{11} \text{ m} = 6,87194767360008796093022208 \times 10^{22} \\
 &=
 \end{aligned}$$

2.12. Beschleunigung

a_{Gr}	$= 1,0013580322265625 \times 0,375 \text{ m}$	$= 0,3755092620849609375 \text{ m/s}^2$
	$= 1,0013580322265625 \times 1,2 \text{ m}$	$= 1,201629638671875 \text{ m/s}^2$
	$= 1,0013580322265625 \times 3,84 \text{ m}$	$= 3,84521484375 \text{ m/s}^2$
	$= 1,0013580322265625 \times 24 \text{ m}$	$= 24,0325927734375 \text{ m/s}^2$
	$=$	
	$= 1,5 \text{ m/s}^2 \times 0,375 \text{ m}$	$= 0,5625 \text{ m}^2/\text{s}^2$
	$= 1,5 \times 1,00663296$	$= 1,50994944 \text{ m}^2/\text{s}^2$
	$= 1,5 \times 1,2$	$= 1,8 \text{ m}^2/\text{s}^2$
	$= 1,5 \times 3,84$	$= 5,76 \text{ m}^2/\text{s}^2$
	$=$	
	$= 2,5 \times 0,375 \text{ m}$	$= 0,9375 \text{ ms}^3$
	$= 2,5 \times 1,00663296$	$= 2,5165824 \text{ ms}^3$
	$= 2,5 \times 1,2 \text{ m}$	$= 3 \text{ ms}^3$
	$= 2,5 \times 3,84 \text{ m}$	$= 9,6 \text{ ms}^3$
	$= 2,5 \times 24$	$= 60 \text{ ms}^3$
	$=$	
Mim	$= 3,5 \times 0,375$	$= 1,3125$
Mim	$= 3,5 \times 1,00663296$	$= 3,52321536$
Mim	$= 3,5 \times 1,2$	$= 4,2$
Mim	$= 3,5 \times 3,84$	$= 13,44$
Mim	$= 3,5 \times 24$	$= 84$
Mim	$= 3,5 \times 150$	$= 525$
	$=$	
	$= 4,5 \text{ m}^2/\text{s} \times 0,375 \text{ m}$	$= 1,6875 \text{ m}^3/\text{s}$
	$= 4,5 \times 1,00663296$	$= 4,52984832$
	$= 4,5 \times 1,2$	$= 5,4$
	$= 4,5 \times 3,84$	$= 17,28$
	$=$	
	$= 5,5 \text{ s} \times 0,375 \text{ m}$	$= 2,0625$
	$= 5,5 \times 1,00663296 \text{ m}$	$= 5,53648128$
	$= 5,5 \times 1,2$	$= 6,6$
	$= 5,5 \times 3,84$	$= 21,12$
	$=$	

2.13. Mim-Gradient-Werten und Verknüpfungen

$$\begin{aligned}
 \text{Mim} &= 1,0013580620693582913088289293298 \times 9,765625 = \\
 \text{Mim} &= 10,24 \times 0,95496946532188252573855297 = 9,7788873248960770635627 \\
 \text{Mim} &= 5,82076609134674072265625e+27 \times 1,68e-27 = 9,7788870334625244140625 \\
 \text{Mim} &= 9,765625 / 0,99864380952380952380952380952381 = 9,7788870334625244140625 \\
 \text{Mim} &= E^2 / 3,994575238095238095238e+36 = 9,7788870334625244140625 \\
 \text{Mim} &= 1,62981450557708740234375 \times 6 \text{ ms}^2 = 9,7788870334625244140625 \\
 &= \\
 \text{Mim} &= 1 / 1,0226112609523809523809524e-7 = 9,7788870334625244140625e+6 \\
 \text{Mim} &= 9,7788870334625244140625 \times \text{Nun} = 9,7788870334625244140625e+6 \\
 &= \\
 &= 9,7788870334625244140625e+6 \text{ Mim} = \\
 &= \\
 &= 9,7788870334625244140625e+6 / \text{Mim} = \\
 &= \\
 &= 9,7788870334625244140625e+6 \times r = \\
 &= \\
 &= 9,7788870334625244140625e+6 / r = \\
 &= \\
 \text{Mim} &= 8,7890625e+17 / 9,7788870334625244140625e+6 = 8,9877942857142857e+10 \text{ m}^2 \\
 \text{Mim} &= 8,9877942857142857e+10 \text{ m}^2 \times 1,13777778e-18 = 1,02261126095238095238e-7 \\
 &= \\
 \epsilon_0 &= r^2 / e^2 = 8,7890625e+17 \text{ m}^2 \\
 \epsilon_0 &= 1 / 8,7890625e+17 \text{ m}^2 = 1,13777777777778e-18 / \text{m}^2 \\
 &= \\
 \text{Mim} &= 6,2829234000457142857142857 \text{ ms}^2 / 6 = 1,0471539312152380952380952380952 \\
 \text{Mim} &= 3,141461700022857142857 \text{ ms}^3 / 3 \text{ ms}^3 = 1,0471539312152380952380952380952 \\
 &= 10,24 / 9,7788870334625244140625 = 1,0471539312152380952380952380952 \\
 &= \\
 \text{Mim} &= 1 / 1,0471539312152380952380952380952 = 0,954969436861574649810791015625 \\
 &= \\
 &= 1,0013580322265625 \times 2,5e-37 = 2,50339508056640625e-37 \\
 &= \\
 &= 1,0013580322265625 \times 2 / \text{s} = 2,002716064453125 / \text{s}^3 \\
 &= \\
 \text{Mim} &= 3,9945752380952380952380952380952 \\
 \text{Mim} &= 1,0013580322265625 / \text{s}^2 \times 4 = 4,00543212890625 \\
 &= \\
 \text{Mim} &= 2,002716064453125 / \text{s}^3 \times 2,5 = 5,0067901611328125 \\
 \text{Mim} &= 9,7788870334625244140625 / 1,953125 = 5,0067901611328125 \\
 &= \\
 \text{Mim} &= 2,002716064453125 / \text{s}^3 / 1,28 \text{ s}^3 = 1,56462192535400390625 \\
 &= 2,5634765625 / 1,6384 = 1,56462192535400390625 \\
 &= \\
 \text{Mim} &= 1,56462192535400390625 \times 1,6384 = 2,5634765625 \\
 &= \\
 \text{Mim} &= 5,9685589803848415613174438476563 \\
 \text{Mim} &= 2,3283064365386962890625 \\
 \text{Mim} &= 3,05590219795703887939453125 \\
 \text{Mim} &= 5,0067901611328125 \\
 \text{Mim} &= 2,002716064453125 / \text{s}^3 \times 8 = 16,021728515625 \\
 &= \\
 \text{Mim} &= 1,6777216e-27 \text{ s}^2 \times 1,0013580322265625 / \text{s}^2 = 1,68e-27 \\
 \text{Mim} &= 9,765625 \text{ s}^2 / 1,6777216e-27 \text{ s}^2 = 5,82076609134674072265625e+27 \\
 &=
 \end{aligned}$$

Mim = 195,57774066925048828125

Mim = $1,6777216e-27 / 2,5e-37$ = 6,7108864e+9

=

Mim = $1,6777216e-27 \text{ s}^2 \times 4$ = 6,7108864e-27

=

Mim = $6,7108864e-27 / 1,68e-27 = 3,9945752380952380952380952380952$

=

= $1 / 0,504 = 1,984126984126984126984126984127 \text{ m/s}$

=

Mim = $0,672 \times 1,6384$ = 1,1010048

Mim = $70,4643072 / 64$ = 1,1010048

Mim = $13,44 / 12,20703125$ = 1,1010048

= $8,881784197001252323389 /$

=

Mim = $1,3125 \times 1,6384$ = 2,1504

Mim = $6,72 \text{ s} / 3,125 \text{ s}$ = 2,1504

= $21 / \text{di}^2 = 21 (3,125)^2$ = 2,1504

= $0,672 \times 3,2$ = 2,1504

=

Mim = $4,16666667 \text{ s}^2/\text{m} / 0,9 \text{ 920634 920634 920634}$ = 4,2

Mim = $105 / 25 = 21 / 5$ = 4,2

Mim = $7 / \text{ms} / 1,6666667 / \text{ms}$ = 4,2

Mim = $0,7 / \text{ms}^2 \times 6 \text{ ms}^2$ = 4,2

Mim = $1680 / 400$ = 4,2

Mim = $21\text{s}^2 / 5\text{s}^2$ = 4,2

Mim = $0,672 \times 6,25$ = 4,2

= $26,25 / 6,25$ = 4,2

Mim = $1 / 32,768$ = 0,030517578125

Mim = $137,6256 / 1,025390625$ = 134,217728

= $137,6256 / 136,53333333333333$ = 1,008 m/s^2

Mim = $9,375 \text{ m/s}^2 / 1,008 \text{ m/s}^2$ = 9,3005952380952380952380952380952

Mim = $1,4880952380952380952380 \times 6,25$ = 9,3005952380952380952380952380952

=

Mim	= 32,768 x 4,2	= 137,6256
Mim	= 13,44 x 10,24	= 137,6256
Mim	= 6,88128 x 20	= 137,6256
Mim	= 2,1504 x 64	= 137,6256
Mim	= 1,1010048 x 125	= 137,6256
Mim	= 84 x 1,6384	= 137,6256
Mim	= 1 / 7,26609002976 190476 e-3	= 137,6256
	=	
	= 4,166666667 / 0,030517578125	= 136,53333
	=	
	= 1,00663296 x Nun	= 1,00663296e+6 m
	= 9,375e+8 / 137,6256	= 6,8119594029017857e+6 m
	=	
	= 1,00663296 x 26,25 x 1,e+6	= 2,64241152e+7 m
	= 9,375e+8 / 32,768	= 2,86102294921875e+7 m
	=	
	= 4,57763671875e-12 m	
	=	
Mim	= 9,31322574615478515625e+8 / 12,20703125	= 7,62939453125e+7
	=	
Mim	= 9,375e+8 / 13,5291469824 = 6,9294834420794532412574404761905e+7	
	=	
Mim	= 42 s / 32 s	= 1,3125
Mim	= 7 /ms / 5,3333333 /ms	= 1,3125
Mim	= 4,2 / 3,2	= 1,3125
Mim	= 3,5 /m x 0,375 m	= 1,3125
Mim	= 525 / 400	= 1,3125
Mim	= 0,1875 ms x 7 /ms	= 1,3125
Mim	= 315 ms / 240 ms	= 1,3125
Mim	= 1,30208333333 s ² /m x 1,008 m/s ²	= 1,3125
Mim	= 525 / 400 = 21/16	= 1,3125
	= 13,44 / 10,24	=
	=	
Mim	= 3,75 ms / 1,92 ms	= 1,953125
Mim	= (1,25 s ²) ³	= 1,953125
Mim	= 9,765625 s ² / 5 s ²	= 1,953125
Mim	= 2,5 / 1,28	= 1,953125
Mim	= 6,25 / 3,2	= 1,953125
Mim	= (1,953125) ²	= 3,814697265625
	=	
Mim	= 1,3125 x 1,6384	= 2,1504
Mim	= 6,72 s / 3,125 s	= 2,1504
	= 21 / di ² = 21 (3,125) ²	= 2,1504
	= 0,672 x 3,2	= 2,1504
	=	
Mim	= (1,3125) ⁿ	= 1,72265625
Mim	= 1 / 1,3125 = 0,76190476190476190476190476190476	
	=	

Mim	= 137,6256 x 0,761904761904761904761904761	= 104,8576
Mim	= (10,24)²	= 104,8576
Mim	= 16,777216 x 6,25	= 104,8576
Mim	= 5,24288 x 20	= 104,8576
Mim	= 1,6384 x 64	= 104,8576
Mim	= 1,024e+3 / 9,765625	= 104,8576
	=	
	= 136,53333 x 0,761904761904761904761904761	= 104,02539682537142857
	=	
	= 104,8576 / 1,008 = 104,0253968253968253968253968254 s²/m	
	=	
Mim	= 1,5 / 1,008	= 1,4880 952380 952380
	=	
Mim	= 595,2380952380952380952380952381	

2.14. Energieverschiebungsgrößen, Umfang eines Kreises, (Mim x 2di r),

$$\begin{aligned}
 &= 1,008 / 1,0013580322265625 &&= 1,00663296 \text{ m} \\
 &= 9,8304 \text{ ms}^2 / 9,765625 \text{ s}^2 &&= 1,00663296 \text{ m} \\
 &= 368,64 \text{ m}^2/\text{s}^2 / 366,2109375 \text{ m/s}^2 &&= 1,00663296 \text{ m} \\
 &= 2,7306666667\text{e-3} / 2,712673611111 \text{ e-3} &&= 1,00663296 \text{ m} \\
 &= 0,375 \text{ m} (1,6384)^2 &&= 1,00663296 \text{ m} \\
 &= 7,3728\text{e+22} \text{ m}^2/\text{s} / 7,32421875 \text{ e+22} \text{ m/s} &&= 1,00663296 \text{ m} \\
 &= 96 / 95,367431640625 &&= 1,00663296 \text{ m} \\
 &= 5,859375\text{e+27} / 5,82076609134674072265625\text{e+27} &&= 1,00663296 \text{ m} \\
 &= 0,375 \text{ m} \times 2,68435456 &&= 1,00663296 \text{ m} \\
 &= 1,2 \text{ m} / 1,1920928955078125 &&= 1,00663296 \text{ m} \\
 &= && \\
 &= (1,0033109986439897490216075569995)^2 &&= 1,006698496 \text{ m} \\
 &= 5,5296\text{e+12} / 5,4931640625\text{e+12} \text{ m}^2 &&= 1,006698496 \text{ m} \\
 &= && \\
 1 \text{ eV} &= 1,00663296 \text{ m} \times e &&= 1,610612736\text{e-19} \text{ m} \\
 t_{Gr} &= 1,610612736\text{e-19} \text{ m} / 1,5\text{e-23} \text{ m/s} &&= 1,073741824\text{e+4} \text{ s} \\
 &= && \\
 t_{Gr} &= 1,610612736\text{e-19} \text{ m} / 3,\text{e+8} \text{ m/s} &&= 5,36870912\text{e-28} \text{ s} \\
 &= 1,78956970667\text{e-36} \text{ s}^2/\text{m} \times 3,\text{e+8} &&= 5,36870912\text{e-28} \text{ s} \\
 m_{Gr} &= 1,610612736\text{e-19} \text{ m} / 9,\text{e+16} &&= 1,78956970667\text{e-36} \text{ s}^2/\text{m} \\
 &= && \\
 &= 1,1010048 \times 1,00663296 \text{ m} &&= 1,108307720798208 \text{ m} \\
 &= && \\
 Mim &= (1,00663296 \text{ m})^2 &&= 1,0133099161583616 \text{ m}^2 \\
 &= 0,98686491077791692482100592719184 / \text{m}^2 && \\
 &= 1,0133099161583616 \text{ m}^2 \times 4,4444444\text{e+19} &&= 4,503599627370496\text{e+19} \\
 &= && \\
 &= \sqrt{1,00663296} &&= 1,0033109986439897490 \text{ m}^{1/2} \\
 &= 2,351510153071850 \text{ e+6} / 2,34375\text{e+6} &&= 1,0033109986439897490 \\
 &= 1837,1173070873835736479630 / 1831,0546875 &&= 1,0033109986439897490 \\
 &= 1,6\text{e+5} \times 1,00663296 \text{ m} &&= 1,610612736\text{e+5} \text{ m} \\
 &= && \\
 &= 1,00663296 \times \text{Nun} &&= 1,00663296\text{e+6} \text{ m} \\
 &= 9,375\text{e+8} / 106,25 &&= 8,8235294117647058823529411764706\text{e+6} \text{ m} \\
 &= 1,00663296 \times 26,25 \times 1,\text{e+6} &&= 2,64241152\text{e+7} \text{ m} \\
 &= && \\
 &= 9,375\text{e+8} / 32,768 &&= 2,86102294921875\text{e+7} \text{ m} \\
 &= 4,57763671875\text{e-12} \text{ m} \times 6,25\text{e+18} &&= 2,86102294921875\text{e+7} \text{ m} \\
 &= 1,5\text{e-10} / 32,768 &&= 4,57763671875\text{e-12} \text{ m} \\
 &= && \\
 &= 1,5\text{e-10} / 860,16 &&= 1,7438616071428571428571428571429\text{e-13} \\
 &= &&= 1,0899135044642857142857142857143\text{e+6} \text{ m} \\
 Mim &= 2,86102294921875\text{e+7} / 1,08991350446428571\text{e+6} = 26,25 \\
 &= &&
 \end{aligned}$$

r_{Gr}	$= 0,375 \text{ m} / 6,25$	$= 0,06 \text{ m}$
	$= 1,44 \text{ m}^2 / 24 \text{ m}$	$= 0,06 \text{ m}$
	$= 1,00663296 \text{ m} / 16,777216$	$= 0,06 \text{ m}$
	$= 6 \text{ ms}^2 / 100 \text{ s}^2$	$= 0,06 \text{ m}$
	$= 1 / 16,66667 / \text{m}$	$= 0,06 \text{ m}$
	$= 0,96 \text{ ms}^2 / 5 \text{ s}^2$	$= 0,192 \text{ m}$
	$= 1,2 / 6,25$	$=$
	$=$	$=$
	$= 1,00663296 \text{ m} / 3,2$	$= 0,3145728 \text{ m}$
	$=$	$=$
	$= 0,3145728 \text{ m} \times 10 \text{ s}$	$= 3,145728 \text{ ms}$
	$=$	$=$
	$= 0,06 \text{ m} \times 6,25$	$= 0,375 \text{ m}$
	$= c_{Gr} \times t_{Gr} = 9,375e-5 \text{ m/s} \times 4000 \text{ s}$	$= 0,375 \text{ m}$
	$= 3 \text{ ms}^3 / 8 \text{ s}^3$	$= 0,375 \text{ m}$
	$= 9,375e+8 \text{ m} / 2,5e+9$	$= 0,375 \text{ m}$
	$= 1,5e-10 \text{ m} \times 2,5e+9$	$= 0,375 \text{ m}$
	$= 1,5 \text{ m/s}^2 / 4 / \text{s}^2$	$= 0,375 \text{ m}$
	$= 0,234375 \text{ m/s} \times 1,6 \text{ s}$	$= 0,375 \text{ m}$
	$= 0,75 \text{ m/s} \times 0,5 \text{ s}$	$= 0,375 \text{ m}$
	$= 0,375 \text{ m} \times Mim$	$= 0,6144 \text{ m}$
r_{Gr}	$= 0,375 \text{ m} \times 1,6384$	$= 0,6144 \text{ m}$
	$= 6 \text{ ms}^2 / 9,765625 \text{ s}^2$	$= 0,6144 \text{ m}$
	$= 0,06 \text{ m} \times 10,24$	$= 0,6144 \text{ m}$
	$= 1,96608 \text{ m} / 3,2$	$= 0,6144 \text{ m}$
	$= 12,288 \text{ m} / 20$	$= 0,6144 \text{ m}$
	$= 9,8304 / 16$	$= 0,6144 \text{ m}$
	$= 1,6384 \times 0,375 \text{ m}$	$= 0,6144 \text{ m}$
	$= 1 / 1,6276041666667 / \text{m}$	$= 0,6144 \text{ m}$
	$=$	$=$
	$= 0,375 \text{ m} \times 1,953125$	$= 0,732421875 \text{ m}$
	$=$	$=$
	$= 0,285714 \text{ } 28571 \text{ } 4285714 \text{ m} \times 4,2$	$= 1,2 \text{ m}$
	$= 0,375 \text{ m} \times 3,2$	$= 1,2 \text{ m}$
	$= 2,4 \text{ m/s} \times 0,5 \text{ s}$	$= 1,2 \text{ m}$
	$= 15 \text{ m/s} / 12,5 / \text{s}$	$= 1,2 \text{ m}$
	$= 7,5 \text{ m} / 6,25$	$= 1,2 \text{ m}$
	$= 3 \text{ ms}^3 / 2,5 \text{ s}^3$	$= 1,2 \text{ m}$
	$= 1 / 0,8333333333$	$= 1,2 \text{ m}$
	$= 6 / 5$	$= 1,2 \text{ m}$
	$= 1,23456790 \text{ } 123456790 \text{ s}^2/\text{m}^4 \times 0,972 \text{ m}^5/\text{s}^2$	$= 1,2 \text{ m}$
	$=$	$=$
r_{Gr}	$= 0,375 \text{ m} \times 4,2$	$= 1,575 \text{ m}$
	$= 2,7 \text{ m}^3\text{s}^2 / 1,7142857 \text{ } 142857$	$= 1,575 \text{ m}$
	$= 1,125 \text{ m}^2\text{s}^3 \times 1,4 / \text{ms}^3$	$= 1,575 \text{ m}$
	$= 630 \text{ m} / 400$	$= 1,575 \text{ m}$
	$= 1,3125 \times 1,2 \text{ m}$	$= 1,575 \text{ m}$
	$= 1 / 0,634920 \text{ } 634920$	$= 1,575 \text{ m}$
	$= 0,375 \text{ m} + 1,2 \text{ m}$	$= 1,575 \text{ m}$
	$=$	$=$

	$= 4,6875 \text{ m/s} \times 0,5$	$= 2,34375 \text{ m}$
	$= 2di \times r = 6,25 \times 0,375 \text{ m}$	$= 2,34375 \text{ m}$
U_{Um}	$= 1,5e-10 \text{ m} \times 1,5625e+10$	$= 2,34375 \text{ m}$
U_{Um}	$= 2di \times 0,375 \text{ m}$	$= 2,34375 \text{ m}$
	$= 375 \text{ ms}^3 / 160 \text{ s}^3$	$= 2,34375 \text{ m}$
	$= 9,375e-10 \text{ m} \times 2,5e+9$	$= 2,34375 \text{ m}$
	$= 3600 \text{ m}^2 / 1536 \text{ m}$	$= 2,34375 \text{ m}$
	$= 9,375 / 4$	$= 2,34375 \text{ m}$
	$= 3,1640625e+7 / 1,35e+7$	$= 2,34375 \text{ m}$
	$= 1,5625e+10 \times 1,5e-10 \text{ m}$	$= 2,34375 \text{ m}$
	$=$	
	$= 0,285714 \text{ 28571 4285714 m} \times 13,44$	$= 3,84 \text{ m}$
	$= 0,285714 \text{ 28571 4285714 m} \times 26,25$	$= 7,5 \text{ m}$
	$= 0,285714 \text{ 28571 4285714 m} \times 84$	$= 24 \text{ m}$
	$= 0,285714 \text{ 28571 4285714 m} \times 525$	$= 150 \text{ m}$
	$=$	
	$= 6,144e+5 / 6,25e+18$	$= 9,8304e-14 \text{ m}$
	$=$	
	$= 6,25 \times 1,2 \text{ m}$	$= 7,5 \text{ m}$
	$= 15 \times 0,5 \text{ s}$	$= 7,5 \text{ m}$
	$=$	
	$= 9,7788870334625244140625 \times 1,00663296 \text{ m}$	$= 9,84375 \text{ m}$
	$= 8,203125 \times 1,2 \text{ m}$	$= 9,84375 \text{ m}$
	$= 1,0013580322265625 / \text{s}^2 \times 9,8304 \text{ ms}^2$	$= 9,84375 \text{ m}$
	$= 1,575 \text{ m} \times 6,25$	$= 9,84375 \text{ m}$
	$=$	
Mim	$= 9,84375 \text{ m} / 0,375$	$= 26,25$
Mim	$= 9,84375 \text{ m} / 1,2 \text{ m}$	$= 8,203125$
Mim	$= 9,84375 \text{ m} / 3,84$	$= 2,5634765625$
Mim	$= 9,84375 \text{ m} / 7,5 \text{ m}$	$= 1,3125$
Mim	$= 9,84375 \text{ m} / 2,34375 \text{ m}$	$= 4,2$
Mim	$= 2,4380952380952380952380952380952$	
Mim	$= 15,238095238095238095238095238095$	
	$= 9,84375 \text{ m} \times \text{Nun}$	$=$
	$=$	
	$= 9,4921875$	
	$= 12,20703125 \times 1,00663296 \text{ m}$	$= 12,288 \text{ m}$
	$=$	
	$= 1,2 \text{ m} \times 12,20703125$	$= 14,6484375 \text{ m}$
	$= 0,375 \text{ m} \times 39,0625$	$= 14,6484375 \text{ m}$
	$=$	
	$= 6,25 \times 3,84 \text{ m}$	$= 24 \text{ m}$
	$= 15 \times 1,6 \text{ s}$	$= 24 \text{ m}$
	$=$	
	$= 6,25 \times 24 \text{ m}$	$= 150 \text{ m}$
	$=$	
	$= c \times 3,125 \text{ s}$	$= 9,375e+8 \text{ m}$
	$=$	

	= $U_{um} \times Mim$	=
	= 1,00663296 m x 1,1010048	= 1,108307720798208 m
	=	= 0,375 m
	=	= 1,2 m
	= 2,34375 m x 1,6384	= 3,84
	= 6,25 x 2,34375 m	= 14,6484375 m
	= 6,25 x 3,84 m	= 24 m
	= 39,0625 / 1,6276041667 /m	= 24 m
	= 6,25 x 24	= 150 m
	= 6,25 x 150	= 937,5 m
	= 6,25 x 245,76 m	= 1536 m
	= 6,25 x 1536	= 9.600 m
	=	
	= 9,375e+8 m / 8,88178419700125232338905334472	= 1,05553116266496e+8 m
	= 9,375e+8 / 595,2380952380952	= 1,575e+6 m
U_p	= 9,31322574615478515625e+8 x 1,00663296 m	= 9,375e+8 m
	=	
	= $di^2 / 6 \text{ ms}^2$	= 1,6276041667 /m
	= 1,171875 ms x 3,2	= 3,75 ms
	=	
	= 931,322574615478515625	
	= 9,8304 / 9,375	= 1,048576 /s ²
	= (1,024 /s) ²	= 1,048576 /s ²
	= 24,576 m/s / 23,4375 ms	= 1,048576 /s ²
	= 3,24e+16 / 3,08990478515625e+16	= 1,048576 /s ²
	= 32 s / 30,517578125	= 1,048576 /s ²
	=	
	= 2,1575637860082304526748971193416	
	= 1,008 / 1,0033313737017440721144424848129	= 1,004653125
	= 6 / 1,0033313737017440721144424848129	= 5,980078125
	= 8 / 1,0033313737017440721144424848129	= 7,9734375
	=	
	= 2,73 / 2,72 =	= 1,00367647058823529411764
	= 1,62760416667 /m / 1,6 253968 253968 s ² /m	= 1,0013580322265625 /s ²
	=	
f_{Gr}	= 9,765625 s ² / 6 ms ²	= 1,627604166667 /m
	=	
	= $di^4 / 90$	= 1,0596381293402778
	= 1,0596381293402778 x 6	= 9,1552734375
Mim	= 1,5e-10 / 9,8304e-14	= 1.525,87890625
Mim	= (1,953125) x 400	= 1.525,87890625
	=	
Mim	= 26,25 x 2,5e+9	= 6,5625e+10
Mim	=	

Mim	= 9,375e+8 m / 1,00663296 m	= 9,31322574615478515625e+8
Mim	= (HL) ² / (1,6384) ² = (2,5e+9) / (1,6384) ²	= 9,31322574615478515625e+8
Mim	= 1,5e-10 m / 1,610612736e-19 m	= 9,31322574615478515625e+8
	=	
Mim	= 1,073741824e+4 / 5,36870912e-28 s	= 2,e+31
	=	
Mim	= 2,5e+9 / 9,31322574615478515625e+8	= 2,68435456
	=	
Mim	= 1,68e-27 x 5,82076609134674072265625e+27	= 9,7788870334625244140625
	=	
Mim	= 9,7788870334625244140625 / 8,881784197001252	= 1,1010048
	=	
Mim	= 1,00663296 m x 6,66667e-27 /m	= 6,7108864e-27
	=	
Mim	= 9,375e+8 m / 1,610612736e-19 m	= 5,82076609134674072265625e+27
	= 1 / (1,008 x 1,66667e-27)	= 5,952380952380952380952e+26
Mim	= 5,8207660e+27 / 5,95238095238e+26	= 9,7788870334625244140625
	=	
	= 1,00663296 m x 1,e+8	= 1,00663296e+8 ms ²
	=	
Mim	= 1,5 m/s ² / 1,008 m/s ²	= 1,48 809523 809523
	= 1,48809523809523809 x 400	= 595,2380952380
	=	
a _{Gr}	= 6,88128 x 1,008 m/s ²	= 6,93633024 m/s ²
	=	
	= 9.000 m ² /s ³ / 1,008 m/s ²	= 8,92857 142857 142857 e+3 m/s
	= 1,008 m/s ² / 45 m ² s ²	= 0,0224
	= 1.05 / 1.008	= 1,04166666667
	=	
m _p	= 1,68 e-27 / 1,008 m/s ²	= 1,6666667e-27 s ² /m
a	= 4,76190 476190 e+24 x 126 m/s ²	= 6,e+26 m/s ²
	= 1,68 e-27 / 3 ms ³	= 5,6e-28 /ms ³
	=	
Mim	= 3,75 ms / 1,92 ms	= 1,953125
	=	
Mim	= 9,8304 ms ² / 4,032 ms ²	= 2,4380 523809
	=	

Mim	= 1,008 m/s ² x 1,66667e-27 s ² /m	= 1,68 e-27
Mim	= 1 / 5,952380 952380 952380 e+26	= 1,68 e-27
Mim	= 2,5e-27 x 0,672	= 1,68 e-27
	=	
Mim	= 1,6e-19 / 1,68e-27	= 9,52380 952380 952380 e+7
Mim	= 5,6e-28 /ms ³ / 1,4 /ms ³	= 4,e-28
Mim	= 1,68 e-27 / 4,e-28	= 4,2
Mim	= 1,05 s ² x 5,952380 952380	= 6,25
	=	
Mim	= 1,68e-27 x 3,90625e+37	= 6,5625e+10
Mim	= 1,e+12 / 15,2380 952380	= 6,5625e+10
Mim	= 4,2 x (2500) ³	= 6,5625e+10
Mim	= 4,2 / 6,4e-11	= 6,5625e+10
Mim	= 6,51041666667e+10 s ² /m x 1,008 m/s ²	= 6,5625e+10
Mim	= 26,25 x 2,5e+9	= 6,5625e+10
	=	
m _{Kaf}	= 6,5625e+10 / 1,008	=
	=	
Mim	= 8,1e+33 / 1,0125	= 8,e+33
	=	
Mim	= 1,25e+44 / (HL) ⁹ x 64	= 1
	=	
	= 1,0416666667 /ms ² x 14,0625 m ² s ²	= 14,6484375 m
	=	
	= 1 / (2500) ³	= 6,4e-11
	=	
	= 1,769472e+11	
	=	
Mim	= 1,3125 / 1,1920928955078125	= 1,1010048
Mim	= 13,44 / 12,20703125	= 1,1010048
Mim	= 0,672 x 1,6384	= 1,1010048
Mim	= 1,05 s ² x (1,024 /s) ²	= 1,1010048
Mim	= 1,05 s ² x 1,048576 /s ²	= 1,1010048
Mim	= 6,88128 / 6,25	= 1,1010048
Mim	= 1,6384 / 1,4880952380952380952380952380	= 1,1010048
Mim	= 9,7788870334625244140625 / 8,881784197001252	= 1,1010048
	= 1,1010048 x 0,375 m	= 0,4128768 m
	= 1,1010048 x 1,00663296 m	= 1,108307720798208 m
	= 1,1010048 x 1,2 m	= 1,32120576 m
	= 1,1010048 x 3,84 m	= 4,227858432 m
	=	
		= 1,0986328125 m ² s ²
	= 1,1010048 / 1,00663296 m	= 1,09375 /m
Mim	= 1,09375 /m x 3,84 m	= 4,2
Mim	= 1,09375 /m x 1,2 m	= 1,3125

Mim	= 1,6384 x 1,56462192535400390625	= 2,5634765625
Mim	= 1,09375 /m x 0,375 m	= 0,41015625
	= 1 / 2,4380952380952380952380952380952	= 0,41015625
	=	
Mim	= 12,20703125 / 10,24	= 1,1920928955078125
	= 100,13580322265625 / 84	= 1,1920928955078125
	=	
Mim	= 1,1920928955078125 x 1,6384	= 1,37438953472
	=	
	= 1,37438953472 x 9,7788870334625244140625	= 13,44
	= 13,44 / 4,2	= 3,2
Mim	= 1,45 x 0,95	= 1,3775
	=	
Mim	= 1 / 0,672	= 1,488095238095238095238095238
	= 1,6384 / 1,1010048	= 1,488095238095238095238095238
	=	
Mim	= 2,5634765625 / 1,6384	= 1,56462192535400390625
Mim	=	= 1,6384
Mim	=	= 1,953125
Mim	= 0,672 x 3,2	= 2,1504
Mim	= 2,4380952380952380952380952380952	
Mim	= 32,768 / 26,25 = 1,2483047619047619047619047619048	
Mim	= 1,1920928955078125 x 4,2	= 5,0067901611328125
	= 1,56462192535400390625 x 3,2	= 5,0067901611328125

2.15. Gradienten der Bindungsenergie bezogen nach Proton p_{be} , Stabile Energie Zustand, im Kernphysikalischen Prozess ausgetauschte Energiegradienten

$$\begin{aligned}
 U_p &= & &= 9,375e+8 \\
 &= 9,375e+8 \text{ m} / 8,88178419700125232338905334472 & &= 1,05553116266496e+8 \text{ m} \\
 &= 9,375e+8 / Mim & &= \\
 &= 9,375e+8 / 1.680 & &= 5,5803571428571428571428571428571e+5 \text{ m} \\
 &= 9,375e+8 / 1,28e+3 & &= 7,32421875e+5 \text{ m} \\
 &= 0,375 \text{ m} \times Nun & &= 0,375e+6 \text{ m} \\
 &= & &= \\
 &= 1,00663296 \times Nun & &= 1,00663296e+6 \text{ m} \\
 &= 9,375e+8 \text{ m} / 931,322574615478515625 & &= 1,00663296e+6 \text{ m} \\
 &= 1,2 \times Nun & &= 1,2e+6 \text{ m} \\
 &= & &= \\
 &= 2,34375 \times Nun & &= 2,34375e+6 \text{ m} \\
 &= & &= \\
 &= 3,84 \times Nun & &= 3,84e+6 \text{ m} \\
 &= & &= \\
 &= 9,375e+8 \text{ m} / 125 & &= 7,5e+6 \text{ m} \\
 &= 7,5 \text{ m} \times Nun & &= 7,5e+6 \text{ m} \\
 &= & &= \\
 &= 12,20703125 \times 1,00663296e+6 & &= 1,2288e+7 \text{ m} \\
 &= 9,375e+8 / 76,2939453125 & &= 1,2288e+7 \text{ m} \\
 &= 1,2 \times (Nun)^2 & &= \\
 &= 1,2e-12 \text{ m} & &= \\
 Mim &= 1,2e-12 / 1,430511474609375e-12 & &= 0,8388608 \\
 &= & &= \\
 &= 9,375e+8 \times 3,2 & &= 3,e+9 \text{ m} \\
 &= & &= \\
 Mim &= & &= 476,837158203125 \\
 &= & &= \\
 &= 1,5e-10 \times (64)^2 & &= 6,144e-7 \text{ m} \\
 &= & &= \\
 &= 1,5e-10 \times 3,28125e+3 & &= 4,921875e-7 \text{ m} \\
 &= & &=
 \end{aligned}$$

2.16. Quarks, Quark-Gluon-Plasmen!

Down (d)!

$$= 9,375e+8 / 204,8 = 4,57763671875e+6 \text{ m !}$$

$$\text{Mim} = 10,24 / 9,7788870334625244140625 = 1,0471539312152380952380952380952$$

$$= 9,375e+8 / 195,57774066925048828125 = 4,7934902857142857142857e+6 \text{ m}$$

Up (u)!

$$(u) = 9,375e+8 \text{ m} / 421,05263157894736842105263157 = 2,2265625e+6 \text{ m}$$

=

$$= 9,375e+8 / 476,837158203125 = 1,96608e+6 \text{ m}$$

$$= 1,953125e+6 \times 1,00663296 \text{ m} = 1,96608e+6 \text{ m}$$

=

$$\text{Mim} = 9,7788870334625244 / 8,881784197001252323389 = 1,1010048$$

=

$$\text{Mim} = 4,7619047619047619047619047619048e+6$$

$$\text{Mim} = 195,57774066925048828125$$

$$\text{Mim} = 20 / 4,2$$

$$= 4,76190 \ 476190 \ 476190$$

$$\text{Mim} = 6,25 / 1.3125$$

$$= 4,76190 \ 476190 \ 476190$$

=

Strange (s) !

$$(s) = 9,375e+8 \text{ m} / 9,7788870334625244140625 = 9,5869805714285714285714285714286e+7 \text{ m !}$$

Charm (c) !

$$= 9,375e+8 \text{ m} \times 1,37438953472 = 1,2884901888e+9 \text{ m}$$

=

Bottom (b) !

$$= 9,375e+8 \times 5,24288 = 4,9152e+9 \text{ m !}$$

Top (t) !

$$(t) = 9,375e+8 \text{ m} \times 186,01190476190476190476190 = 1,743861607142857e+11 \text{ m}$$

=

$$\text{Mim} = 1,953125 / 0,95 = 2,0559210526315789473684210526316$$

=

$$\text{Mim} = 1,0471539312152380952380952380952$$

=

$$= 9,375e+8 \text{ m} \times 1,953125 = 1,8310546875e+9 \text{ m}$$

=

$$= 9,375e+8 \text{ m} \times 3,2 = 3,0e+9 \text{ m}$$

=

$= 9,375e+8 \text{ m} \times 6,25$	$= 5,859375e+9 \text{ m}$
$=$	
$= 9,375e+8 \text{ m} \times 12,20703125$	$= 1,1444091796875e+10 \text{ m}$
$=$	
$= 9,375e+8 \text{ m} / 125$	$= 7,5e+6 \text{ m}$
$= 9,375e+8 \text{ m} \times 204,8$	$= 1,92e+11 \text{ m}$
$=$	
$= 9,375e+8 \text{ m} \times 181,25$	$= 1,69921875e+11 \text{ m}$
$=$	
$= 9,375e+8 / 10,24$	$= 9,1552734375e+7 \text{ m}$
$=$	
(mu)! $= 9,375e+8 \text{ m} / 8,8817841970012523233890$	$= 1,05553116266496e+8 \text{ m}$
$=$	
$= 9,375e+8 \text{ m} \times 84$	$= 7,875e+10 \text{ m}$
$=$	
$= 1,5e-10 \text{ m} / 1,024e+25$	$= 1,46484375e-35 \text{ m}$
$=$	
$= 1,46484375e-35 / 3,e+8$	$= 4,8828125e-44 \text{ s}$
$=$	
$= 1,953125 \times 3,125 \text{ s}$	$= 6,103515625 \text{ s}$
$= 4,8828125e-44 \text{ s} \times 1,25e+44$	$= 6,103515625 \text{ s}$
$=$	
$= 1,46484375e-35 \text{ m} \times 6,103515625 \text{ s}$	$= 8,94069671630859375e-35$
$=$	
$=$	$= 4,6875e-34 \text{ ms}$
$=$	
$= 1,03079215104e+7 \text{ m}$	
$=$	

2.17. Helium-Massen defekt!

$$= 1,5e-10 / 32,768 \qquad = 4,57763671875e-12 \text{ m}$$

$$= 4,57763671875e-12 \text{ m} \times 6,25e+18 \qquad = 2,86102294921875e+7 \text{ m}$$

$$= 2,86102294921875e+7 / 4,2 = 6,8119594029017857142857142857143e+6 \text{ m}$$

Mim $= 2,86102294921875e+7 / 7,5e+6 \text{ m} \qquad = 3,814697265625$

$$= 9,375e+8 / 104,8576 \qquad = 8,94069671630859375e+6 \text{ m}$$

$$= 1,430511474609375e-12 \text{ m}$$

$$= 1,5e-23 \times 6,25e+18 \qquad = 9,375e-5 \text{ m/s}$$
$$= 4,6875e-5 \text{ m}$$

2.18. Magnetische Widerstand, Wärmetransport, Wärmedurchgangszahl

$= 1,6777216e-27 \text{ s}^2 \times 1,66667e-27 \text{ s}^2/\text{m}$ $= 2,796202666667e-54 \times E^3$ $= 682,66666667 / 400$ $=$ $=$	$= 2,796202666667e-54 / \text{ms}^2$ $= 682,666667 / \text{ms}^2$ $= 1,70666667 / \text{ms}^2$ $= 10,6666667 / \text{ms}^2$
Mim	
$= 682,666667 / \text{ms}^2 \times 6$ $= (64)^2$ $=$	$= 4.096$ $= 4.096$
$= 79 / 39,0625$ $=$	$= 2,0224$
Mim	
$= 400 \times 4,2$ $= 1,68e-27 / 1,6777216e-27$ $=$ $= 1,6777216e-27 \times 1,e+30$ $=$	$= 1.680$ $= 1,0013580322265625 / \text{s}^2$ $= 1677,7216$
P_{waw}	
$= 1 / 0,50625$ $= 4,93827160 \ 493827160 / 2,5 \text{ s}^3$ $= 1,97530864 \ 197530864 \ e+30 / 1,e+30$ $= 2,84444444 / \text{s}^3\text{m}^2 / 1,44 \text{ m}^2$ $= 1,97530864 \ 197530864 \ \text{s}^3/\text{m}^4 \times \text{Mim}$ $=$	$= 1,97530864 \ 197530864 \ \text{s}^3/\text{m}^4$ $= 1,97530864 \ 197530864 \ \text{s}^3/\text{m}^4$ $= 1,97530864 \ 197530864 \ \text{s}^3/\text{m}^4$ $= 1,97530864 \ 197530864 \ \text{s}^3/\text{m}^4$ $=$
$= 1,0013580322265625 / \text{s}^2 \times 1,97530864 \ 1975 \ \text{s}^3/\text{m}^4$ $=$	$= 5,06937503814697265625$
ρ_{Gr}	
$= 1,2345679012345679012345679012346e+12 \ \text{s}^2/\text{m}^4$	

2.19. Raum-Zeit Operationen, Massendefekt des Atomkerns,

$= s^2 + s^2$	$= s$
$= s + s^2$	$= s$
$=$	
$= s^2/m + s^2/m$	$= s/m$
$=$	
$= s/m + s^2/m$	$= /s$
$=$	
$= /s + s^2/m$	$= /m$
$=$	
$= 11 \times 10 \text{ s}$	$= 110 \text{ s}$
$= 100 \text{ s}^2 + 10 \text{ s}$	$= 110 \text{ s}$
$=$	
$= 0,9920634920634920 + 0,9920634920634920$	$= 1,98412698412698412 \text{ s/m}$
$=$	
$= (4,16666667 \text{ s}^2/m) + (4,16666667 \text{ s}^2/m)$	$= 8,33333 \text{ s/m}$
$=$	
$= 8,33333 \text{ s/m} + 4,16666667 \text{ s}^2/m$	$= 12,5 /s$
$=$	
$= 12,5 /s + 4,16666667 \text{ s}^2/m$	$= 16,6666667 /m$
$=$	
$= 1,048576 \times 9,375$	$= 9,8304 \text{ ms}^2$
$= 6 \times 1,6384$	$= 9,8304 \text{ ms}^2$
$= 1,00663296 \times 9,765625$	$= 9,8304 \text{ ms}^2$
$= 9,48148148148148148 \times 1,0368$	$= 9,8304 \text{ ms}^2$
$=$	
$= 9,7788870334625244140625 \times 1,00663296 \text{ m}$	$= 9,84375 \text{ m}$
$= 8,203125 \times 1,2 \text{ m}$	$= 9,84375 \text{ m}$
$= 1,0013580322265625 /s^2 \times 9,8304 \text{ ms}^2$	$= 9,84375 \text{ m}$
$= 1,575 \text{ m} \times 6,25$	$= 9,84375 \text{ m}$
$=$	
$= 3,1640625e+7 / 3,375e+6$	$= 9,375 \text{ m/s}^2$
$= 1,5 \times 6,25$	$= 9,375 \text{ m/s}^2$
$=$	
$= (3,125 \text{ s})^2$	$= 9,765625 \text{ s}^2$
$=$	
$= 9,765625 \text{ s}^2 \times 0,972$	$= 9,4921875$
$= 8 \text{ di} \times L = 25 /s^2 \times 1,171875 \text{ ms}$	$= 29,296875 \text{ m/s}$
$= 3 \times \text{di}^2 = 9,765625 \text{ s}^2 \times 3 \text{ m/s}^3$	$= 29,296875 \text{ m/s}$
$= 1,46484375 \text{ m/s} \times 20$	$= 29,296875 \text{ m/s}$
$= 19,53125 \text{ s} + 9,765625 \text{ s}^2$	$= 29,296875 \text{ m/s}$
$=$	
$=$	

C_{Gr}

2.20. Gravitationsparameter, Massendämpfungseinheit, Massenschwächungseinheit, Abschirmung, Molarer Absorptionskoeffizient, Massenenergieabsorptionskoeffizient, Massenenergietransferkoeffizient, Sp. Gammastrahlungskonstante, Spezifische Oberfläche, m^3/s^2

$$\begin{aligned}
 &= 3,375 \text{ m}^3 \times 1,0013580322265625 / \text{s}^2 &= 3,3795833587646484375 \text{ m}^3/\text{s}^2 \\
 &= \\
 &= G_G \times m = 6,48\text{e-}11 \times 2,0833333\text{e+}17 &= 1,35\text{e+}7 \text{ m}^3/\text{s}^2 \\
 &= c^4 m_p = 8,1\text{e+}33 \times 1,66667\text{e-}27 &= 1,35\text{e+}7 \text{ m}^3/\text{s}^2 \\
 &= c^4 \times \rho \times r^3 = 8,1\text{e+}33 \times 493,827160493 \times 3,375\text{e-}30 &= 1,35\text{e+}7 \text{ m}^3/\text{s}^2 \\
 &= r c^2 = 1,5\text{e-}10 \text{ m} \times 9, \text{e+}16 &= 1,35\text{e+}7 \text{ m}^3/\text{s}^2 \\
 &= r^3 / t^2 = 3,375\text{e-}30 / 2,5\text{e-}37 &= 1,35\text{e+}7 \text{ m}^3/\text{s}^2 \\
 &= L c / m = 7,5\text{e-}29 \text{ ms} \times 3, \text{e+}8 / 1,66667\text{e-}27 &= 1,35\text{e+}7 \text{ m}^3/\text{s}^2 \\
 &= 9,6\text{e+}7 \text{ m/s}^2 / 7,111111 / \text{m}^2 &= 1,35\text{e+}7 \text{ m}^3/\text{s}^2 \\
 &= c / 22,222222 &= 1,35\text{e+}7 \text{ m}^3/\text{s}^2 \\
 &= \\
 &= (4di)^2 \times 86400 \text{ m}^3 &= 3,375\text{e+}6 \text{ m}^3 \\
 &= 1,35\text{e+}7 \text{ m}^3/\text{s}^2 / 4 &= 3,375\text{e+}6 \text{ m}^3 \\
 &= \\
 \omega^2 &= 493,827160 \times 8,1\text{e+}33 &= 4, \text{e+}36 \\
 &= 4,4444444\text{e+}19 / \text{m}^2 \times 9, \text{e+}16 &= 4, \text{e+}36 \\
 &= \\
 &= 25 \times 4, \text{e+}36 &= 1, \text{e+}38 \text{ s}^2 \\
 &= (1, \text{e+}19 \text{ s})^2 &= 1, \text{e+}38 \text{ s}^2 \\
 &= \\
 &= \omega^2 / c^4 = 4, \text{e+}36 / 493,827160493827160 &= 8,1\text{e+}33 \\
 &= \\
 &= c^2 \times 493,827160493827160 &= 4,4444444\text{e+}19 / \text{m}^2 \\
 &= \\
 \text{Mim} &= 1,35\text{e+}7 / 3,3795833587646484375\text{e+}6 &= 3,9945752380952380952380952380952 \\
 \text{Mim} &= 1,4880952380952380952380952380952380 \times (1,6384)^2 &= 3,9945752380952380952380952380952 \\
 &= \\
 \text{Mim} &= &= 16,777216 \\
 \text{Mim} &= &= 5,24288 \\
 &= 3,3795833587646484375\text{e+}6 / 86400 = 39,11554813385009765625 \\
 &= 39,0625 \times 1,0013580322265625 &= 39,11554813385009765625 \\
 &= \\
 &= 1,35\text{e+}7 \text{ m}^3/\text{s}^2 / 3,375\text{e+}6 \text{ m}^3 &= 4 / \text{s}^2 \\
 &=
 \end{aligned}$$

2.21. Dielektrizitätskonstante des Vakuums, Druck, Energiedichte und Gradienten,

$$\epsilon_0 = 1/U_p = = 1,137777777777778e-18 /m^2$$

$$D_{\text{Feld}} = 4,4444444e+19 /m^2 / 6,25e+18 = 7,111111 /m^2$$

$$= 1,137777777777778e-18 /m^2 \times 6,25e+6 = 7,1111111e-12 /m^2$$

$$= 1,40625e-7 m^2 \times E = 8,7890625e+11 m^2$$

=

$$M_{\text{im}} = 7,111111e+6 / 1,137777777777778e-18 /m^2 = 6,25e+24$$

$$r_p = 1,5e-10 m$$

Thermische Druck

$$p_{\text{Term}} = n_p b_k T_N = = 4,4444444e+19 /m^2$$

$$= \rho b_k \times T / m = = 4,4444444e+19 /m^2$$

Magnetische Druck

$$p_{\text{Mag}} = (2,083333e+10)^2 / 9,765625 = 4,4444444e+19 /m^2$$

Gravitation Druck

$$p_{\text{Grav}} = c^4 m \rho / r = = 4,4444444e+19 /m^2$$

Strahlungsdruck p_{St} , Strahlungsenergiedichte ($/m^2$)

$$p_{\text{St}} = 1,333333e+28 / c = = 4,4444444e+19 /m^2$$

$$= 1 / L c = = 4,4444444e+19 /m^2$$

=

$$m = r^3 \times \rho =$$

$$= (1,7636326148038882307020445337882e+11)^2 = 3,1104e+22$$

=

$$= = 1,215$$

$$= = 1,063125$$

$$= = (1,125)^n$$

=

$$\sigma = 493,827160493827160 / 217,013888889 = 2,275555556$$

=

2.22. Radius, Kopplungsparameter und Gradientwerten

$$\begin{aligned}
 r_s &= G_G \text{ m} / c^2 = \\
 &= G_G / c^2 = 6,48\text{e-}11 / c^2 &= 7,2\text{e-}28 \text{ m}^2/\text{s}^2 \\
 &= \\
 r_s &= 7,2\text{e-}28 \text{ m}^2/\text{s}^2 \times m_{Gr} = \\
 r_{Kaf} &= 4,21875 / 9,\text{e+}16 &= 4,6875\text{e-}17 \text{ m} \\
 &= 1,5\text{e-}10 \text{ m} / 3,2\text{e+}6 &= 4,6875\text{e-}17 \text{ m} \\
 &= 7,2\text{e-}28 \text{ m}^2/\text{s}^2 \times 6,510416667\text{e+}10 &= 4,6875\text{e-}17 \text{ m} \\
 &= \\
 R_s &= 7,2\text{e-}28 \text{ m}^2/\text{s}^2 \times m_{Erde} &= 0,00432 \text{ m}^3 \\
 &= 1,728 \text{ m}^3 / 400 &= 0,00432 \text{ m}^3 \\
 &= \\
 &= 7,4074\text{e-}28 \times 6,\text{e+}24 \text{ ms}^2 &= 4,4444444\text{e-}3 \text{ s}^2/\text{m}^2 \\
 &= \\
 Mim &= 4,4444444\text{e-}3 \text{ s}^2/\text{m}^2 \times c^2 &= 4,\text{e+}14 \\
 &= (1,3333333 \text{ s/m})^2 &= 1,7777778 \text{ s}^2/\text{m}^2 \\
 &= 24 \text{ m} / 13,5 \text{ m}^3/\text{s}^2 &= 1,7777778 \text{ s}^2/\text{m}^2 \\
 &= \\
 &= G_G \times m_S / c^2 &= 1.422,22222 \text{ s/m}^2 \\
 &= \\
 &= G_T / c^2 = 6,666667\text{e-}11 / \text{ms}^2 / 9,\text{e+}16 \text{ m}^2/\text{s}^2 &= 7,4074074074\text{e-}28 / \text{m}^3 \\
 &= \\
 &= G_T \times m_S / c^2 &= 1,4631915866483767718335619570187\text{e+}3
 \end{aligned}$$

$$\begin{aligned}
&= 1,215e+44 / 1,25e+44 &&= 0,972 \text{ m}^5/\text{s}^2 \\
&= G_G / G_T = 6,48e-11 / 6,66666667e-11 &&= 0,972 \text{ m}^5/\text{s}^2 \\
&= 1 / 1,0288065843621399176954732510288 &&= 0,972 \text{ m}^5/\text{s}^2 \\
&= 3,1104 \text{ m}^5/\text{s}^2 / 3,2 &&= 0,972 \text{ m}^5/\text{s}^2
\end{aligned}$$

$$\begin{aligned}
&= 7,40740740e-28 / 7,2e-28 = 1,0288065843621399176954732510288 \text{ s}^2/\text{m}^5 \\
&= 1 / 0,972 &&= 1,0288065843621399176954732510288 \\
&= \\
&= 1,0288065843621399176954732510288 \times 1,0013580322265625 = \\
&= 1,0302037368586033950617283950617 / \text{m}^5 \\
&=
\end{aligned}$$

$$\begin{aligned}
&= 1,5 \text{ m/s}^2 \times 3,84 \text{ m} &&= 5,76 \text{ m}^2/\text{s}^2 \\
&= 1,44 \text{ m}^2 / 0,25 \text{ s}^2 &&= 5,76 \text{ m}^2/\text{s}^2 \\
&= 576 \text{ m}^2 / 100 \text{ s}^2 &&= 5,76 \text{ m}^2/\text{s}^2 \\
&= 36 \text{ m}^2/\text{s}^2 / 6,25 &&= 5,76 \text{ m}^2/\text{s}^2 \\
&= 1 / 0,173611111111 \text{ s}^2/\text{m}^2 &&= 5,76 \text{ m}^2/\text{s}^2 \\
&=
\end{aligned}$$

Mim

$$\begin{aligned}
&= 3,2e-30 \\
&= 1,0288065843621399176954732510288 \\
&= 0,972 \times 3,2 &&= 3,1104 \\
&= \\
&= (1,44 \text{ m}^2)^2 &&= 2,0736 \text{ m}^4 \\
&=
\end{aligned}$$

2.23. Explosion-Explodieren, Implosion-Implodieren, Kollaps

$$\begin{aligned}
 &= 1 / (1,5)^4 = 0,19753086419753086419753086419753 \\
 &= \\
 P_{waw} &= 1 / 0,50625 &= 1,97530864 \ 197530864 \ s^3/m^4 \\
 &= 4,93827160 \ 493827160 / 2,5 \ s^3 &= 1,97530864 \ 197530864 \ s^3/m^4 \\
 &= 2,844444444 / s^3 m^2 / 1,44 \ m^2 &= 1,97530864 \ 197530864 \ s^3/m^4 \\
 &= \\
 Mim &= (1,5)^4 \times 493,82716049382716049382716049383 &= 2500 \\
 &= \\
 &= 493,827160493827160 \times 4, e+14 &= 1,9753086419753e+17 \ s^2/m^4 \\
 &= \\
 m_s &= 1,97530864 \ 197530864 \ s^3/m^4 \times Mim &= \\
 &= (Nun)^5 \times 1,97530864 \ 197530864 \ s^3/m^4 &= 1,97530864197530e+30 \ s^3/m^4 \\
 &= \\
 &= 1,97530864197e+30 \ s^3/m^4 / = 1,97530864197e+17 &= 1, e+13 \ s \\
 &= 1,5e-10 / 1,5e-23 &= 1, e+13 \ s \\
 &= \\
 &= 1,97530864197530e+30 \ s^3/m^4 \times r^4/s^3 &= \\
 &= r^4/s^3 = 0,019775390625 \ m^4 \times 1000 \ s^3 &= 19,775390625 \\
 &= \\
 &= 6,48e-11 \times 1,97530e+30 \ s^3/m^4 / (9600 \ m)^2 &= 1,3888889e+12 /sm^2 \\
 &= \\
 &= 3,125 \ s / 2,25 \ s^2 m^2 &= 1,38888889 /sm^2 \\
 &= 8,333333 \ s/m / 6 \ ms^2 &= 1,38888889 /sm^2 \\
 &= 88,8888888 / 64 &= 1,3888888875 /sm^2 \\
 &= 12,5 /s / 9 \ m^2 &= 1,38888889 /sm^2 \\
 &= 7,111111 / 5,12 \ s &= 1,3888888671875 /sm^2 \\
 &= 6,25 / 4,5 \ sm^2 &= 1,38888889 /sm^2 \\
 &= (4/9) \times 3,125 \ s &= 1,38888889 /sm^2 \\
 &= \\
 &= 1,38888889 /sm^2 \times 3 \ ms^3 &= 4,16666667 \ s^2/m \\
 &=
 \end{aligned}$$

2.24. s³-Kopplung-(Nun)⁵, (1,e+30),

$$\begin{aligned}
 P_{Waw} &= 1,97530864 \cdot 197530864 \text{ s}^3/\text{m}^4 \\
 &= m_s \times 1,28 \text{ s}^3 = 2,5283950617283950617283950617284 / \text{m}^4 \\
 &= m_s \times 2,5 \text{ s}^3 = 4,9382716049382716049382716049383 / \text{m}^4 \\
 &= m_s \times 4,096 = \\
 &= m_s \times 8 \text{ s}^3 = 15,802469135802469135802469135802 / \text{m}^4 \\
 &= m_s \times 30,517578125 = 60,281635802469135802469135802469 / \text{m}^4 \\
 &= m_s \times 50 = 98,765432098765432098765432098765 / \text{m}^4 \\
 &= m_s \times 1000 \text{ s}^3 = 1975,3086419753086419753086419753 / \text{m}^4 \\
 &=
 \end{aligned}$$

r⁴-Kopplung

$$\begin{aligned}
 &= (0,375 \text{ m})^4 \times 1,9753086419753086419753 = 0,0390625 \text{ s}^3 \\
 &= (1,44)^2 \times 1,9753086419753086419753 = 4,096 \text{ s}^3 ! \\
 &= (3,84)^4 \times 1,9753086419753086419753 = 429,4967296 \text{ s}^3 \\
 &=
 \end{aligned}$$

s³-Kopplung

$$\begin{aligned}
 Mim &= 1,28 \text{ s}^3 \times 0,0390625 \text{ s}^3 = \\
 &=
 \end{aligned}$$

s³-r⁴-Kopplung

$$\begin{aligned}
 Mim &= 3,1640625 \times 1,9753086419753086419753 \times \text{s}^3/\text{m}^4 = 6,25 \\
 Mim &= 10,125 \text{ m}^4/\text{s}^3 \times 1,9753086419753086419753 \times \text{s}^3/\text{m}^4 = 20 \\
 &= \\
 &= di^2 \times 493,827160493827160 = 4,822530 \cdot 864197530 \cdot 864197530e+3 \\
 &= \\
 Mim &= 1,9753086419753086419753 \text{ s}^3/\text{m}^4 \times 3 \text{ ms}^3 = 5,925925925 / \text{m}^3 \\
 Mim &= 1,430511474609375 \\
 &= \\
 Z_v &= 3,375 \text{ m}^3 \times 2 / \text{s} = 6,75 \text{ m}^3/\text{s} \\
 &= \\
 &= 6,75 \text{ m}^3/\text{s} \times 1,9753086419753086419753 \text{ s}^3/\text{m}^4 = 13,33333333 \text{ s}^2/\text{m} \\
 &= \\
 Mim &= 13,33333333 \text{ s}^2/\text{m} \times 1,008 \text{ m}/\text{s}^2 = 13,44 \\
 &= \\
 &= 6,75e+30 / 1,9753086419753086419753e+30 = 3,4171875 \\
 &= \\
 &= 3,4171875 \text{ s}^2/\text{m} \times 1,008 = 3,444525 \\
 &= \\
 &= (1,92 \text{ ms})^2 = 3,6864 \text{ m}^2\text{s}^2 \\
 &= \\
 r_M &= 6,4e+6 / 3,6864 \text{ m}^2\text{s}^2 = 1,736111111111e+6 \\
 &=
 \end{aligned}$$

$= 1,048576 \times 9,375$	$= 9,8304 \text{ ms}^2$
$= 6 \times 1,6384$	$= 9,8304 \text{ ms}^2$
$= 1,00663296 \times 9,765625$	$= 9,8304 \text{ ms}^2$
$= 9,48148148148148148 \times 1,0368$	$= 9,8304 \text{ ms}^2$
$=$	
$= (3,125 \text{ s})^2$	$= 9,765625 \text{ s}^2$
$=$	
$= 9,765625 \text{ s}^2 \times 0,972$	$= 9,4921875$
$= 1,035630617283950617283950617284$	
$= 1,037037037037037037037037037037$	
$=$	

Drehimpuls (ms), Strahlung Strom (/ms),

$L_{Gr} = 9,375e+8 \times 3,125 \text{ s}$	$= 2,9296875e+9 \text{ ms}$
$=$	

Strahlung Strom (1/ms)

$= 1 / 2,9296875e+9 \text{ ms}$	$= 3,41333333e-10 / \text{ms}$
$=$	

Strahlungsemission, Absorbierte Strahlungsenergie /m²s

$= 1 / (r^2 t)$	$= 8,88888889e+37 / \text{m}^2\text{s}$
$=$	
$= 8,88888889e+37 / \text{m}^2\text{s} / 3,90625e+37$	$= 2,27555556 / \text{m}^2\text{s}$
$= 1 / 0,140625 \text{ m}^2 \times 3,125$	$= 2,27555556 / \text{m}^2\text{s}$
$= 1 / 0,439453125$	$= 2,27555556 / \text{m}^2\text{s}$

2.25. Temperatur

$$= 2,5e-44 \text{ s}$$

$$= 5,e-19 \text{ s}$$

$$= 3,125e-6 \text{ s}$$

$$= 3,125 \text{ s}$$

=

$$= m c^2 = b_k T_T =$$

$$= m p / (b_k \times \rho) =$$

$$= 1,e+13 \text{ s}$$

$$= L / (b_k c m) = 7,5e-29 / 7,5e-42$$

$$= 1,e+13 \text{ s}$$

$$= 1,97530864197e+30 \text{ s}^3/\text{m}^4 / = 1,97530864197e+17$$

$$= 1,e+13 \text{ s}$$

$$= r / b_k = 1,5e-10 / 1,5e-23$$

$$= 1,e+13 \text{ s}$$

$$= (\text{Nun})^2 \times 10 \text{ s}$$

$$= 1,e+13 \text{ s}$$

=

$$= 6,5104166667e+10 \times 3,e+8 \text{ m/s}$$

$$= 1,953125e+19 \text{ s}$$

=

$$= 1,953125e+19 \text{ s} \times 3,2e+6$$

$$= 6,25e+25 \text{ s}$$

$$= 125,e+42 \times 5,e-19 \text{ s}$$

$$= 6,25e+25 \text{ s}$$

=

$$= 3,90625e+44 \text{ s}$$

=

$$= b_k^4 \times T^4 / (L^3 \times c^2) =$$

$$= 1,33333333e+28 \text{ /ms}$$

=

$$= 1,33333333e+28 \text{ /ms} \times 2,25e-20$$

$$= 3,e+8 \text{ m/s}$$

$$= r / t =$$

$$= 3,e+8 \text{ m/s}$$

$$1/c \quad = m / t =$$

$$= 3,3333333e-9$$

$$t \quad = c^4 m^3 / L =$$

$$= 5,e-19 \text{ s}$$

2.26. Sp. Wärmekapazität, Energieerzeugung (m^2/s^3)

$= 125 \times 72 \text{ m}^2/\text{s}^3$	$= 9.000 \text{ m}^2/\text{s}^3$
$=$	
$= 9000 \text{ m}^2\text{s}^3 / 400$	$= 22,5 \text{ m}^2\text{s}^3$
$= 4,166667 \text{ s}^2/\text{m} \times 5,4 \text{ sm}^3$	$= 22,5 \text{ s}^3\text{m}^2$
$= 3,6 \text{ s}^3\text{m}^2 \times 6,25$	$= 22,5 \text{ s}^3\text{m}^2$
$= 6 \text{ ms}^2 \times 3,75 \text{ ms}$	$= 22,5 \text{ s}^3\text{m}^2$
$= 5 \text{ s}^2 \times 4,5 \text{ sm}^2$	$= 22,5 \text{ s}^3\text{m}^2$
$= 9 \text{ m}^2 \times 2,5 \text{ s}^3$	$= 22,5 \text{ s}^3\text{m}^2$
$= 1,5\text{e-}10 \text{ m} \times 1,5\text{e+}11 \text{ ms}^3$	$= 22,5 \text{ s}^3\text{m}^2$
$= 180 \text{ m}^2 / 8 / \text{s}^3$	$= 22,5 \text{ s}^3\text{m}^2$
$= 45 \text{ m}^2\text{s}^2 / 2 / \text{s}$	$= 22,5 \text{ s}^3\text{m}^2$
$=$	
$= (22,5 \text{ s}^3\text{m}^2)^2$	$= 506,25 \text{ m}^4$
$= (22,5)^n$	$=$
$=$	

2.27. Analyse der Stefan-Boltzmann Gleichung, (s²)- Kopplung, B_{Gr}, Verknüpfungen

b_k	= 2,25e-20 m ² / 1500 ms	= 1,5e-23 m/s
T_{Gr}	= L / b _k x c m = 7,5e-29 / 7,5e-42	= 1,e+13 s
	=	
B_{Gr}	= 1,333333e-24 s/m x 1,e+24	= 1,3333333 s/m
	= 4/3	= 1,3333333 s/m
	= b _k / (L ³ c ²) x (Nun) ⁴	= 1,3333333 s/m
B_{Gr}	= 84 / 63 m/s	= 1,3333333 s/m
	= 28 / 21	= 1,3333333 s/m
	= P ₁₉₀₄₇₆ / P ₁₄₂₈₅₇ = 190476 / 142857	= 1,3333333 s/m
	= 8 s ³ / 6 ms ²	= 1,3333333 s/m
	= 324 s / 243 m	= 1,3333333 s/m
	= 4,32 m ³ s ³ / 3,24 m ⁴ /s ²	= 1,3333333 s/m
	= 48 m/s / 36 m ² /s ²	= 1,3333333 s/m
	= 4,5 / 3,375	= 1,3333333 s/m
	= 273,0666667 s/m / 204,8	= 1,3333333 s/m
	=	
B_{Gr}	= b _k ⁴ / (L ³ c ²) = 5,0625e-92 / 3,796875e-68	= 1,33333333e-24 s/m
	= 1,5e-23 m/s / 11,25	= 1,33333333e-24 s/m
	=	
B²	= 493,827160493827160 / 1,1377777778e-18	= 4,34027777778e+20 s ² /m ²
	=	
Mim	= 2,083333333e+10 s/m / 1,33333333e-24 s/m	= 1,5625e+34
E²	= 4,34027777778e+20 s ² /m ² x 9,e+16	= 3,90625e+37
	= 1,33333333e-24 x 4,194304e+16	= 5,5924053333e-8 (/sms ⁴) !
B_{Gr}	= 5,5924053333e-8 /sms ⁴ !	= 5,5924053333e-8 s/m
	=	
	= 1,33333333e-24 x (1,e+13 s) ⁴	= 1,33333333e+28 /ms
	= c / r ² = 3,e+8 / 2,25e-20	= 1,33333333e+28 /ms
Mim	= 5,5924053333e-8 s/m x 1,5e-23 m/s	= 8,388608e-31
Mim	= 1,1920928955078125e+30	
Mim	= 5,5924053333e-8 s/m x 3,e+8	= 16,777216
Mim	= 1,6384 x 10,24	=
	=	
	= 1,3333333 s/m x 3,125 s	= 4,166666667 s ² /m

2.28. Raum-Energie Einheiten,

$$\begin{aligned}
 &= (1837,117307087383573647963 \text{ m}^{1,5})^2 &&= 3,375\text{e}+6 \text{ m}^3 \\
 &= 86400 \text{ m}^3 \times (6,25)^2 &&= 3,375\text{e}+6 \text{ m}^3 \\
 &= (150 \text{ m})^3 &&= 3,375\text{e}+6 \text{ m}^3 \\
 &= && \\
 &= \sqrt{3,375\text{e}+6 \text{ m}^3} &&= 1837,117307087383573647963 \text{ m}^{1,5} \\
 &= && \\
 &= (3,375\text{e}+6 \text{ m}^3)^2 &&= 1,1390625\text{e}+13 \text{ m}^6 \\
 &= 11,390625 \times 1,0\text{e}+12 &&= 1,1390625\text{e}+13 \text{ m}^6 \\
 &= && \\
 &= 3,375\text{e}+6 \text{ m}^3 \times 1,008 \text{ m/s}^2 &&= 3,402\text{e}+6 \text{ m}^4/\text{s}^2 \\
 &= && \\
 &= 366,2109375 \text{ m/s}^2 \times 86400 \text{ m}^3 &&= 3,1640625 \text{ e}+7 \text{ m}^4/\text{s}^2 \\
 T_{\text{Erde}} &= \sqrt{(r_{\text{E-S}})^3 \times 4 \text{ di}^2 / (G_{\text{T}} \text{ m}_\text{S})} && \\
 &= \sqrt{1,318359375\text{e}+35 / 1,3168724279835390\text{e}+20} &&= 3,1640625 \text{ e}+7 \text{ m}^4/\text{s}^2 \\
 &= (6,25 \times r_{\text{S-E}}) / v = 9,375\text{e}+11 / 2,9629629 \text{ e}+4 &&= 3,1640625 \text{ e}+7 \text{ m}^4/\text{s}^2 \\
 &= 6,25 / \omega_{\text{E}} = 6,25 / 1,97530864 \text{ e-7 s}^2/\text{m}^4 &&= 3,1640625 \text{ e}+7 \text{ m}^4/\text{s}^2 \\
 &= 84375 \text{ sm}^3 \times 375 \text{ m/s}^3 &&= 3,1640625 \text{ e}+7 \text{ m}^4/\text{s}^2 \\
 &= && \\
 &= 3,1640625\text{e}+7 \text{ m}^4/\text{s}^2 / 3,375\text{e}+6 \text{ m}^3 &&= 9,375 \text{ m/s}^2 \\
 &= 1,5 \text{ m/s}^2 \times 6,25 &&= 9,375 \text{ m/s}^2 \\
 &= && \\
 \text{Mim} &= 3,1640625\text{e}+7 / 3,402\text{e}+6 = 9,3005952380952380952380952380952 && \\
 \text{Mim} &= 9,375 \text{ m/s}^2 / 1,008 \text{ m/s}^2 = 9,3005952380952380952380952380952 && \\
 &= && \\
 \text{Mim} &= 493,827160493827160 \times 3,402\text{e}+6 &&= 1,68\text{e}+9 \\
 \text{Mim} &= 0,672 \times 2,5\text{e}+9 &&= 1,68\text{e}+9 \\
 &= && \\
 &= 3,402 \text{ m}^4/\text{s}^2 \times \text{Nun} &&= \\
 &= 3,375\text{e}+6 \text{ m}^3 / 3,1414617936457142857 = 1,0743406164692714810371398925781\text{e}+6 \text{ m}^2/\text{s}^3 && \\
 &= && \\
 &= 3,375\text{e}+6 \text{ m}^3 \times 1,0013580322265625 / \text{s}^2 = 3,3795833587646484375\text{e}+6 \text{ m}^3/\text{s}^2 && \\
 &= && \\
 &= 3,375\text{e}+6 / 6,28292358729142857 = 5,371703082346357405185699\text{e}+5 \text{ m}^2/\text{s}^2 && \\
 &= && \\
 &= (4,166667 \text{ s}^2/\text{m})^2 &&= 17,3611111111 / \text{s}^2\text{m}^2 \\
 &= 1,953125 \times 8,8888888 / \text{s}^2\text{m}^2 &&= 17,3611109375 / \text{s}^2\text{m}^2 \\
 &= 1,736111111\text{e}+7 / \text{s}^2\text{m}^2 / 1,0\text{e}+6 &&= 17,3611109375 / \text{s}^2\text{m}^2 \\
 &= 5,4\text{e}+23 \text{ m}^3 / 3,1104\text{e}+22 &&= 17,3611111111 / \text{s}^2\text{m}^2 \\
 &= && \\
 &= 18 \times 125 &&= 2250 \\
 &= && \\
 &= 46 / 2 / \text{s} &&= 23 \text{ s} \\
 &= 3,68 \text{ s} \times 6,25 &&= 23 \text{ s} \\
 &= && \\
 \text{Mim} &= 800 / \text{s} \times 3,125 \text{ s} &&= 2.500
 \end{aligned}$$

	$= (1,3333333 \text{ s/m})^2$	$= 1,7777778 \text{ s}^2/\text{m}^2$
	$= 24 \text{ m} / 13,5 \text{ m}^3/\text{s}^2$	$= 1,7777778 \text{ s}^2/\text{m}^2$
	$= 3,55555556 \text{ s/m}^2 / 2 / \text{s}$	$= 1,7777778 \text{ s}^2/\text{m}^2$
	$= 32 \text{ s} / 18 \text{ m}^2/\text{s}$	$= 1,7777778 \text{ s}^2/\text{m}^2$
	$= 1,1111111 \text{ s/m}^2 \times 1,6 \text{ s}$	$= 1,7777778 \text{ s}^2/\text{m}^2$
	$= 5,76 \text{ m}^2/\text{s}^2 / 3,24 \text{ m}^4/\text{s}^4$	$= 1,7777778 \text{ s}^2/\text{m}^2$
	$= 0,55555556 \text{ s}^2/\text{m}^2 \times 3,2$	$= 1,7777778 \text{ s}^2/\text{m}^2$
	$= 69,444444453125 / 39,0625$	$= 1,7777778 \text{ s}^2/\text{m}^2$
	$= 0,28444444 \text{ s}^2/\text{m}^2 \times 6,25$	$= 1,7777778 \text{ s}^2/\text{m}^2$
	$= 86400 \text{ m}^3 / 48600 \text{ m}^5/\text{s}^2$	$= 1,7777778 \text{ s}^2/\text{m}^2$
	$= 16 / 9$	$= 1,7777778 \text{ s}^2/\text{m}^2$
	$=$	
	$= 1,77777778 \times 6,25$	$= 11,111111 \text{ s}^2/\text{m}^2$
	$=$	
	$= 86400 / 6,25$	$= 13824 \text{ m}^3$
	$= (24 \text{ m})^3$	$= 13824 \text{ m}^3$
	$= 3,375\text{e}+6 \text{ m}^3 / (6,25)^3$	$= 13824 \text{ m}^3$
	$= (150 \text{ m})^3$	$= 3,375\text{e}+6 \text{ m}^3$
	$= 3,375\text{e}+6 \text{ m}^3 / 39,0625$	$= 86.400 \text{ m}^3$
	$=$	
	$= 3,1640625\text{e}+7 / 3,375\text{e}+6$	$= 9,375 \text{ m/s}^2$
	$= 1,5 \times 6,25$	$= 9,375 \text{ m/s}^2$
	$=$	
	$= (3,125 \text{ s})^2$	$= 9,765625 \text{ s}^2$
	$=$	
	$= 9,765625 \text{ s}^2 \times 0,972$	$= 9,4921875$
	$= G_G \text{ m}_E / (r_E) = 6,48\text{e}-11 \times 6,\text{e}+24 / 4,096\text{e}+13$	$= 9,4921875$
	$=$	
	$= 9,4921875 / 1,5$	$= 6,328125 \text{ m}^4/\text{s}^2$
	$= 1,0125 \text{ m}^4/\text{s}^2 \times 6,25$	$= 6,328125 \text{ m}^4/\text{s}^2$
	$=$	
	$= 6,328125 / 2$	$= 3,1640625$
	$=$	
	$= 9,8304 \text{ ms}^2 \times 1,008 \text{ m/s}^2$	$= 9,9090432 \text{ m}^2$
	$= 9 \times 1,1010048$	$= 9,9090432 \text{ m}^2$
	$=$	
	$= 9,8304 \text{ ms}^2 / 1,008 \text{ m/s}^2 = 9,752380952380952380952381 \text{ s}^2$	$= 1,0013580322265625 / \text{s}^2$
	$= 9,765625 \text{ s}^2 / 9,752380952380952380952381 \text{ s}^2$	$=$
	$=$	
	$= 1,8371173070873835736479630560294\text{e}+9$	
	$= 6,25\text{e}-6 \times 5,4\text{e}+23$	$= 3,375\text{e}+18 \text{ m}^3$
	$=$	
Mim	$= 3,375\text{e}+18 \text{ m}^3 / 86.400$	$= 3,90625\text{e}+13$
Mim	$= 4,\text{e}+14 / 10,24$	$= 3,90625\text{e}+13$
	$=$	
	$= 64 / 9,\text{e}+16$	$= 7,111111\text{e}-16 \text{ s}^2/\text{m}^2$
	$=$	
	$= 4,44444444\text{e}+19 / 1,\text{e}+52$	$= 4,44444444\text{e}-33$
Mim	$= 4,44444444\text{e}-33 \times 1,6\text{e}+17$	$= 6,4\text{e}+19$
	$=$	

3.1. Raum-Kollaps Einheit, Kopplungseinheit,

$= 486 \text{ m}^5\text{s}^2 / 400$	$= 1,215 \text{ m}^5\text{s}^2$
$= 3,888 / 3,2$	$= 1,215 \text{ m}^5\text{s}^2$
$= 1,5 / 1,23456790123456790123456790$	$= 1,215 \text{ m}^5\text{s}^2$
$= 24,3 \text{ m}^5\text{s}^2 / 20$	$= 1,215 \text{ m}^5\text{s}^2$
$= 600 / 493,82716049382716049382716049383$	$= 1,215 \text{ m}^5\text{s}^2$
$= 3,1104\text{e}+16 / 2,56\text{e}+16$	$= 1,215 \text{ m}^5\text{s}^2$
$=$	
$= 3,1640625\text{e}+7 \times 384.000$	$= 1,215\text{e}+13 \text{ m}^5/\text{s}^3$
$= 12,15 \text{ m}^5/\text{s}^3 \times 1,\text{e}+12$	$= 1,215\text{e}+13 \text{ m}^5/\text{s}^3$
$=$	
$= 1,35 \text{ m}^3/\text{s}^3 \times 9 \text{ m}^2$	$= 12,15 \text{ m}^5/\text{s}^3$
$= 1,215\text{e}+13 / 1,\text{e}+12$	$= 12,15 \text{ m}^5/\text{s}^3$
$=$	
$= 12,15 \text{ m}^5/\text{s}^3 \times 493,827160493827160$	$= 6.000 \text{ m/s}$
$=$	
$= 1,215\text{e}+13 \text{ m}^5/\text{s}^3 \times 493,827160493827160$	$= 6,\text{e}+15 \text{ m/s}$
$=$	
$= 1,215\text{e}+13 \text{ m}^5/\text{s}^3 \times 1,9753086419753\text{e}+17 \text{ s}^2/\text{m}^4$	$= 2,4\text{e}+30 \text{ m/s}$
$= 1,97530864197530 \text{ e}+30 \times 1,215 \text{ m}^5\text{s}^2$	$= 2,4\text{e}+30 \text{ m/s}$
$= 9,375 \text{ m/s}^2 \times 64$	$= 600 \text{ m/s}^2$
$= 4,\text{e}+14 / 6,666666\text{e}+11$	$= 600 \text{ m/s}^2$
$= 1,5 \times 400$	$= 600 \text{ m/s}^2$
$= 1,215 \text{ m}^5\text{s}^2 \times 493,827160 493827160 \text{ s}^2/\text{m}^4$	$= 600 \text{ m/s}^2$
$=$	
Mim $= 6,666667\text{e}+11 / 6,51041666667\text{e}+10$	$= 10,24$
$=$	
(Nun)⁴ $= 6,\text{e}+26 / 600$	$= 1,\text{e}+24$
$=$	
P_{Asr} $= 1,5 \text{ m/s}^2 / 1,215 \text{ m}^5\text{s}^2$	$= 1,23456790123456790 \text{ s}^2/\text{m}^4$
ρ_{Gr} $= 493,827160493827160 / 400$	$= 1,23456790123456790 \text{ s}^2/\text{m}^4$
$=$	

3.2. Leistung, Strahlung, Lichtexplosion!

$$\begin{aligned}
 &= 12,15 \text{ m}^5/\text{s}^3 \times 493,827160493827160 &&= 6.000 \text{ m/s} \\
 &= &&= \\
 &= 1,215\text{e}+13 \text{ m}^5/\text{s}^3 \times 493,827160493827160 &&= 6,\text{e}+15 \text{ m/s} \\
 &= &&= \\
 &= 1,215\text{e}+13 \text{ m}^5/\text{s}^3 \times 1,9753086419753\text{e}+17 \text{ s}^2/\text{m}^4 &&= 2,4\text{e}+30 \text{ m/s} \\
 &= &&= \\
 &= \text{Mim} \times 1,215\text{e}+13 \text{ m}^5/\text{s}^3 \times 1,9753086419\text{e}+17 \text{ s}^2/\text{m}^4 &&= 2,4\text{e}+30 \text{ m/s} \\
 &= &&= \\
 P_{\text{Mim}} &= 1,215\text{e}+13 \text{ m}^5/\text{s}^3 \times 493,827160493827160 &&= 6,\text{e}+15 \text{ m/s} \\
 &= &&= \\
 &= 1,215\text{e}+13 \text{ m}^5/\text{s}^3 \times 1,9753086419753\text{e}+17 \text{ s}^2/\text{m}^4 &&= 2,4\text{e}+30 \text{ m/s} \\
 &= &&= \\
 &= 7,32421875\text{e}+4 \text{ m/s} \times 3,1104\text{e}+22 &&= 2,278125\text{e}+27 \\
 &= &&= \\
 &= 9,8304 / 3 &&= 3,2768 / \text{s} \\
 &= 10,24 / 3,125 &&= 3,2768 / \text{s} \\
 &= &&= \\
 &= 3,2768 \times 3,1640625\text{e}+7 \times c \times \text{Nun} &&= 3,1104\text{e}+22 \\
 &= &&= \\
 &= 3,2768 \times 2,278125\text{e}+27 &&= 7,46496\text{e}+27 \\
 &= 1,27401984 \times 5,859375\text{e}+27 &&= 7,46496\text{e}+27 \\
 &= &&= \\
 P_{\text{Mim}} &= &&= \\
 L_J &= 3,1640625\text{e}+7 \times 3,\text{e}+8 &&= 9,4921875\text{e}+15 \\
 &= &&= \\
 1\text{pc} &= 1,5\text{e}+11 / (6,25 / 1296000) &&= 3,1104\text{e}+16 \text{ m}^5\text{s}^2 \\
 1\text{pc} &= 3,2768 / \text{s} \times 3,1640625\text{e}+7 \times 3,\text{e}+8 &&= 3,1104\text{e}+16 \text{ m}^5\text{s}^2 \\
 &= &&= \\
 &= 31,640625 \text{ m}^4/\text{s}^2 \times 1,\text{e}+6 &&= 3,1640625 \text{ e}+7 \text{ m}^4/\text{s}^2 \\
 &= 8789,0625 \times 3600 \text{ m}^2 &&= 3,1640625 \text{ e}+7 \text{ m}^4/\text{s}^2 \\
 &= 4,94384765625 \times 6,4\text{e}+6 / \text{s} &&= 3,1640625 \text{ e}+7 \text{ m}^4/\text{s}^2 \\
 &= (75 \text{ ms})^4 &&= 3,1640625 \text{ e}+7 \text{ m}^4/\text{s}^2 \\
 &= \sqrt{1,001129150390625\text{e}+15} &&= 3,1640625 \text{ e}+7 \text{ m}^4/\text{s}^2 \\
 &= 1 / 3,16049382716049382716049382716049\text{e}-8 &&= 3,1640625 \text{ e}+7 \text{ m}^4/\text{s}^2 \\
 &= 0,10546875 \times 3,\text{e}+8 \text{ m/s} &&= 3,1640625 \text{ e}+7 \text{ m}^4/\text{s}^2 \\
 &= &&= \\
 \text{Mim} &= 3,1640625 \text{ e}+7 \text{ m}^4/\text{s}^2 \times 493,827160493827160 &&= 1,5625\text{e}+10 \\
 \text{Mim} &= (2500)^3 &&= 1,5625\text{e}+10 \\
 &= &&= \\
 &= (150 \text{ m})^3 &&= 3,375\text{e}+6 \text{ m}^3
 \end{aligned}$$

3.3. Massengradienten der Kaf-Einheit

$$\begin{aligned}
 &= 6,5104167e+10 \text{ s}^2/\text{m} \times 10,24 &= 6,66666667e+11 \text{ s}^2/\text{m} \\
 &= 1 / 1,5e-12 \text{ m/s}^2 &= 6,6666667e+11 \text{ s}^2/\text{m} \\
 &= 1,e+12 \times 0,66666667 \text{ s}^2/\text{m} &= 6,6666667e+11 \text{ s}^2/\text{m} \\
 &= (2,e+20 \text{ s})^2 / 6,e+28 \text{ m} &= 6,6666667 \cdot 10^{11} \text{ s}^2/\text{m} \\
 &= 1,666667 \text{ e-27 s}^2/\text{m} \times 4,e+38 &= 6,6666667e+11 \text{ s}^2/\text{m} \\
 &= 6,66667e+9 / \text{m} \times 100 \text{ s}^2 &= 6,6666667e+11 \text{ s}^2/\text{m} \\
 &= 2 \cdot 10^{12} \text{ 1/s} / 3 \text{ m/s}^3 &= 6,6666667 \cdot 10^{11} \text{ s}^2/\text{m} \\
 &= 4,e+40 \text{ s}^2 / 6 \cdot 10^{28} \text{ m} &= 6,6666667e+11 \text{ s}^2/\text{m} \\
 &= 1,0666667e-7 \times 6,25 \cdot 10^{18} &= 6,6666667e+11 \text{ s}^2/\text{m} \\
 &= 2 \cdot 10^{20} \text{ s} / 3 \cdot 10^8 \text{ m/s} &= 6,6666668 \cdot 10^{11} \text{ s}^2/\text{m} \\
 &= 100 \text{ s}^2 / 1,5 \cdot 10^{-10} \text{ m} &= 6,6666667 \cdot 10^{11} \text{ s}^2/\text{m} \\
 &= 3,75 \cdot 10^{47} \times 1,777777 \cdot 10^{-36} &= 6,6666667 \cdot 10^{11} \text{ s}^2/\text{m} \\
 &= 8 \cdot 10^{41} \times 8,33333333 \cdot 10^{-31} &= 6,6666667 \cdot 10^{11} \text{ s}^2/\text{m} \\
 &= 7,348 \cdot 10^{41} \times 9,072763564 \cdot 10^{-31} &= 6,6666667 \cdot 10^{11} \text{ s}^2/\text{m} \\
 &= & \\
 \text{Mim} &= 4,2 \times (2500)^3 &= 6,5625e+10 \\
 \text{Mim} &= 1,008 \text{ m/s}^2 \times 1,66667e-27 \text{ s}^2/\text{m} &= 1,68e-27 \\
 &= & \\
 m_P &= m_p = &= 1,66667e-27 \text{ s}^2/\text{m} \\
 H_{MM} &= 1 / 1,008 \text{ m/s}^2 &= 0,992063492063492 \text{ s}^2/\text{m} \\
 H_{\ddot{A}q} &= 1,66667e-27 \text{ s}^2/\text{m} \times 6,25e+18 &= 1,0416666667e-8 \text{ s}^2/\text{m} \\
 &= & \\
 H_{\text{Kern}} &= 6,5625e+10 \times 0,9920634920634920634920 &= 6,5104167e+10 \text{ s}^2/\text{m} \\
 \text{Kaf } (\ddot{A}) &= m_p \times E^2 = 1,666667e-27 \text{ s}^2/\text{m} \times (6,25e+18)^2 &= 6,51041667e+10 \text{ s}^2/\text{m} \\
 \text{Kaf } (\ddot{A}) &= B \times di = 2,083333 \text{ e+10 s/m} \times 3,125 \text{ s} &= 6,51041667e+10 \text{ s}^2/\text{m} \\
 \text{Kaf } (\ddot{A}) &= B / l = 2,083333 \text{ e+10 s/m} / 0,32 \text{ /s} &= 6,51041667e+10 \text{ s}^2/\text{m} \\
 m_{\text{Kaf}} &= di^2 / r = 9,765625 \text{ s}^2 / 1,5e-10 \text{ m} &= 6,51046667e+10 \text{ s}^2/\text{m} \\
 &= & \\
 &= di^2 U^4 e^4 m_p / (c L^3) = 8,239746e-66 / 1,265625e-76 &= 6,51046667e+10 \text{ s}^2/\text{m} \\
 &= (B^2 r) = 4,34027778e+20 \times 1,5e-10 \text{ m} &= 6,51046667e+10 \text{ s}^2/\text{m} \\
 &= 1 / (\epsilon_0 \times c^2 \times r) = 1 / 1,137778e-18 \times 9,e+16 \times 1,5e-10 &= 6,51046667e+10 \text{ s}^2/\text{m} \\
 &= 22,222222 \text{ s/m}^2 / 3,41333333e-10 \text{ /ms} &= 6,51046667e+10 \text{ s}^2/\text{m} \\
 &= 1,48148148148 \text{ e+11} / 2,2755555556 &= 6,51041667e+10 \text{ s}^2/\text{m} \\
 &= 6,510416667e-2 \times (1,e+6)^2 &= 6,51041667e+10 \text{ s}^2/\text{m} \\
 &= & \\
 &= m_{Gr} \times (HL)^2 = 26,04166667 \text{ s}^2/\text{m} \times 2,5e+9 &= 6,51041667e+10 \text{ s}^2/\text{m} \\
 &= 6,510416667e-3 \text{ s/m} \times 1,e+13 \text{ s} &= 6,51041667e+10 \text{ s}^2/\text{m} \\
 &= 1,e+13 \text{ s} / 153,6 \text{ m/s} &= 6,51041667e+10 \text{ s}^2/\text{m} \\
 &= & \\
 &= 1 / 1,536e-11 \text{ m/s}^2 &= 6,51041667e+10 \text{ s}^2/\text{m} \\
 &= E m_p / e = (6,25e+18 \times 1,6667e-27 \text{ s}^2/\text{m}) / 1,6e-19 &= 6,51041667e+10 \text{ s}^2/\text{m} \\
 &= 1,35e+7 \times 4822,530864197530864197530 &= 6,51041667e+10 \text{ s}^2/\text{m} \\
 &= H \times di^3 = 2,13333e+9 \times 30,517578125 &= 6,51041667e+10 \text{ s}^2/\text{m} \\
 &= 1,5625e+10 \times 4,1666667 \text{ s}^2/\text{m} &= 6,51041667e+10 \text{ s}^2/\text{m} \\
 &= 3,0517578125e+10 \times 2,1333333 \text{ s}^2/\text{m} &= 6,51041667e+10 \text{ s}^2/\text{m} \\
 &= & \\
 &= (2500)^3 \times 4,1666666667 &= 6,51041667e+10 \text{ s}^2/\text{m} \\
 &= 4,1666667 \text{ s}^2/\text{m} / 6,4e-11 &= 6,51041667e+10 \text{ s}^2/\text{m} \\
 &= & \\
 &= & \\
 \end{aligned}$$

$$\begin{aligned}
&= \sqrt{\rho_p \, di^2 / \epsilon_0} = 493,82716 \times 9,765625 / 1,137778e-18 = 6,51041667e+10 \, \text{s}^2/\text{m} \\
&= 7,40740740e-8 / 1,13777777777778e-18 = 6,51041667e+10 \, \text{s}^2/\text{m} \\
&= 30,517578125 / 4,6875e-10 = 6,51041666458e+10 \, \text{s}^2/\text{m} \\
&= 2,1333333333 \, \text{s}^2/\text{m} \times 3,0517578125e+10 = 6,51041667 \, \text{e}+10 \, \text{s}^2/\text{m} \\
&= \\
&= (2,083333333)^2 \times 1,5e+10 = 6,51041667 \, \text{e}+10 \, \text{s}^2/\text{m} \\
m_{Kaf} &= (2,55155181539914385228e+5 \, \text{s}/\text{m}^{0,5})^2 = 6,510416667e+10 \, \text{s}^2/\text{m} \\
&= 2,54313151041667e+12 \, \text{s}^2/\text{m} / 39,0625 = 6,510416667e+10 \, \text{s}^2/\text{m} \\
&= \\
m_{Kaf} &= 1 / 1,536e-11 \, \text{m}/\text{s}^2 = 6,510416667e+10 \, \text{s}^2/\text{m} \\
a_{Gr} &= c^4 \epsilon_0 m_p = 8,1e+33 \times 1,13778e-18 \times 1,667e-27 = 1,536e-11 \, \text{m}/\text{s}^2 \\
&= 2,5e+9 / 26,041666667 = 1,536e-11 \, \text{m}/\text{s}^2 \\
&= \\
&= \sqrt{m_p} = \sqrt{1,666667e-27 \, \text{s}^2/\text{m}} = 4,08248290 \, \text{e}-14 \, \text{s}/\text{m}^{0,5} \\
&= \\
&= 4,08248290463863e-14 \times 6,25e+18 = 2,55155181539914385228e+5 \, \text{s}/\text{m}^{0,5} \\
&= \\
m_{Gr} &= 9,765625 \, \text{s}^2 \times 2,6041667e+11 / \text{m} = 2,54313151041667e+12 \, \text{s}^2/\text{m} \\
&= 6,510416667e-26 \, \text{s}^2/\text{m} \times 3,90625e+37 = 2,54313151041667e+12 \, \text{s}^2/\text{m} \\
&= 6,51041666667e+10 \, \text{s}^2/\text{m} \times 39,0625 = 2,54313151041667e+12 \, \text{s}^2/\text{m} \\
&= \\
m_{Kaf} &= 2,54313151041667e+12 \, \text{s}^2/\text{m} / 39,0625 = 6,5104166666667e+10 \, \text{s}^2/\text{m} \\
&= \\
&= b_k^4 \times t_{Gr}^4 / L^3 c^2 = 1,48148148148e+11 \\
&= \\
&= 6,510416667e+10 \times c = 1,953125e+19 \, \text{s} \\
&= 1,953125e+19 \, \text{s} / 3,1640625e+7 \, \text{m}^4/\text{s}^2 = \\
&= \\
&= 6,17283950e+11 \, \text{s}^3/\text{m}^4 / 39,0625 = 1,5802469135802469135802469135802e+10 \, \text{s}^3/\text{m}^4 \\
&= \\
&= 6,17283950e+11 \, \text{s}^3/\text{m}^4 / 44,444444 = 1,3888888889e+10 \, \text{s}^3/\text{m}^2 \\
&= 1,58024691358024e+10 \, \text{s}^3/\text{m}^4 \times 1,215e+13 \, \text{m}^5/\text{s}^3 = 1,92e+23 \, \text{s}^3/\text{m}^4 \\
&= \\
!!!! &= 1,3888888889e+10 \, \text{s}^3/\text{m}^2 \times 1,215e+13 \, \text{m}^5/\text{s}^3 = 1,6875e+23 \, \text{m}^3 \\
&= 1,6875e+23 \, \text{m}^3 \times 3,2 = 5,4e+23 \, \text{m}^3 \\
&= \\
&= 3,1640625e+7 \times 384.000 = 1,215e+13 \, \text{m}^5/\text{s}^3 \\
&= \\
&= 8,16496580927726032732428e-14 \times 6,25e+18 = 5,10310363e+5 / \text{m}^{0,5} \\
&= \\
&= (5,10310363e+5 / \text{m}^{0,5})^2 = 2,6041667e+11 / \text{m} \\
&= \\
(\text{Sad})^2 &= 2,6041667e+11 / \text{m} \times 1,5e-10 \, \text{m} = 39,0625 \\
&= \\
Mim &= 2,60416666667e+11 / \text{m} \times 0,375 \, \text{m} = 9,765625e+10 \\
Mim &= (2500)^3 \times 6,25 = 9,765625e+10 \\
&=
\end{aligned}$$

r_{Gr}	$= 2,5431315104167e+12 \text{ s}^2/\text{m} \times 9,e+16$ $= 5,859375e+27 \text{ m} \times 39,0625$ $=$	$= 2,288818359375e+29 \text{ m}$ $= 2,288818359375e+29 \text{ m}$
t_{Gr}	$= 2,5431315104167e+12 \text{ s}^2/\text{m} \times 3,e+8 \text{ m/s}$ $= 1,953125e+19 \times 39,0625$ $=$ $= 7,62939453125e+20 \text{ s} / (3,1640625e+7 \times c)$ $= 1,62760416667e+2 \times 493,827160493827160$ $= 2,5e+27 / 3,1104e+22 \text{ m}^5\text{s}^2$ $=$ $= 80375,5144032921810 / \text{m}^5\text{s}^2$ $= 80375,5144032921810 / \text{m}^5\text{s}^2$ $= 80375,5144032921810 / \text{m}^5\text{s}^2$ $=$ $= 80375,5144032921810 / \text{m}^5\text{s}^2 / 1,1010048$ $= 7,30019654803432111e+4 / \text{m}^5\text{s}^2$ $=$ $= 7,30019654803432111e+4 / \text{m}^5\text{s}^2 / 1,1010048$ $=$ $= 3,1104e+16 \text{ m}^5\text{s}^2 / 2,56e+16$ $= 600 / 493,82716049382716049382716049383$ $= 1,25 /$ $=$	$= 7,62939453125e+20 \text{ s}$ $= 7,62939453125e+20 \text{ s}$ $= 80375,5144032921810 / \text{m}^5\text{s}^2$ $= 80375,5144032921810 / \text{m}^5\text{s}^2$ $= 80375,5144032921810 / \text{m}^5\text{s}^2$ $= 7,30019654803432111e+4 / \text{m}^5\text{s}^2$ $= 6,63048566912180683e+4 / \text{m}^5\text{s}^2$ $= 1,215 \text{ m}^5\text{s}^2$ $= 1,215 \text{ m}^5\text{s}^2$
Mim	$= 80375,5144032921810 / \text{m}^5\text{s}^2 \times 1,215 \text{ m}^5\text{s}^2$	$= 9,7656250e+4$
Mim	$= 1,953125 \times \text{HL}$ $=$	$= 9,7656250e+4$
a_p	$= 600 \text{ m/s}^2 \times 1,e+24$ $=$ $= 1,215 \times 400$ $=$ $= 1 / 0,15$ $= 240 \text{ ms} / 36 \text{ m}^2/\text{s}^2$ $= 2,22222222 / \text{m}^2 \times 3 \text{ ms}^3$ $= 2,083333334375 \text{ s}^3/\text{m} \times 3,2$ $= 2,1333333 \text{ s}^2/\text{m} \times 3,125 \text{ s}$ $= 1,23456790123456790 \text{ s}^2/\text{m}^4 \times 5,4 \text{ sm}^3$ $=$	$= 6,e+26$ $= 486 \text{ m}^5\text{s}^2$ $= 6,666666667$ $= 6,666666667 \text{ s}^3/\text{m}$ $= 6,666666667 \text{ s}^3/\text{m}$ $= 6,666666667 \text{ s}^3/\text{m}$ $= 6,66665625 \text{ s}^3/\text{m}$ $= 6,666666667 \text{ s}^3/\text{m}$
D_{Feld}	$= (6,666666667)^2$ $= 6,6666667e+11 / 1,5e+10$ $= 7,111111 / \text{m}^2 \times 6,25$ $= 14,222222222 / \text{sm}^2 \times 3,125 \text{ s}$ $= 22,22 \text{ s/m}^2 \times 2 / \text{s}$ $= 100 \text{ s}^2 / 2,25 \text{ m}^2\text{s}^2$ $= 20,0000000016875 \times 2,22222222 / \text{m}^2$ $= 11,11111 \text{ s}^2/\text{m}^2 \times 4 / \text{s}^2$	$= 44,44444444$ $= 44,4444444 / \text{m}^2$ $= 44,444444444375 / \text{m}^2$ $= 44,44444444375 / \text{m}^2$ $= 44,4444444444 / \text{m}^2$ $= 44,4444444 / \text{m}^2$ $= 44,44444440375$ $= 44,4444444 / \text{m}^2$ $= 44,4444444 / \text{m}^2$ $= 44,4444444 / \text{m}^2$
$G_T m_{Grh}$	$= 6,666666e-11 \times 6,666666e+11$ $= 493,827160493827160 \times 0,09$ $= 1 / 0,0225$ $=$	$= 44,4444444 / \text{m}^2$ $= 44,4444444 / \text{m}^2$ $= 44,4444444 / \text{m}^2$

4.1. Die wichtige Kopplung Größen

$= 1,215e+44 / 1,25e+44$	$= 0,972 \text{ m}^5/\text{s}^2$
$= G_G / G_T = 6,48e-11 / 6,66666667e-11$	$= 0,972 \text{ m}^5/\text{s}^2$
$= 1 / 1,02880 658436213991769547325 10288$	$= 0,972 \text{ m}^5/\text{s}^2$
$= 3,1104 \text{ m}^5/\text{s}^2 / 3,2$	$= 0,972 \text{ m}^5/\text{s}^2$
$= 12,15 \text{ m}^5/\text{s}^3 / 12,5 / \text{s}$	$= 0,972 \text{ m}^5/\text{s}^2$
$= 1,51875 \text{ m}^5 / 1,5625$	$= 0,972 \text{ m}^5/\text{s}^2$
$= 81 \text{ m}^4 / 83,33333 \text{ s}^2/\text{m}$	$= 0,972 \text{ m}^5/\text{s}^2$
$= 1,5e+10 \times 6,48e-11$	$= 0,972 \text{ m}^5/\text{s}^2$
$= 1,0125 \times 0,96 \text{ ms}^2$	$= 0,972 \text{ m}^5/\text{s}^2$
$=$	

4.2. Kreisausschnitt, Volumeneinheit der Rotationsparaboloid, Kollaps Einheit,

$= \frac{1}{4} \times d_i \times r^2 =$	$=$
$= d_i \times r^2 \times (90/360) = 3,125 \text{ s} \times 1,44 \text{ m}^2 \times 0,25 \text{ s}^2$	$= 1,125 \text{ m}^2\text{s}^3$
$= 12,5 / \text{s} \times 9,9e+16 \text{ m}^2/\text{s}^2 / 1,9e+18$	$= 1,125 \text{ m}^2/\text{s}^3$
$= 0,10986328125 \text{ m}^2\text{s}^3 \times 10,24$	$= 1,125 \text{ m}^2\text{s}^3$
$= 4,5 \text{ sm}^2 / 4 / \text{s}^2$	$= 1,125 \text{ m}^2\text{s}^3$
$= 9 \text{ m}^2 / 8 / \text{s}^3$	$= 1,125 \text{ m}^2\text{s}^3$
$= 2,25 \text{ m}^2\text{s}^2 / 2 / \text{s}$	$= 1,125 \text{ m}^2\text{s}^3$
$= 3,6 \text{ m}^2\text{s}^3 / 3,2$	$= 1,125 \text{ m}^2\text{s}^3$
$= 7,03125 \text{ m}^2\text{s}^3 / 6,25$	$= 1,125 \text{ m}^2\text{s}^3$
$= 9,375 \text{ ms}^4 / 8,33333 \text{ s}/\text{m}$	$= 1,125 \text{ m}^2\text{s}^3$
$= 8 \text{ s}^3 / 7,1111111 / \text{m}^2$	$= 1,125 \text{ m}^2\text{s}^3$
$= 3 \text{ ms}^3 \times 0,375 \text{ m}$	$= 1,125 \text{ m}^2\text{s}^3$
$= 27 / 24 \text{ m}$	$= 1,125 \text{ m}^2\text{s}^3$
$= 0,75 \text{ m}/\text{s} \times 1,5 \text{ m}/\text{s}^2$	$= 1,125 \text{ m}^2/\text{s}^3$
$= 366,2109375 / 325,52083333$	$= 1,125 \text{ m}^2/\text{s}^3$
$= 1 / 0,888888889 / \text{m}^2\text{s}^3$	$= 1,125 \text{ m}^2/\text{s}^3$
$=$	
$= 1,125 \text{ m}^2/\text{s}^3 \times \text{Mim}$	
$=$	
$= 1,125 \text{ m}^2/\text{s}^3 \times 1,6384$	$= 1,8432 \text{ m}^2/\text{s}^3$
$=$	
$= 1,125 \text{ m}^2/\text{s}^3 \times 3,2$	$= 3,6 \text{ m}^2/\text{s}^3$
$= 1,125 \text{ m}^2/\text{s}^3 \times 4,2$	$= 4,725 \text{ m}^2/\text{s}^3$
$= 1,125 \text{ m}^2/\text{s}^3 \times 6,25$	$= 7,03125 \text{ m}^2/\text{s}^3$
$=$	
$= 1,125 \text{ m}^2/\text{s}^3 \times 8000$	$= 9000 \text{ m}^2/\text{s}^3$
$R_G = r_p / m_p \times T_p = 1,5e-10 \text{ m} / (1,66667e-27 \times 1,9e+13 \text{ s})$	$= 9.000 \text{ m}^2/\text{s}^3$
$=$	

	= 1,5 / 1,23456790123456790123456790	= 1,215 m ⁵ s ²
	= 24,3 m ⁵ s ² / 20	= 1,215 m ⁵ s ²
	= 600 / 493,82716049382716049382716049383	= 1,215 m ⁵ s ²
	= 3,1104e+16 / 2,56e+16	= 1,215 m ⁵ s ²
	=	
	= 6,48e-11 m ⁴ /s ² / 6,4e-11	= 1,0125 m ⁴ /s ²
	= 2,025e-5 m ⁴ /s ² x 3,125e+5	= 1,0125 m ⁴ /s ²
G _{Gr}	= 1000 s ³ / 987,654320 987654320 s/m ⁴	= 1,0125 m ⁴ /s ²
	= 0,50625 x 2 / s	= 1,0125 m ⁴ /s ²
	= 2,e+30 / s / 1,97530864197530864197530864 e+30	= 1,0125 m ⁴ /s ²
	= 5,0625 m ⁴ /s ² / 5 s ²	= 1,0125 m ⁴ /s ²
	= 60 m/s ³ / 59,259 259 259 s/m ³	= 1,0125 m ⁴ /s ²
	= 8,1 m ⁴ /s / 8 /s ³	= 1,0125 m ⁴ /s ²
	= 1 / 0,98765432 098765432 0987654320	= 1,0125 m ⁴ /s ²
	= 1,125 m ² s ³ / 1,11111111 s/m ²	= 1,0125 m ⁴ s ²
	= 368,64 m ² /s ² / 364,08888889 s ² /m ²	= 1,0125 m ⁴ s ²
	= 500 s ² / 493,827160 49382716 m ⁴ /s ²	= 1,0125 m ⁴ s ²
	= 1,5 / 1,48148148	= 1,0125 m ⁴ s ²
	= 9,1125 / 9 m ²	= 1,0125 m ⁴ s ²
	= 1,008 x 1,09375	= 1,1025 m ⁴ s ²
	=	
	= 1,215 m ⁵ s ² / 0,972	= 1,25 /s ²
	=	
Mim	= di ² x 1,25	= 12,20703125
	=	
	= 3,1104e+22 m ⁵ s ² / 2,e+18 /s	= 15552 m ⁵ s ³
	= 1677,7216 x 9,26971435546875	= 15552 m ⁵ s ³
	= 216 m ³ x 1,44 m ² x 50 s ³	= 15552 m ⁵ s ³
	= 243 m ⁵ s ³ x 64	= 15552 m ⁵ s ³
	= 16200 sm ⁴ x 0,96	= 15552 m ⁵ s ³
	=	
	= 3,1104e+22 m ⁵ s ² / 1,38888889e+10 s ³ /m ²	= 2,239488e+12 m ⁷ /s
	=	
	= 2,239488 / 1,44 m ²	= 1,5552 m ⁵ /s
	= 4,86 m ⁵ / 3,125 s	= 1,5552 m ⁵ /s
	= 1,08 m ³ /s x 1,44 m ²	= 1,5552 m ⁵ /s
	=	
	= 1,35e+7 / 4,34027778e+6	= 3,1104 m ⁵ /s ²
	= 3,84 m / 1,23456790123456790 s ² /m ⁴	= 3,1104 m ⁵ /s ²
	= 3,24 / 1,04166666667	= 3,1104 m ⁵ /s ²
	= 0,972 m ⁵ /s ² x 3,2	= 3,1104 m ⁵ /s ²
	= 1,5e+4 / 4822,530864197530	= 3,1104 m ⁵ /s ²
	= 1536 / 493,82716049382716049382716049383	= 3,1104 m ⁵ /s ²
	= 1,215 x 2,56e+22	=
	=	
	= 1,5552e+4 m ⁵ s ³ / 3,1104 m ⁵ /s ²	= 5.000 /s
	=	

	$= 3,1104 \text{ m}^5/\text{s}^2 / 1,215 \text{ m}^5\text{s}^2$	$= 2,56 \text{ s}^2$
	$= (1,6 \text{ s})^2$	$= 2,56 \text{ s}^2$
	$= 25 \text{ s}^2 / 9,765625 \text{ s}^2$	$= 2,56 \text{ s}^2$
	$= 1,5625 \text{ s}^2 \times 1,6384$	$= 2,56 \text{ s}^2$
	$=$	
Mim	$= 9,765625 / 2,56 \text{ s}^2$	$= 3,814697265625$
	$=$	
Mim	$= 3,1104 \text{ m}^5/\text{s}^2 / 0,972 \text{ m}^5/\text{s}^2$	$= 3,2$
	$=$	
	$= 15552 \text{ m}^5\text{s}^3 / 1,215 \text{ m}^5\text{s}^2$	$= 1,28\text{e}+4 \text{ s}$
	$= 400 \times 32 \text{ s}$	$= 1,28\text{e}+4 \text{ s}$
	$=$	
	$= 1,048576 \times 9,375$	$= 9,8304 \text{ ms}^2$
	$= 6 \times 1,6384$	$= 9,8304 \text{ ms}^2$
	$= 1,00663296 \times 9,765625$	$= 9,8304 \text{ ms}^2$
	$= 9,48148148148148148 \times 1,0368$	$= 9,8304 \text{ ms}^2$
	$=$	
	$= 3,1640625\text{e}+7 / 3,375\text{e}+6$	$= 9,375 \text{ m/s}^2$
	$= 1,5 \text{ m/s}^2 \times 6,25$	$= 9,375 \text{ m/s}^2$
	$=$	
	$= (3,125 \text{ s})^2$	$= 9,765625 \text{ s}^2$
	$=$	
	$= 9,765625 \text{ s}^2 \times 0,972$	$= 9,4921875$
	$= G_G \text{ m}_E / (r_E) = 6,48\text{e}-11 \times 6,\text{e}+24 / 4,096\text{e}+13$	$= 9,4921875$
	$=$	
	$= 9,4921875 / 1,5$	$= 6,328125 \text{ m}^4/\text{s}^2$
	$= 1,0125 \text{ m}^4/\text{s}^2 \times 6,25$	$= 6,328125 \text{ m}^4/\text{s}^2$
	$=$	
	$= 6,328125 / 2$	$= 3,1640625$
	$=$	
	$= 9,7788870334625244140625 \times 1,00663296 \text{ m}$	$= 9,84375 \text{ m}$
	$= 8,203125 \times 1,2 \text{ m}$	$= 9,84375 \text{ m}$
	$= 1,0013580322265625 / \text{s}^2 \times 9,8304 \text{ ms}^2$	$= 9,84375 \text{ m}$
	$= 1,575 \text{ m} \times 6,25$	$= 9,84375 \text{ m}$
	$=$	
	$= 9,8304 \text{ ms}^2 \times 1,008 \text{ m/s}^2$	$= 9,9090432 \text{ m}^2$
	$= 9 \times 1,1010048$	$= 9,9090432 \text{ m}^2$
	$=$	
	$= 3,145728 \text{ ms} \times 2 / \text{s}$	$= 6,291456 \text{ m}$
	$= 6,25 \times 1,00663296$	$= 6,291456 \text{ m}$
	$=$	
L _{Gr}	$= 6,291456 \text{ m} / 2 / \text{s}$	$= 3,145728 \text{ ms}$
	$= 0,98304 \text{ ms} \times 3,2$	$= 3,145728 \text{ ms}$
L _{Gr}	$= 1,00663296 \text{ m} \times 3,125 \text{ s}$	$= 3,145728 \text{ ms}$
	$= 3,75 \text{ ms} / 1,1920928955078125$	$= 3,145728 \text{ ms}$

$$\begin{aligned}
L_{Gr} &= 5,0331648e-19 \times E &= 3,145728 \text{ ms} \\
&= 75 \text{ ms} / 23,84185791015625 &= 3,145728 \text{ ms} \\
&= \\
Z_v &= 3,375 \text{ m}^3 \times 2 / s &= 6,75 \text{ m}^3/s \\
&= 1,5 \text{ m/s}^2 \times 4,5 \text{ sm}^2 &= 6,75 \text{ m}^3/s \\
&= 4,6875 \text{ m/s} \times 1,44 \text{ m}^2 &= 6,75 \text{ m}^3/s \\
&= \\
&= 9,8304 \text{ ms}^2 / 1,008 \text{ m/s}^2 &= 9,752380952380952380952381 \text{ s}^2 \\
&= \\
&= 9,765625 \text{ s}^2 / 9,752380952380952380952380 \text{ s}^2 &= 1,0013580322265625 /s^2 \\
&= \\
Mim &= 9,765625 \times 1,0013580322265625 &= 9,7788870334625244140625 \\
Mim &= 5,82076609134674072265625e+27 \times 1,68e-27 &= 9,7788870334625244140625 \\
&= \\
Mim &= 400 \times 13,44 &= 5.376 \\
&= \\
\rho_{Gr} &= 493,827160493827160 / 5.376 = 0,09185773074661963550852439741329 \\
&= \\
R_G &= r_p / m_p \times T_p = 1,5e-10 \text{ m} / (1,66667e-27 \times 1,e+13 \text{ s}) &= 9.000 \text{ m}^2/s^3 \\
&= \\
&= 9.000 \text{ m}^2/s^3 \times 493,827160493827160 \text{ s}^2/m^4 &= 4,4444444e+6 /m^2s \\
&= \\
&= 6,5104166667e+10 \text{ s}^2/m \times 6,6666667e-11 /ms^2 &= 4,3402777778 /m^2 \\
&= 4,3402777778 \times 3,2 &= 13,888888889 /m^2 \\
Mim &= (0,375 \text{ m})^3 / 1,318359375e-28 \text{ m}^3 &= 4,e+26 \\
Mim &= 0,672 / 4,e+26 &= 1,68e-27 \\
Mim &= 6,4e+6 / 2 &= 3,2e+6 \\
Mim &= 1,6384 \times 400 &= 655,36 \\
&= \\
&= 6,25 \times 6,4e+6 &= 4,e+7 /s \\
&= \\
&= 6,25 \times 3,84e+8 \text{ ms}^2 &= 2,4e+9 \text{ ms}^2 \\
&= \\
&= 7,5e-29 \text{ ms} \times 9,001e-6 \text{ m}^2 &= 6,7500000675000001e-34 \text{ sm}^3 \\
&=
\end{aligned}$$