

岩波書店 23x16

二つの粒子、同重元素、原子番号が等しい。この場合、 ΔW は、 $\Delta W = E_1 - E_2$ であり、 $\Delta W < 0$ の場合、 $\Delta W = E_2 - E_1$ である。この場合、 ΔW は、 $\Delta W = E_1 - E_2$ であり、 $\Delta W < 0$ の場合、 $\Delta W = E_2 - E_1$ である。

粒子	IV	IV
αZ	1	1370 $(\Delta W + 1)^{-2}$ 毎分
β	14	200 $(\Delta W + 1)^{-2}$ 毎分
γ	27	25 $(\Delta W + 1)^{-2}$ 毎分
δ	69	14 $(\Delta W + 0.87)^{-2}$ 毎分

$T = \frac{\text{count}}{(\Delta W + 1)^2}$
 γ は、 $\Delta W < 0$ の場合、 $\Delta W = E_1 - E_2$ であり、 $\Delta W < 0$ の場合、 $\Delta W = E_2 - E_1$ である。

$$N' = N + \frac{b}{(f+1)} + 26N^2 = 68$$

R 51 090 B 02

$$\frac{1}{\Delta W} = \frac{1}{(E_1 - E_2)} = \frac{1}{(E_1 - E_2)}$$

$$E = 2mc^2$$

$$r = 10^{-12} \text{ cm}$$

$$E = E_0 \cdot 10^{14} \cdot \frac{2m}{hc^2} =$$

$$r_0^2 \cdot r^2 \cdot E_0 =$$

$$\frac{10^4 \times 1.66 \times 10^{-24}}{(1.04)^2 \times (10^{-27})^2} \times 1.594 \times 10^{-6}$$

$$= \frac{1.66 \times 1.59}{(1.04)^2}$$

$$r_0^2 \approx E_0 = 10^{-12} (4.77)^2 \times 10^{-20}$$

$$2 \times 1.6 \times \frac{5}{3} = \frac{86}{3 \times (1.04)^2}$$

$$\times \frac{2 \times 1.66 \times 10^{-24}}{(1.04)^2 \times 10^{-24}} = \frac{2 \times 1.66}{(1.04)^2} \times 10^{-2}$$

$$\frac{1.08}{3.27} \times \frac{5}{1600}$$

$$\frac{0.67852}{1.35704} = \frac{3.2 \times 20}{1.09}$$

$$2.28 \times \frac{10}{3 \times 1.04}$$

$$= \frac{2.28}{3.12} \times 10^2 = \frac{2.28}{3.12} \times 100$$

$$\frac{3.12}{2.28} \times 100 = \frac{2.28}{3.12} \times 100$$

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計算

Handwritten notes in Japanese, likely related to physics or mathematics. The text is mirrored across the page, suggesting it was written on a sheet of paper that was placed over another page. The handwriting is in cursive and includes mathematical symbols and Japanese characters. Some legible fragments include "計算", "Kac", and "tangent".



$$\frac{\hbar}{2mc} = \frac{10^{-27}}{1.8 \cdot 10^{-27} \cdot 3 \cdot 10^{10}} = 2 \times 10^{-11}$$

$$\frac{\hbar^2 (2mc)^2}{2\hbar \left(\frac{\hbar}{2mc}\right)^2 \rho^2}$$

$$+ 2mc^2 \cdot E_0$$

$$\left\{ \frac{\rho^2}{\rho_0^2} + E_0 \right\} \frac{\hbar^2 e^2}{2m} = \frac{2mc^2 \hbar}{2mc} = \frac{2\hbar^2 e^2}{\hbar c} = \frac{1}{137}$$

$$90 \times 10^{-12}$$

$$\frac{2mc^2 \hbar}{\hbar c} = \frac{2\hbar^2 e^2}{\hbar c} = \frac{1}{137}$$

$$\frac{2m}{\hbar} \cdot \frac{\hbar^2}{2mc} = \frac{2\hbar^2 e^2}{\hbar c} = \frac{1}{137}$$

$$\left(\frac{2mc}{\hbar} \right)^2 = \frac{10^{22}}{4} = 2.5 \cdot 10^{21}$$

$$E_0 = \alpha(Z-1)$$

$$\frac{\hbar}{2mc} \approx 2 \times 10^{-11} \text{ cm}$$

$$\left\{ \frac{d^2}{dp^2} + E_0 + J_0 \right.$$

$$\frac{R}{\hbar mc} = \frac{1.042 \times 10^{-27}}{2 \times 3 \times 0.9035 \times 10^{-27} \times 10^{10}}$$

$$= 1.9 \times 10^{-11}$$

$$\frac{0.9035}{5.4210}$$

$$\begin{array}{r} 0.19 \\ \hline 1.042 \\ 5420 \\ \hline 5000 \\ 4878 \end{array}$$

$$\left\{ \frac{d^2}{dp^2} + E_0 + \frac{\lambda(l+1)}{r^2} \right\} \psi = U_i \psi$$

