

Cold Fusion Explained by Absolute Relativity

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According to the unified force formula, the force equals zero if the medium behaves as a black hole.

$$F = \frac{kh(c^2 - v^2)^2 f_0^4}{c^2(c^2 + vw_0)(w_0 + v)^3}$$

$$v = c = \sqrt{\frac{2G_e m}{x}} \quad \text{and} \quad G_e = 1.3 \times 10^{32} \quad \text{-- Gravitational constant of the electron}$$

$$\Leftrightarrow \quad \alpha = \frac{m}{x} = 3.45 \times 10^{-16}$$

Mass and lattice spacing of deuterium and palladium:

$$\text{D -- } m_1 = 3.34 \times 10^{-27} \text{ kg ; } x_1 = 1.64 \times 10^{-9} \text{ m}$$

$$\text{Pd -- } m_2 = 1.77 \times 10^{-25} \text{ kg ; } x_2 = 2.62 \times 10^{-10} \text{ m}$$

$$\left\{ \begin{array}{l} \frac{1}{x} = \frac{1}{n+1} \left(\frac{1}{x_1} + \frac{n}{x_2} \right) \\ m = m_1 + n.m_2 \\ \alpha = \frac{m}{x} = 3.45 \times 10^{-16} \end{array} \right. \quad \Leftrightarrow$$

$$\Leftrightarrow \quad n = 0.9 \quad \text{---} \quad \text{DPd}_{0.9}$$

$$\text{D/Pd} = 1.1 \quad (\text{number of atoms})$$

This is the ratio, between deuterium and palladium, for the maximum effect of cold fusion.