

Cold Fusion and Superconductivity

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The two phenomena have the same explanation. The medium behaves as a black hole so the force between equal particles became attractive.

Unified force:

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

Escape speed:

$$v = -c = -\sqrt{\frac{2Gm}{x}}$$

The palladium charged with deuterium must be a superconductor.

Gravitational constant of the electron:

$$\frac{q_e^2}{4\pi\epsilon_0 R^2} = \frac{G_e m_e^2}{R^2}$$

$$G_e = \frac{q_e^2}{4\pi\epsilon_0 m_e^2} = 2.78 \times 10^{32}$$

Mass and lattice distance of the medium:

$$\frac{m}{x} = \frac{c^2}{2G_e} = 1.62 \times 10^{-16}$$

For Zn: $\frac{m}{x} = 8.0 \times 10^{-16}$