

Hartree energy

Atomic fundamental physical constant used as atomic unit of energy:

$E_h = \frac{\hbar^2}{m_e a_0^2} = 4.359\,7482\,(26) \times 10^{-18} \text{ J}$, where \hbar is the Planck constant divided by 2π , m_e the electron rest mass and a_0 the Bohr radius.

Source:

CODATA Bull. 1986, 63, 1