

Notation and Dimensional Conventions

Unless explicitly stated otherwise, SI units are assumed. Natural units ($c=\hbar=1$) may be used locally for qualitative arguments, but all dimensional relations below are given in explicit physical units.

Symbol Table

Symbol	Meaning	Dimension
E	Energy (total, local, or wave-carried)	J
W	Work	J
t	Time	s
g	Field allowance / work intensity	$\text{J}\cdot\text{s}\square^{-1}$
N_g	Number of gravitons (or work quanta)	1
ρ_w	Work density	$\text{J}\cdot\text{s}\square^{-1}\cdot\text{m}\square^{-3}$
V	Volume	$\text{m}\square^3$
λ	Decay constant	$\text{s}\square^{-1}$
ΔE	Energy difference / threshold	J (or MeV)
N_p	Number of protons	1
N_n	Number of neutrons	1
ψ	Wave function / wave amplitude	depends on normalization
ω	Angular frequency	$\text{s}\square^{-1}$
A	Wave amplitude	field-dependent
E_{wave}	Energy transported by wave	J
E_{cond}	Condensation threshold energy	J
P_{in}	External energy inflow	$\text{J}\cdot\text{s}\square^{-1}$
a_{grav}	Gravitational acceleration	$\text{m}\cdot\text{s}\square^{-2}$
∇g	Gradient of field allowance	$\text{J}\cdot\text{s}\square^{-1}\cdot\text{m}\square^{-1}$
R	Characteristic radius	m