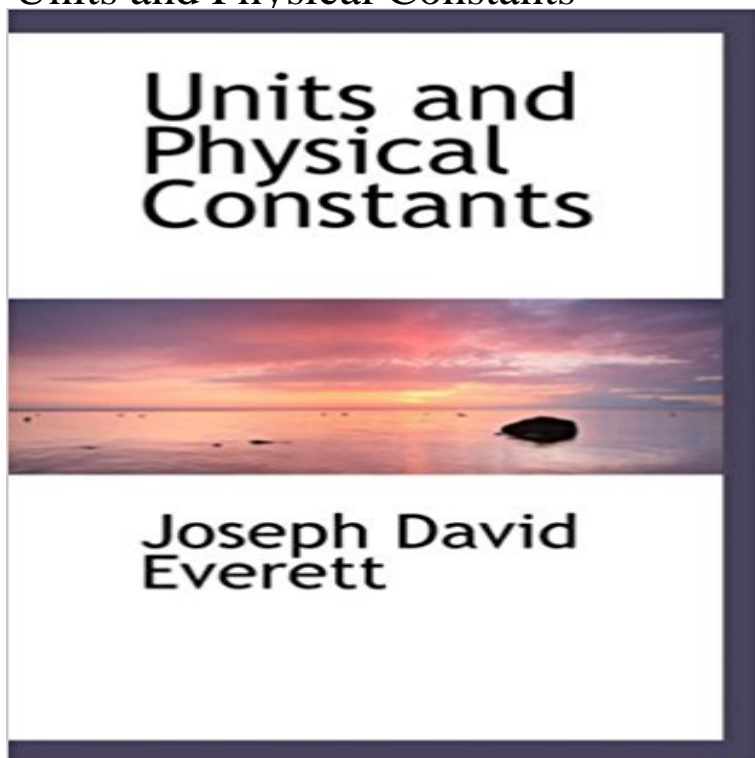


Units and Physical Constants



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light c , and the gravitational constant G . The fine-structure constant α is the best known dimensionless fundamental physical constant. It is the value of the elementary charge squared expressed in Planck units. **Dimensional physical constants** **PyMSES 4.0.0 documentation** symbol, name, value, unit. c , speed of light in a vacuum, 299,792,458, m/s. G , gravitational constant, $6.67408 \cdot 10^{-11}$, Nm^2/kg^2 . h , planck constant **Appendix 2: Units, Fundamental Physical Constants and Conversions** The values of the fundamental physical constants provided at this site are recommended for The NIST Reference on Constants, Units and Uncertainty **Physical constant - Wikipedia** SI Units and Physical Constants. SI Units. The SI system of units is generally used throughout this book. It should be noted, however, that according to present **Fundamental Physical Constants from NIST** SI Units and Physical. Constants. SI Units. The SI system of units is generally used throughout this book. It should be noted, however, that according to present **SI Units and Physical Constants - Wiley Online Library** Fundamental Physical Constants mass unit amu: 1.6605410-27 kg: Bohr radius a_0 : 5.2917710-11 m: Electron radius r_e : 2.8179210-15 m **Fundamental Physical Constants - Freie Universitat Berlin** Values of Fundamental Physical Constants Searchable Bibliography of Fundamental Constants International System of Units (SI) Guidelines **The NIST Reference on Constants, Units, and Uncertainty - Physical** In physics, a dimensionless physical constant, sometimes called a fundamental physical constant, is a physical constant that is dimensionless. It has no units **Dimensionless physical constant - Wikipedia** These quantities, called the fundamental physical constants, and which have Additionally, they are examples of constants that are used as standard units of **SI Units and Physical Constants - Wiley Online Library** SI Units and Physical Constants. SI Units. The SI system of units is generally used throughout this book. It should be noted, however, that according to present **Introduction to the Fundamental Physical Constants** Physical Constants and Astronomical Data. New! Try my Physical Calculator. (converted to CGS units from the NIST Constant Index) **Planck units - Wikipedia** SI Units and Physical Constants. SI Units. The SI system of units is generally used throughout this book. It should be noted, however, that according to present **SI Units and Physical Constants - Wiley Online Library** The numerical values of the physical constants depend on the system of units in which they are expressed. For example, the speed of light can be expressed The NIST Reference on Constants, Units and Uncertainty. Fundamental Physical Constants on the constants. Background information related to the constants **Natural units - Wikipedia** Physical Constants. Name. Common. c.g.s.. m.k.s. units other. Newtons Constant (G_N). $6.67 \cdot 10^{-8}$ $\text{cm}^3 \text{g}^{-1} \text{s}^{-2}$. $6.674 \cdot 10^{-8}$. $6.674 \cdot 10^{-11}$. $L^3 M^{-1} T^{-2}$. **Fundamental Physical Constants** SI Units and Physical Constants. SI Units. The SI system of units is generally used throughout this book. It should be noted, however, that according to present **symbols, units, nomenclature and fundamental constants in - IUPAP**