

NAMED CONSTANTS

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Lorenzo Romano Amedeo Carlo Avogadro, Conte de Quaregno e Cerreto



9 August 1776 - 9 July 1856
Italian, b. Turin Italy

Avogadro's Number, $N = 6.023 \times 10^{23}$ molecules mole⁻¹

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Ludwig Edward Boltzmann



20 February 1844 - 5 September 1906
Austrian, b. Vienna, Austria

Boltzmann's constant, $k_B = 1.380 \times 10^{-23} \text{ J K}^{-1}$

Boltzmann, L., *Sitzungsberichte der Akademie Wissenschaften in Wien: Mathematisch-Naturwissenschaftliche Classe* **1877**, 76ll, 373

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Michael Faraday



22 September 1791 - 25 August 1867

British, b. Newington Butts, Surrey, near London, England

Faraday Constant, $F = 9.65 \times 10^4 \text{ C}$

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Max Karl Ernst Ludwig Planck



23 April 1858 - 3 October 1947

German, b. Kiel, Germany

Planck's Constant, $h = 6.625 \times 10^{-34} \text{ J s}$

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Johannes Robert Rydberg



8 November 1854 - 28 December 1919
Swedish, b. Halmstad, Sweden

Rydberg constant, $R = 1.097 \times 10^7 \text{ m}^{-1}$

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Josef Stefan



24 March 1835 - 7 January 1893
Austrian, b. near Klagenfurt, Austria

Stefan-Boltzmann Constant, $\sigma = 5.669 \times 10^{-8} \text{ J m}^{-2} \text{ s}^{-1} \text{ K}^{-4}$

Stefan, J., *Sitzungsberichte der Akademie der Wissenschaften in Wien* **1879**, 79(II), 391
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