

## rotational constants

Coefficients of quantum numbers in the rotational term expression and inversely proportional to the principal moments of inertia. Symbols:  $A$ ,  $B$ ,  $C$ .  $\tilde{A} = \frac{h}{8\pi^2 c I_A}$  (dimension wavenumber),  $A = \frac{h}{8\pi^2 I_A}$  (dimension frequency) where  $h$  is the Planck constant and  $c$  the speed of light in vacuum.

**Source:**

Green Book, 2nd ed., p. 23