

Cosmic background radiation

Radiacion de fondo cosmico

$$\nu = 160, 2GHz$$

$$\lambda = 1.9mm$$

$$T = 2.72548 \pm 0.00057K$$

Calculate the relationship between temperature and absolute Hartrees

Calculemos la relacion entre hartrees y la temperatura absoluta

$$T^{\circ}K = \frac{E}{k} = H(\text{Hartrees}) \times \frac{4.359744 \times 10^{-18} J}{1.38054 \times 10^{-23} JK^{-1}}$$

Hartrees calculate the corresponding temperature for cosmic background

Calculemos las hartrees correspondientes para la temperatura de fondo cosmico

$$H(\text{Hartrees}) = 2.72548K \frac{1.38054 \times 10^{-23} JK^{-1}}{4.359744 \times 10^{-18} J} \pm 0.00057K \frac{1.38054 \times 10^{-23} JK^{-1}}{4.359744 \times 10^{-18} J} = 8.6304 \times 10^{-6} \pm 1.8049 \times 10^{-9}$$

Compute the corresponding inverse temperature in the cosmic sector or Counterspace

Calculemos la temperatura inversa correspondiente en el sector cosmico o contraespacio

$$T_c = H(\text{Hartrees}) \times \frac{4.359744 \times 10^{-18} J}{1.38054 \times 10^{-23} JK^{-1}} = \frac{1}{8.6304 \times 10^{-6}} \frac{4.359744 \times 10^{-18} J}{1.38054 \times 10^{-23} JK^{-1}} = 3.6592 \times 10^{10} K = 36592 \times 10^6 K$$

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$$\Delta T_c = \pm 15 \times 10^6 K$$