m^2s^{-1}/Hz

$$C(v)$$

V

$$P(v) = \frac{dC(v)}{dv} \ .$$

$x(v)$

$$x = \ln v$$

$T(x)$

$$T(x) = dC(x) \quad dx = \frac{dC(v)}{dv}\frac{dv}{dx} = vP(v)$$

$$\nu P(\nu)$$

$$\ln \nu$$

$$\ln(10) \log_{10} \nu \approx 2.30 \log_{10} \nu$$

$P(\nu)$

$\log_{10} \nu$

$-5/3$

$\log_{10}(\nu)$

$$V^{5/3}$$

$$(2\pi/V)(CP(v)v^{5/3})^{3/2}$$

V

$$C = 1.5$$