Prominent $\mathrm{T_EX_{MACS}}$ equations features

Unsurpassed typesetting :

$$\cfrac{1}{1+\cfrac{1}{1+\cfrac{2}{1+\cfrac{3}{1+\cfrac{4}{1+\cfrac{5}{1+\cfrac{6}{1+\cfrac{7}{1+\ddots}}}}}}}} = \sqrt{\frac{\pi\, e}{2}}\left(1-\operatorname{erf}\frac{1}{\sqrt{2}}\right) = \sqrt{e}\left\{\sqrt{\frac{\pi}{2}} - \sum_{n=0}^{\infty}\frac{(-1)^n}{2^n\, n!\,(2\,n+1)}\right\}$$

Many fonts available :

$$\frac{1}{\pi} = \frac{2\sqrt{2}}{9801}\sum_{k=0}^{\infty}\frac{(4k)!\,(1103+26390k)}{(k!)^4 396^{4k}}$$

Automatic baseline alignement $n(t) = \dfrac{s(t)}{1-\int_0^1 s(t)dt}$ in writer.

Colored equations

$$S_{I_0\,I_0}(t, V) = 4\pi\frac{G_K}{\hbar}\left((1-\mathcal{T}_0)\mathcal{T}_0\, e^{J(t)}\gamma(t)\cos\frac{eVt}{\hbar} + \mathcal{T}_0^2\,\gamma(t)\right)$$

$$\frac{dE_0^*}{dE_0} = \frac{C_{\mathrm{gtot}} - C_3(E_0, Z=0)}{C_{\mathrm{gtot}} - C_3(E_0^*, Z)}$$