2024 august 30

$$2(t) = 0.22 + 0.52 \cos(2\pi 421 t + 0.53\pi)$$

$$-0.32 \cos(2\pi 432 t + 0.92\pi)$$

$$= 0.27 \cos(0)$$

$$+0.32 \cos(2\pi 421 t + 0.53\pi)$$

$$-0.22 \cos(2\pi 423 t - 0.92\pi - \frac{1}{2})$$

$$= 0.22 e^{-\frac{1}{2}}$$

$$= 0.22 e^{-\frac{1}{2}}$$