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segundo teorema traslación

$$= \mu_8(t) \mathcal{L}^{-1} \left\{ \frac{1}{s^2} \right\} \Big|_{t \rightarrow t-8} + \mu_3(t) \mathcal{L}^{-1} \left\{ \frac{1}{s^4} \right\} \Big|_{t \rightarrow t-3}$$

$$= \mu_8(t) \cdot \frac{t'}{1!} \Big|_{t \rightarrow t-8} + \mu_3(t) \frac{t^3}{3!} \Big|_{t \rightarrow t-3}$$

$$= \mu_8(t) (t-8) + \mu_3(t) \frac{(t-3)^3}{6}$$