torsdag 25 januari 2024

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$$P(+) = \frac{1}{6} \left(O(+) - O(+-6) \right)$$

$$\int_{b}^{\infty} (+) e^{-st} dt = \int_{b}^{\infty} e^{-st} ds = \int_{annacs}^{\infty} e^{-st} ds$$

$$\int_{b}^{\infty} (t) e^{-st} dt = \int_{0}^{b} \frac{1}{b} e^{-st} dt =$$

$$=\frac{1}{b}\left[-\frac{e^{-st}}{s}\right]_{0}^{b}=\frac{1}{b}\left(-\frac{e^{-sb}}{s}+\frac{e^{0}}{s}\right)=$$

$$=\frac{1}{bs}\left(1-e^{-sb}\right)$$