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   Tugaso Praktikum Komputasi
 Solusi:
       I, 510 x2 ex dx
               = \int x^{2} e^{-x} dx
= x^{2} (-e^{-x}) - \int e^{-x} \cdot 2x dx
= x^{3} (-e^{-x}) - 1 \cdot (-2) \int e^{-x} dx
\cdot x^{2} (-e^{-x}) + 2x \int x e^{-x} dx
= x^{3} (-e^{-x}) + 2 \left(x (-e^{-x}) - \int -e^{-x} dx\right)
  Gunalan \int -f(x) dx = -\int f(x) dx

= \chi^{\perp} (-e^{-x}) + 2 (x (-e^{-x}) + \int e^{-x} dx)

Cumlan \int e^{-x} dx = -e^{-x}

= \chi^{2} (-e^{-x}) + 2 (x (-e^{-x}) - e^{-x})
      Sederhanalan menjadi.
                   -x<sup>2</sup>e<sup>-x</sup> - 2xe<sup>-x</sup> - 2e<sup>-x</sup>
     grandon f(x) |_{a}^{b} = f(b) - f(a)
= -10^{2} e^{-10} - 2.10e^{-10} - 2e^{-10} - (-1^{2}e^{-1} - 2.1e^{-1} - 2e^{-1})
      Severhandla
                     = \frac{-122}{\rho_{10}} + \frac{\varsigma}{e} \approx 1.83386
                   ≈ 1,83386
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