

Suggested problems 21

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1. Find the inverse Laplace transform of each function below

(a)

$$F(s) = \frac{1}{s^4 - 81};$$

(b)

$$F(s) = \frac{4s + 2}{s^2 + 6s + 34};$$

(c)

$$F(s) = \frac{3s - 7}{4s^2 + 1};$$