





The guitant solution of the differential expansion $y^{\alpha}=0.y^{\gamma}+9y=14$ is $00.(p_1+c_2x)p^{2x}+\frac{19}{7} \quad (0) \quad (c_1+c_2x)p^{2x}+141 \quad (1) \quad \left(c_1+14\right)+c_2x+2x \quad (0) \quad \left(c_1+\frac{19}{7}+c_2x\right)p^{2x}$ The particular integral $\frac{1}{D+1}(2021)^s$ is $\stackrel{\text{(a)}}{=} \frac{1}{201} (2021)^g \stackrel{\text{(b)}}{=} \quad \varepsilon (2021)^g \stackrel{\text{(d)}}{=} \quad \frac{1}{\ln 2021} (2021)^g \stackrel{\text{(d)}}{=} \quad \frac{1}{(\ln 2021) + 5} (2016)^g \quad \text{CO2, L2}$ The particular integral of the differential equation $y'' + 2y' + 2y = x^2e^{-x}$ is (i) $e^{-s}(x^2+2x+2)$ (b) $e^{-s}(x^2-2)$ (c) $e^{-s}(2x^2+4x+2)$ (d) $\frac{e^{-s}x^2}{2}$ CO2, L2

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A SALE