NAME: OJO-ONI DANIEL OLUWASEGUN, MATRIC NO.; 19/ENG09/016, DEPARTMMENT; AERONAUTICAL ENGINEERING, COURSE, MAT 102 GENERAL MATHEMATICS II, LECTURER; MR. OKUNLOLA, DATE SUBMITTED; 16TH OF APRIL, 2020.

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$$\begin{array}{c} A \text{ privite mean } \text{ slang } a (urve, x = -5t^{4}, j = t^{3} + 4t, z = t+1) \\ \text{where } t \text{ is time } \text{ find its auteriation.} \\ & \text{solution.} \\ \hline \text{ Garen } x = -5t^{2}, j = t^{2} - 4t, z = t+1 \\ \text{let } r = -5t^{2}, j = t^{2} - 4t, z = t+1 \\ \text{let } r = -5t^{2}, j = t^{2} - 4t, z = t+1 \\ \text{let } r = -5t^{2}, j = t^{2} - 4t, z = t+1 \\ \text{let } r = -5t^{2}, j = t^{2} - 4t, z = t+1 \\ \text{let } r = -5t^{2}, j = t^{2} - 4t, z = t+1 \\ \text{let } r = -5t^{2}, j = t^{2} - 4t, z = t+1 \\ \text{let } r = -5t^{2}, j = t^{2} - 4t, z = t+1 \\ \text{let } r = -5t^{2}, j = t^{2} - 4t, z = t+1 \\ \text{let } r = -5t^{2}, j = t^{2} - 4t, z = t+1 \\ \text{let } r = -5t^{2}, j = t^{2} - 4t^{2}, z = t^{2} \\ \text{wellower } z = t^{2}, z = -16t + 2j \\ \text{dt} \\ \hline \text{let } r = -5t^{2}, z = -16t + 2j \\ \text{dt} \\ \hline \text{let } r = -5t^{2}, z = -16t + 2j \\ \text{dt} \\ \hline \text{let } r = -5t^{2}, z = -16t + 2j \\ \text{dt} \\ \hline \text{let } r = -5t^{2}, z = -16t + 2j \\ \text{dt} \\ \hline \text{let } r = -5t^{2}, z = -16t + 2j \\ \text{dt} \\ \hline \text{let } r = -5t^{2}, z = -16t + 2j \\ \text{dt} \\ \hline \text{let } r = -5t^{2}, z = -16t + 2j \\ \text{dt} \\ \hline \text{let } r = -5t^{2}, z = -16t + 2j \\ \hline \text{let } r = -5t^{2}, z = -16t + 2j \\ \hline \text{let } r = -5t^{2}, z = -16t + 2j \\ \hline \text{let } r = -5t^{2}, z = -16t \\ \hline \text{let } r = -5t^{2}, z = -16t \\ \hline \text{let } r = -5t^{2}, z = -16t \\ \hline \text{let } r = -5t^{2}, z = -16t \\ \hline \text{let } r = -5t^{2}, z = -16t \\ \hline \text{let } r = -5t^{2}, z = -16t \\ \hline \text{let } r = -5t^{2}, z = -16t \\ \hline \text{let } r = -5t^{2}, z = -16t \\ \hline \text{let } r = -5t^{2}, z = -16t \\ \hline \text{let } r = -5t^{2}, z = -16t \\ \hline \text{let } r = -5t^{2}, z = -16t \\ \hline \text{let } r = -5t^{2}, z = -16t \\ \hline \text{let } r = -5t^{2}, z = -16t \\ \hline \text{let } r = -7t^{2}, z = -7t^{2}, z = -16t \\ \hline \text{let } r = -7t^{2}, z =$$

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VV : (A×B)×(= 551 - 30j - 40+ S Given R= 4 sin 3t; + 4e^{3t}; + 7t³ + 7t³ + , find the integril of R with respect to t from a to 1. Solution R= 4 sin 3t; + 4e^{3t}; + 7t³ + Integril of P= 4 × (-1/3 (53t); + 4 (1/3 c^{3t}); + 7t⁴ + Solution from 0, Inter+1 of 2 = 4 × (-1/ (050); + + (-1/ + 0 + t = 0, $\int R = 4 \times \left(-\frac{1}{3} \times 1\right) t + 4 \left(\frac{1}{3}\right)$ from 1. lotopol of 1 = 4/3 i + 4/3 j + 4 (1/3e') + 7 tot. SP = 4 (-1/3 Cost) + 4 (Y3") + 7 x