Nama : Abdillah Mufki Ayzan Mubin
NPM : 4062110004 6

8. $\int \sin^3\left(\frac{1}{5}x\right) \cos^2\left(\frac{1}{5}x\right) dx$

Solusi :

$\int -5t^2 + 5t^4 \, dt$

$-\int 5t^2 \, dt + \int 5t^4 \, dt$

$-\frac{5t^3}{3} + t^5$

$-\frac{5\cos\left(\frac{1}{5}x\right)^3}{3} + \cos\left(\frac{1}{5}x\right)^5 + C, C \in R$

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