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IT/ENGG02/019

Computer Engineering
ENG 282: ~~maths~~

ENGINEERING MATHS ASSIGNMENT 3

Command window

clear

clc

Syms x, y, z

$$File = x^2 * y * z^3 + x * y^2 * z^2$$

g = gradient(F, [x, y, z])

Subs(g, [x, y, z], [1, 3, 2])

$$\Rightarrow \text{Gradient } \phi = 84i + 32j + 2k$$