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Assignment 3

Civil Engineering

FA/ENEO3048

1.
$$f = xy^2z + x^2y^2z^2$$

Command window

clear

clc

syms x, y, z

$$f = x \cdot y^2 \cdot z + x^2 \cdot y^2 \cdot z^2$$

diff (f, x)

diff (f, y)

diff (f, z)

subs (M, x, 2, y, 3, z, -2)