Elyas Sanzar 922ElyasSanzar.pdf

$z = g = 1 - x^2 - y^2$ $\iint_D \left(-P\frac{dg}{dx} - Q\frac{dg}{dy} + P_1\right) dA$

$\iint_D (-xy \cdot -2x) - (yz \cdot -2y) + 2x = 2x^2 + 2z = 0$

$\iint_D 2x^2y^2 + (2y^2 + x)(1 - x^2 - y^2)\, dS \quad (x,y) \mid 0 \le x \le 1,$
$0 \le y \le 1$

mpu = 83/180