

Taker Name:

GTID: 90

Section:

Grader #1:

GTID: 90

PA#7A - §16.6: Surface Integrals

Suppose the density of a thin plate S in the shape of the portion of the plane $z = 4 - x - y$ in the first octant is given by $\delta(x, y, z) = xy$. Find the mass of the plate.

A

J

N

G2:

A

J

N

G3:

A

J

N