

Taker Name:

GTID: 90

Section:

Grader #1:

GTID: 90

PA#2A- §12.5: Lines and Planes

Find the plane containing the lines parameterized by

$$\ell_1(t) = \langle 2, 0, -1 \rangle + t\langle 2, 2, 1 \rangle, \quad -\infty < t < \infty$$

$$\ell_2(s) = \langle 1, 1, -1 \rangle + s\langle -1, 1, 0 \rangle, \quad -\infty < s < \infty$$

Give your answer in the form $Ax + By + Cz = D$ or $a(x - x_0) + b(y - y_0) + c(z - z_0) = 0$.**A****J****N**

G2:

A**J****N**

G3:

A**J****N**