MATH 2550 / / **Peer Assessment Activity** FALL '25

Taker Name: GTID: 90 Section:

Grader #1: GTID: 90

*§§12.5: Lines and Planes*

Find the plane containing the lines parameterized by

$$\ell_1(t) = \langle 1, 0, 2\rangle + t\langle 2, 1, 0\rangle, \qquad -\infty < t < \infty$$
$$\ell_2(s) = \langle 3, 1, 2\rangle + s\langle -1, 0, 1\rangle, \qquad -\infty < s < \infty$$

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

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|---|---|
| A | |
| J | |
| N | |

G2:

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| A | |
| J | |
| N | |

G3:

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| A | |
| J | |
| N | |