

MECH 6300-HW 3

2)

$$a) \Lambda(s) = (s - \lambda_1)^3 (s - \lambda_2)$$

$$\Psi(s) = \Lambda(s) = (s - \lambda_1)^3 (s - \lambda_2)$$

$$b) \Lambda(s) = (s - \lambda_1)^4$$

$$\Psi(s) = (s - \lambda_1)^3$$

$$c) \Lambda(s) = (s - \lambda_1)^4$$

$$\Psi(s) = (s - \lambda_1)^2$$

$$d) \Lambda(s) = (s - \lambda_1)^4$$

$$\Psi(s) = (s - \lambda_1)^2$$