

$$R_1(1) = 1 \quad R_2(1) = 2 \quad R_3(1) = 3 \quad R_4(1) = 2 \quad R_5(1) = 1$$

$$R_1(2) = 2 \quad R_2(2) = 1 \quad R_3(2) = 2 \quad R_4(2) = 2 \quad R_5(2) = 1$$

$$R_1(3) = 1 \quad R_2(3) = 2 \quad R_3(3) = 2 \quad R_4(3) = 3 \quad R_5(3) = 1$$

$$R_1(4) = 1 \quad R_2(4) = 1 \quad R_3(4) = 2 \quad R_4(4) = 3 \quad R_5(4) = 1$$

$$\mathbf{N}_1 = (3, 1, 0), \mathbf{N}_2 = (2, 2, 0), \mathbf{N}_3 = (0, 3, 1), \mathbf{N}_4 = (0, 2, 2), \mathbf{N}_5 = (4, 0, 0)$$

$$\Rightarrow \mathbf{N}_5 \prec \mathbf{N}_1 \prec \mathbf{N}_2 \prec \mathbf{N}_3 \prec \mathbf{N}_4$$