

$$\mathbf{Y}^{\text{int}} = \begin{array}{cccccccccccccccc} \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} \\ y_1^{\text{int}} & y_3^{\text{int}} & & & & & & & y_9^{\text{int}} & & y_{12}^{\text{int}} & & & & & y_{16}^{\text{int}} \end{array} = \text{Linear}_{\text{int}} \left(\begin{array}{cccccccccccccccc} \text{[red grid]} & \text{[red grid]} & \text{[red grid]} & \text{[red grid]} & \text{[red grid]} & \text{[red grid]} & \text{[red grid]} & \text{[red grid]} & \text{[red grid]} & \text{[red grid]} & \text{[red grid]} & \text{[red grid]} & \text{[red grid]} & \text{[red grid]} & \text{[red grid]} & \text{[red grid]} \\ \bar{z}_1 & \bar{z}_3 & & & & & & & \bar{z}_9 & & \bar{z}_{12} & & & & & \bar{z}_{16} \end{array} \right)$$

$$\mathbf{Y}^{\text{out}} = \begin{array}{cccccccccccccccc} \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} \\ y_1^{\text{out}} & y_3^{\text{out}} & & & & & & & y_9^{\text{out}} & & y_{12}^{\text{out}} & & & & & y_{16}^{\text{out}} \end{array} = \text{Linear}_{\text{out}} \left(\begin{array}{cccccccccccccccc} \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} & \text{[blue grid]} \\ y_1^{\text{int}} & y_3^{\text{int}} & & & & & & & y_9^{\text{int}} & & y_{12}^{\text{int}} & & & & & y_{16}^{\text{int}} \end{array} \right)$$