



$$M_6 = P_7 + P_6$$

$$M_5 = M_6 + P_5$$

$$M_4 = M_5 + P_4$$

$$M_3 = M_4 + P_3$$

$$Q_7 = Q_6 + P_7$$

$$Q_6 = Q_5 + M_6 + P_6$$

$$Q_5 = Q_4 + M_5 + P_5$$

$$Q_4 = Q_3 + M_4 + P_4$$

$$Q_3 = M_3$$

$$P_6 \rightarrow P_6 = w_1 \cdot P_6$$

$$P_7 \rightarrow P_7 = \text{Resize}(P_7)$$

$$\rightarrow P_7 = w_2 \cdot P_7$$

$$P_6, P_7 \rightarrow M_6 = \frac{P_6 + P_7}{w_1 + w_2 + 1}$$

$$M_6 = \text{Conv}(M_6)$$

Pointwise conv =  $1 \times 1$  conv

Seperable conv

= each channel is subject to a different conv.

Essentially an elementwise multiplication.