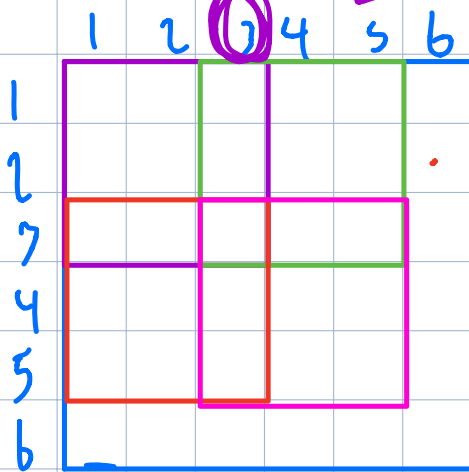


Assessment



(2x2)

(4)

$I = (100, 100)$

$f = (2, 2)$

$s = 1$

no pooling

$$D = (I - F + 2P) / s + 1$$

$$D = (100 - 2 + 2(0)) / 1 + 1$$

$$D = \frac{98}{1} + 1$$

$$O = (99, 99) \quad 4.1$$

$$\text{conv } 2-24 = (2, 2, 3) \cdot 24 = 288 \quad (4.2)$$

$$\theta = (I - F + 2P) / (S + 1)$$

$$I = \theta$$

$$\theta = \frac{\theta - F + 2P + 1}{S}$$

$$\theta - 1 = \frac{\theta - F + 2P}{S}$$

$$\theta S - S = \theta - F + 2P$$

$$\theta S - \theta - S + F = 2P$$

$$\frac{\theta S - \theta - S + F}{2} = P$$

$$\frac{\theta(S-1) - S + F}{2} = P \quad \star \quad (4)$$