

$$EX = (0.12 + 0.18 + 0.10) \times 1 + (0.25 + 0.27 + 0.08) \times 2 = 1.60.$$

$$EY = (0.12 + 0.25) \times 1 + (0.18 + 0.27) \times 2 + (0.10 + 0.08) \times 3 = 1.81.$$

$$E(X + Y) = EX + EY = 1.60 + 1.81 = 3.41.$$

Ved brug af sætning 4.2.1 fås

$$E(X \times Y) =$$

$$0.12 \times (1 \times 1) + 0.18 \times (1 \times 2) + 0.10 \times (1 \times 3) +$$

$$0.25 \times (2 \times 1) + 0.27 \times (2 \times 2) + 0.08 \times (2 \times 3) = 2.84.$$