

ESEMPIO su SEIENI SUCCESSO-FALLIMENTO

$$\Omega = \{ \omega = (w_1, w_2) : w_1, w_2 \in \{0, 1\} \}$$

$$P(\{ (0, 0) \}) = \frac{1}{5}$$

$$P(\{ (0, 1) \}) = \frac{2}{5}$$

$$P(\{ (1, 0) \}) = \frac{1}{5}$$

$$P(\{ (1, 1) \}) = \frac{1}{5}$$

$$X(\omega) = w_1 + w_2$$

$$P_X(0) = P(\{ (0, 0) \}) = \frac{1}{5}$$

$$P_X(1) = P(\{ (0, 1) \}) + P(\{ (1, 0) \}) = \frac{3}{5}$$

$$P_X(2) = P(\{ (1, 1) \}) = \frac{1}{5}$$