a = bile albe

b = bile negre

p = prob de la o experienta Schema Bernoulli cu bila intoarsa:

$$P(n,k) = C_n^k \times p^k \times q^{n-k}$$

Schema Bernoulli cu bila neintoarsa:  $\begin{aligned} \mathbf{q} &= 1 - p \\ P(n,k) &= C_n^k \times p^k \times q^{n-k} \end{aligned}$  Schema Bernoulli cu bila neintoarsa:  $P(n,k) = \frac{C_k^a \times C_{n-k}^b}{C_n^{a+b}}$  Schema Poisson:  $P(n,k) = (p_1x + q_1)(p_2x + q_2) \dots (p_nx + q_n) = x^k$