s = sir de n biti independenti si aleatori esoniments - 1111 ( pater bili 1 consecution ) into an zir de m lite. A = 0 Day 1 => P(A1) = 0 3 = 0 xau 1, 0, => P(A2)=0 A3 = 0 saul, s => P/A3)=0  $S_4 = 0$  Dau 1,  $S_3 = 3$   $2^{\frac{1}{2}} = 16$  posibilitati =  $P(A_4) = \frac{1}{16}$  $A_5 = 0$  sau 1,  $A_4 = 0$   $P(A_5) = \frac{1}{216} + \frac{12}{216} = \frac{3}{32}$ for PC 0 3, => P(An) = 16 Lis Pt 13 => 2 "Postilitati en ? casari favorabile => 2 103=0 113-611110 11111  $\frac{3}{6} = 0 \text{ Sau } 1, \delta_5 = 9 P(A_6) = \frac{1}{2} \cdot \frac{3}{32} + \frac{1}{2} \cdot \frac{1}{16} + \frac{1}{88/2} \cdot \frac{3}{64} + \frac{5}{64} = \frac{1}{8}$   $\frac{1}{5} P(A_5) = \frac{3}{32} + \frac{1}{2} \cdot \frac{1}{16} + \frac{1}{88/2} \cdot \frac{3}{64} + \frac{5}{64} = \frac{1}{8}$   $\frac{1}{5} P(A_5) = \frac{3}{32} + \frac{1}{16} \cdot \frac{1}{88/2} \cdot \frac{3}{64} + \frac{5}{64} = \frac{1}{8}$ Ly PE 135 => 1P(A4) + 1 32 = 1 16 + 1 1 +> 100, -> P(A4) 1 2 -3 -3 -30 f > 110 2 -30 2 111 2 - 4 111 100 1111 101 1111 101 L> 11 12 -> 4 = 1 = 7 1=0 san 1 36 => P(3) = 2 : 8 + 2 (2 : 32 + 2 : 2 : 9) = 8 : 2 + 2 : 32 + + 23 :1 + 1 8 : 163. 1 1 1 1 0 3 - > P (+a) 1 1 1 = 5 1111 13 -> 1 2 16 + 1 = 5 16

fortos, -sPIA, = 5 PEIS, => 1 . 1 / 2 / 32 PEIS, => 1 . 1 / 2 / 69 + 4/ 100 -> P(A6) Latorals  $\begin{array}{c}
1136 - \frac{1}{2}P(A_5) + \frac{1}{2}(\frac{1}{2}) = \frac{1}{2} \cdot \frac{3}{32} + \frac{1}{3}
\end{array}$ (3110 05 -> P(A5) Obs relația de recurența : P(Am) = 1P(A-1) + 1 P(A-1) + 23 P(A-3) + 24 P(A-4) + 1