13.04.2021. Varianta 18 P = 0, 12; 9 = 1-0, 12 = 0, 88 n= 1000; m= 100 +18= 113 P1000 (118) = C1000 P1 9 18 9 1000-118 $= \frac{1000!}{128! \cdot (1000 - 118)!} \cdot 0,88 \cdot 3$ $= 1.6 \cdot 10^{156} \cdot 2.2 \cdot 10^{-103} \cdot 1,08 \cdot 10^{-99}$ 2 3,801,10-2 EX.7 n = 18 - Bill h1 = 6 h2 = 7 h3 = 5 m z g - bil extrase succesió m, = 3 he z 4 hz = 1 A - E toale bille extrese vor liable 3 B- & mi-alle, m2-hege, m3-alberto3 C-2 mi-ble albe jour restul de able entris

P1 = 66 - Prababili totes EX extergri - bies only Da P2 = 18 - nogre P3 = 15 - alberte P(A) = Pg (9, 0, 0)= 9! (6) 3 (7) (8) 50 9! 0! 0! (18) (8) = 430 20010 - 5.10-5 P(B) = Pg(4,4,1)= = 91 (9) (3) (5) = = 630 (\frac{6}{18}) \cdot (\frac{7}{18}) \cdot \frac{7}{18} = 0.05 P(c) = Pg (9,5) = 9! (6) (12) = 9! (18) (18) = 0,2

EXX Datele din ex 7, bilele un menis in win P(A)-imposibil så extragela 3 bile albe când arlem door & P(B) = Pg(9, 9, 1) = C6 · C7 · C6 = Pg (4,5) = C6 · C12 = 91.91 m = 18+4=22 nr 3 m va aparea la prima oruncaris 3-8 la primete 18ty arun câri nu oa aporta ur 33 P 3 / - Pentru orice W.

(6) 20,0036 921 = (5)2/=0,021 FX 10. h = 1000 P=P(H) R= 3 R1= 7, K2= 17 P=0,01 #AD- 8 A Se va Rulia 9 din 1000 Bripedor's ABO & D va li cuprin intre 7 si HS Floring Moivle - Laplace (K-np)²
Ph(K) = 1 e 2 (K-np)
V2 Thpq
16 P1000 (3) = 1211 1000 . 0,01: 0,009 . 0 2 (\(\sigma \) 1000 . 0,010,33 Teorema Poisson. $P_n(k) \approx \frac{a^n \cdot e^a}{\kappa_1} \cdot e^a$ 1000 (9) ~ (1000.001)⁹ . e (1000.0,01)

