Sponn Amenin MY7-525 Danamee zagamel N2 Bapuann N17

1 2 1 2

Thomas & C. MY7-525 D. .... 5 6 ... 5 Ban 17 X ( E & 1) ... 1, 80 4 C- OSUMUM CMYSEMM

C-p: cnopmanen-puzpagnuk nobm uz 30 m5 1) Varior: (14, 1/2, 1/3, 1/4, 1/5), vge (; 6 2 C-p, C) - j-ù boronsmuri compgenon  $N = A_{30} = \frac{30!}{25!} = 30.29.28.27.26$ 2) A = { pui ognoro c-n3=> 2) (C, C, C, C, C) - payer, Les norm MA=A= 25! = 25! = 25.24-23.22-21=>  $= 7 P(A) = \frac{N_A}{N} = \frac{25 \cdot 29 \cdot 23 \cdot 22 \cdot 27}{30 \cdot 29 \cdot 28 \cdot 27 \cdot 26} \approx 0,3728$ Imbem: [0,3728]

N2 (Pasoma Hag omuskamu) 89M.17 8-denour man 4-répositi man 2832 3812 1-9 yma 2-9 yma 1) Verog: (24, 24, y), vgl x; E { 7, 83- i-à repersonement usin y 6 { 9, 83- man romani banunarom az 2-à ymor A= { y= 8 }  $B_0 = \{ \chi_1 = 2; \chi_2 = 2 \}$ B1= {x1=1; x2=5 um x2=5; x2=7}  $B_{1} = \{\chi_{1} = \delta; \chi_{2} = \delta\}$ max (P(BolA), P(B1/A), P(B2/A))-?

yeu. Bep. mb  $P(B|A) = \frac{P(BA)}{P(A)}$ 

2) 
$$B_0$$
,  $B_1$ ,  $B_2 - 77\Gamma C = 2$   $f_0$   $f_0$ 

$$P(B_{1}|A) = \frac{P(A|B_{2}) P(B_{1})}{P(A)} = \frac{5/60}{19/30} = \frac{5}{38}$$

$$\frac{4) P(B_{0}|A) = \frac{9}{38} \approx 0,2368}{P(B_{1}|A) = \frac{12}{19} \approx 0,6316}$$

$$P(B_{1}|A) = \frac{12}{19} \approx 0,6316$$

$$P(B_{2}|A) = \frac{3}{38} \approx 0,1316$$

Ombern: nausaill bepaamen nowson us 1-00 senow u 1-00 repnose wayrob, replace repersonentes bo ?- to youry.

NI

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2) Ve seg:  $(\chi_1, \chi_2, \chi$ 

2) Slycomb cot. A= {m ognoro cnommenengpaznagnima 3-2

=>P(A)= NA; NAZA5= 5! 25.4.3-2.1>>

4

ZP(A) Z 5.9.3.2.1 = 7,017.10

Ombem: 7,014.10-6

Tyens commun A, Bo, Bi 4 br cuegypourse: A= { bengment uran-dentit } (Bo = 9 Dea repelemental maps reprise? MTC B1= { 1 repen. man ilprusi, a grysser oliveriz Br = & replientalment maps dense 3 Karmu: max (P(BolA), P(B1(A), P(B(A))-2 Temenul. 

1)  $P(B_0) = \frac{3}{5} \cdot \frac{2}{7} = \frac{3}{70}$   $P(B_1) = \frac{3}{5} \cdot \frac{2}{7} \cdot 2 = \frac{6}{10}$   $P(B_2) = \frac{2}{5} \cdot \frac{1}{7} = \frac{1}{70}$ 2)  $P(A|B_0) = \frac{2}{6}$ ;  $P(A|B_1) = \frac{4}{6}$ ;  $P(A|B_2) = \frac{5}{6}$ 

3) 
$$U_{8}(B_{1}) = P(A) = \frac{1}{2} \frac{1}{8} \frac{1}{8} \frac{1}{8} \frac{1}{8} \frac{1}{8} = \frac{1}{8} \frac$$