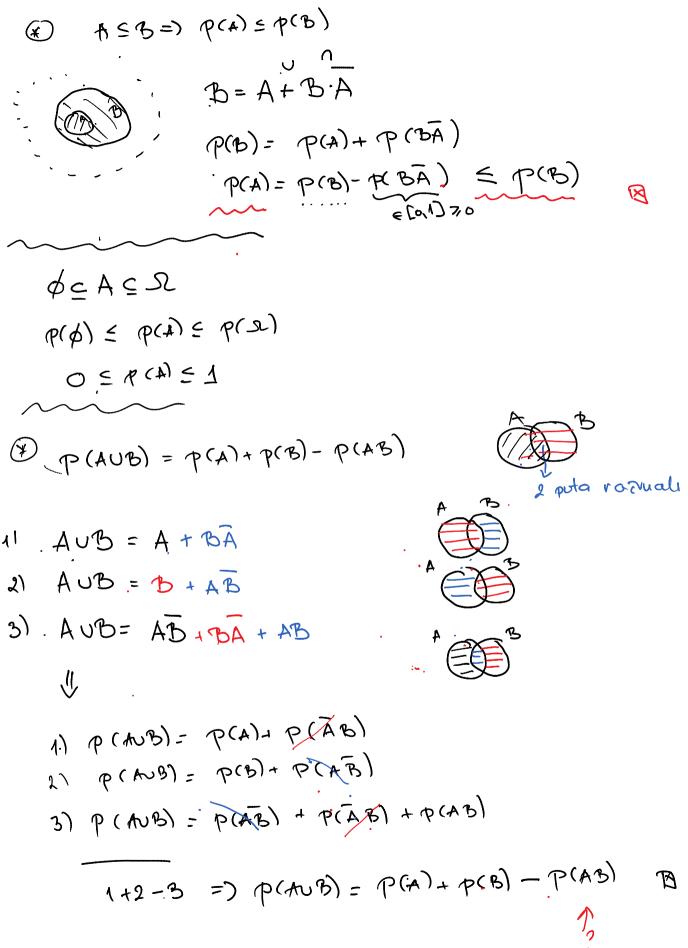
U Kvadrat stravice a upisau je keug. Kolika je (*) URV. da 8 masurice itabrana tacka it knadrata realized in knugu? $A - tacka \in brught$ $P(A) = \frac{P_0(a)}{P_0(a)} = \frac{Q_0^2 + H}{Q_0^2} = \frac{T}{4}$ (*) Bacamo kockicu u puta (n velici Broj) A-pala G B. porau Broj upr. N= 1200 1 2 3 4 5 G 205 195 193 195 207 204 Stat. URU. : $P(A) = \frac{u_1}{v_1} = \frac{204}{10-1} = 0.17 \approx \frac{1}{6} = 0.466...$ · P(B) = 196+195-1204 = 0.49383 ···· ~ 2 $\{(q, p), (P, q), (q, r), (q, q)\}$ $\{(rq), (qr), (q, q)\}$ (*) Bacamo 2 movérca A - bar 1 glava (x) Oglava, 1 glave, Zglave $p(\overline{A}) = \frac{1}{4}$ $p(A) = 1 - p(A) = 1 - \frac{4}{4} = \frac{3}{4}$



(*) 1)
$$p(A|B) = p(A)$$

2) $p(B|A) = p(B)$
3) $p(AB) = p(A) \cdot p(B)$
(*) $p(A|B) = p(A) \cdot p(B)$
(*) $p(A|B) = p(A|B) = p(AB)$
(*) $p(B) = p(A|B) = p(A|B)$
(*) $p(A|B) = p(A|B)$
(*

* Bacamo 3 novaica; A - pala 3 pisura ili 3 glane ·B - pala bar 2 pisma (2 Ni 3) C - pale naprise 2 glave. (0,1,2) Kaji ad događaja su zavisni / mezavisni ? S- 2.2.2=8 $A = \{PPP, GGG\} = P(A) = \frac{2}{2}$ $D = S PPG , PGP, GPP, PPPY =) P(B) = \frac{4}{5}$ $AB = \hat{I}PPP\hat{Y} = \hat{P}(AB) = \frac{1}{2}$ $AC = SPPPS = P(AC) = \frac{1}{8}$ BC = 3 PPG, PGP, GPP, PPP y => P(BC) = ... 4 Negavisui alco to(AB) = p(A).p(B) (teorema 3°) $(P(AB) = \frac{1}{8} = P(A) \cdot P(B) = \frac{1}{8} \cdot \frac{4}{8} = \frac{1}{2}$ W = A i B use auisui $P(AC) = \frac{1}{3} = P(A) P(C) = \frac{1}{3} \cdot \frac{1}{3} = \frac{1}{32} \cdot \frac{1}{3} \cdot \frac{1}{3} = \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} \cdot \frac{1}{3} = \frac{1}{3} \cdot \frac{1}{3$ $p(bc) = \frac{4}{8} \stackrel{?}{=} p(b) \cdot p(c) = \frac{4}{8} \cdot \frac{7}{8} = \frac{7}{10} \cdot \frac{4}{9} = 3 \cdot \frac{7}{10} \cdot \frac{4}{9}$

