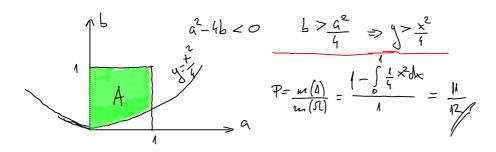
Geometrijska vjerojatnost ca 1 zal na 171

$$P(A) = \frac{m(A)}{m(\Omega)}$$

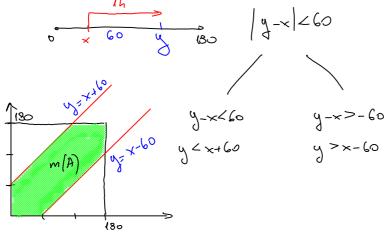
Pringer 1: Birano na sreca l'broja i [0,1]

Kolika je vjergatazit da kvadratna jednatta
bude stojo veća ed nule.



Pr 2: Simona i Ante izlaze van, neovisio jedno o drugom, u terminu od 00:00, do 03:00, i zadrze se 14. Voliza je vjergatnost susreta.

$$-x$$
-Ante $-x$ -Simone $x, y \in [0, 180]$



$$P(A) = \frac{m(A)}{m(R)} = \frac{180^2 - 2 \cdot \frac{1}{2} \cdot 120^2}{180^2} = \frac{5}{9} = 0.55/$$

12:39

~ (15) c) Bacano 4 kocke, ako znamo da je zbroj 8, kolle je vjerojetnost de su manji od 3

 $B = \{ 250 \} < 8 \}$, $A = \{ 501 \text{ biogen many od } 3 \}$ P(A|B) = ? $|\Omega| = 64$

$$P(A|B) = \frac{P(AB)}{P(B)} = \frac{15}{35} = \frac{15}{35} = \frac{3}{7}$$

$$\sum = 35$$
 $P(B) = \frac{35}{64}$

$$H_1 = 2 M_2 \qquad P(H_1) = \frac{\binom{2}{2}}{\binom{5}{2}}$$

$$H_{L} = \left\{ (M + 10) \right\} P(H_{2}) = \frac{\left(\frac{2}{1}\right)\left(\frac{3}{1}\right)}{\left(\frac{5}{2}\right)} = \frac{6}{10}$$

H₃ =
$$(20)^2$$

$$P(H_3) = \frac{\binom{3}{2}}{\binom{5}{2}} = \frac{3}{10}$$

$$P(H_3) = \frac{1}{2}$$

$$P(H_3) = \frac{3}{2}$$

$$P(H_3) = \frac{3}{10}$$

$$P(\Pi|H_1) = \frac{\binom{3}{1}}{\binom{7}{1}} = \frac{3}{7} \quad P(\Pi|H_2) = \frac{\binom{2}{1}}{\binom{7}{1}} = \frac{2}{7}$$

$$P(n) = P(H_1) P(n|H_1) + P(H_2) P(H_2) + P(H_3) P(H_3)$$

$$= 0.257$$

Priniper 4 and MI 2008

Bacamo kocku te u ovisnosti o rezultatu, bacano gos n puta. Ako su ukupno pele tozno 2 petice. Okolika je vjerojatnost da je jedna od njih zela u prvom becampi

Hi =
$$\begin{cases} p_{ao} & je & i-ti & b_{rig} \end{cases}$$

(1) $P(H_1) = \frac{1}{6}$ $i = 1, 2, 3, 4, 5, 6$

A = { pale ou tour dije petre}

(2)
$$P(A|H_1) = 0$$

 $P(A|H_2) = \left(\frac{1}{6}\right)^2$

$$P(A|H_2) = \begin{pmatrix} 3\\2 \end{pmatrix} \left(\frac{1}{6}\right)^2 \left(\frac{5}{6}\right)^4$$

$$P(A/H_n) = \binom{4}{2} \left(\frac{1}{6}\right)^2 \left(\frac{5}{6}\right)^2$$

P(A/Hz)=(5)(1)(5)4 petica tretano

$$P(A|H_6) = \binom{6}{2} \left(\frac{1}{6}\right)^2 \left(\frac{5}{6}\right)^6$$

$$P(H_5|A) = \frac{P(H_5)P(A|H_5)}{\sum_{i=1}^{6} P(H_i)P(A|H_i)} = 0.49263$$