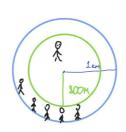
Д33

- o $A_{1, ..., A_{N}} A_{N} Heg. co5 <math>P(A_{i}) = Pi$ $P(xor. oguo) = P(A_{1} \cup ... \cup A_{n}) = 1 - P(uu oguo) = 1 - \prod_{i=1}^{N} (1-p_{i}) = 1 - (1 - \frac{2}{7!})^{N}$
- o $P(A_1,...,A_n) = P(A_1) ... P(A_n) = \prod_{i=1}^{n} P_i = \left(\frac{2}{7!}\right)^n$
- o $\frac{2}{7!} \cdot \left(1 \frac{2}{7!}\right)^{h-1}$ ecru Torbko ua noch paz; $\frac{2}{7!}$ ecru npoato ua noch paz buenaro miro
- (32) A, B- Hey cos: $P(A \cap B) = P(A) \cdot P(B)$ $P(A \cap A) = P(A) \cdot P(A)$ $P(A)^2 = P(A) = P(A) = P(A) = P(A)$
- (33) A 0.6 pobuo 2 nonaru $P(\overline{A} \cap B \cap C) \cup (A \cap \overline{B} \cap C) \cup (A \cap B \cap \overline{C}) = (0.4 \cdot 05 \cdot 0.4) + (0.6 \cdot 0.5 \cdot 0.4) + (0.6 \cdot 0.5 \cdot 0.6) = 0.38$



$$\binom{10}{5}$$
 · 0.64 · 0,36 + $\binom{10}{6}$ · 0.64 · 0,36 + $\binom{10}{7}$ · 0,64 · 0,36 +

$$\binom{10}{8}$$
 · 0,64 · 0,36 + $\binom{10}{9}$ · 0,64 · 0,36 + 0.64

miro

(3.6)
$$P(A_i) = \frac{\frac{4}{3} \pi q^3}{\frac{4}{3} \pi R^3} = \frac{q^3}{R^3}$$

P(bobuen.) =
$$1 - \frac{9}{R^3}$$

P(n bo buen.) = $\left(1 - \frac{9}{R^3}\right)^n$

$$P(A_i) = P$$

$$P(H \sqcup Y \sqcup H \sqcup Y \sqcup Y) = P(S_{n-e} = m) \cdot P(S_e = \ell) =$$

$$= \binom{m}{n-e} p^m (1-p)^{n-\ell-m} \cdot p^{\ell}$$

$$= \binom{m}{n-e} p^m (1-p)^{n-\ell-m} \cdot p^{\ell}$$

Д3 3

$$\frac{3.8}{4} = \frac{11R^{2} - 2R^{2}}{4}$$

$$\frac{2R}{\sqrt{2}} = \frac{11R^{2} - 2R^{2}}{4}$$

$$\frac{11R^{2} - 4R^{2}}{4} = \frac{11-2}{4}$$

$$\frac{11R^{2} - 4R^{2}}{4} = \frac{11-2}{4}$$

$$\frac{11R^{2} - 2R^{2}}{4} = \frac{11-2}{4}$$

$$\frac{11R^{2} -$$