Homework Exercises 5-10

Bergner Bre-02

18 Korles Walter Cola 6 numbers out of 49 $\frac{C_3^6 \cdot C_3^{43}}{C_6^{49}} = \frac{8!}{\frac{3!3!}{6! \cdot 43!}} = \frac{20 \cdot 12,341}{13,823,216} \approx 0,0177$

B) $\frac{C_6 C_0}{C_49} = \frac{6!.43!}{49!} \text{ Eca,}$

 $\rho = \frac{9}{32} + \frac{12}{32} = \frac{16}{32} = 0.5$ 3 P(AOBOCOD)= 0,54= 10=0,0625

B) P= C3. 0,513. 0,492 = 5121 = 0,513.0,492 = 0,312

1) A = 37930 B= 22120 MATES P(B/A) - 100000

P(A/B) - ?

P(A/B) = P(A/B) = 100.000 32170 20,462

(1) $P(H) = \frac{2}{3} P(H) = \frac{1}{3}$ PH = C34. (3) - 4/3! (3) - 256