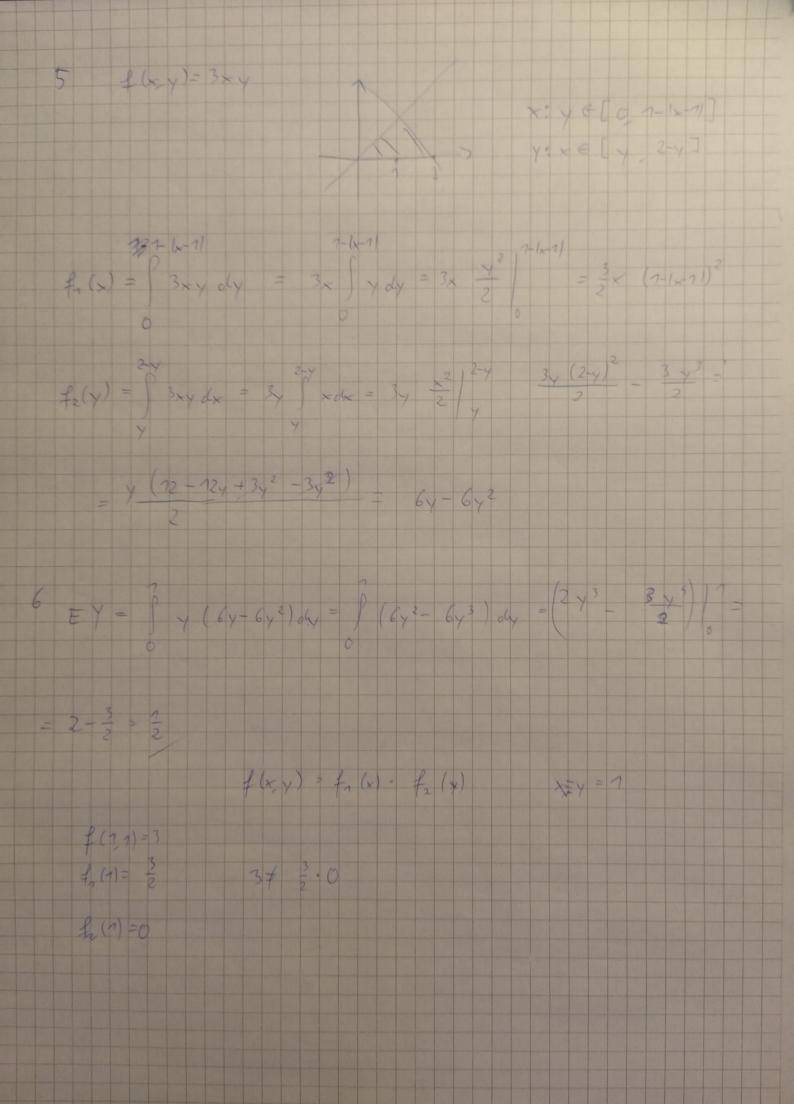
P(AnB) = == P (B) = 1 $\frac{3}{P(2-k)} = \frac{1}{2}P(X=i, Y=k-i) = \frac{1}{2}P(X=i) \cdot P(Y=k-i) = \frac{1}{2}$ = 2 (mg) pi (2-p) ngi (mz) pri (1-p) nz-k+i = 2 (n) (n2) p2 (7-p) mn+n2-12 = = p = (1-p) (n, nz) - 2 = (nx) (nz) (vu chy'ego p (1-p) (nin)- 2 (my + n2) = B (m, + n2 p)

P(2=L) = 2 P(x=i, Y-L-i) = 2 P(X=i) - P(Y=L-i) = = (2,12) = (1) 2/12= = (25-22) 1 = (2) 2/2 $= e^{(2n+22)} \frac{1}{2!} (2n+22)^{\frac{1}{2}} = e^{(2n+22)} (2n+22)^{\frac{1}{2}}$



wyloning n-7 prot aly strano Browdo podobien ctwo tuch oboth mygrayca 2 nostrola Bernuliego P7 = (m-1) p2 (7-p)m Browdopoolohien stoo treating young to two Wige v smie P=(2) p2 (2-p) 2 0p = (2) p3 (1-p)23 $E(x) = \sum_{n=0}^{\infty} n(P(x=n))$ olfa: A BBZZ beta: obreta: eto : hambolo o ksi fi Tho

1(x)= 3 9 21 / 1 [-2 2] Y=IX P(A=P(Y \left) = P(\x| \left) = P(+ \left\ \left\ \right\ \right\ = \frac{7}{5}. \times \right\ = \frac{1}{2}t 母()=(2+)= 1 6) x~U(-1,1) \$(4)=\frac{1}{2} $P(+) = P(Y \le +) = P(X \le \sqrt{+}) = P(X \le \sqrt{+}) = \frac{3}{2}(\sqrt[3]{t} + 1)$ P(x)= [= (2/+1)] = 2 F(+) = P(2 S+) = P(x28+) = P(-V+ S × SV+) = - 1 2 olx = 1 2 2 V+ = N7 F(V)= (17) = 27

P(X=40) = 742 P (X = 50) E(x)=40.742 + 32.742 + 20.742 + 50.742 + 742 E(Y) = 7.90+ 7.32+ 7.20+ 7.50 742