16.06.2021. 1. a) x1+x2+x3+x4+x5=20 (20+4)=(24) 6) y1+ y2+ y3+y4+y5=15 (15+4) = (15) 2. $\binom{m}{0} + 2\binom{n}{1} + \dots + (m+1)\binom{m}{n} = \sum_{i=1}^{n} (i+1)\binom{m}{i} =$ $= \sum_{i} \binom{n}{i} + \sum_{i} \binom{n}{i} = \sum_{i} \binom{n}{i} + \sum_{i} \binom{n}{i} + \sum_{i} \binom{n}{i} + 2^{m} =$ $\frac{1}{100} = 0 + \frac{1}{100} = \frac{1}{100} = \frac{1}{100} = 0 + \frac{1$ 152-2 ma 2, 51-4 ma 4 ,... N(S2) = N(S4) = N(S6) = N(S8) = 3! N(S2S4) = N(S2S6) = ... = 2.2.2.1 = 2! $N(S_2S_4S_6) = 1... = 1$ N(52545658)=1 N=4! N(5253555) = 4! - (4) 3! + (2) . 2! - (4) 1! + (4) an = Cu2 4. au 1 = Au + B Cut- 2C (u2-24+1)+C(xt2-14+4) 1=A+==>A==== = 4c-2c=1=) c== Tay = = 2 u (u+1) = 7 au = Au + B + 2u2