$$\sum_{k=0}^{\infty} \binom{n}{k} a_{k}^{k} b_{k}^{n-k} = \sum_{k=0}^{\infty} \binom{n}{k} a_{k}^{n-k} = \sum_{k=0}^{\infty} \binom{n}{k} a_{k}$$

$$\frac{\binom{\binom{r_{1}}{5}}{\binom{r_{1}}{5}} \cdot \binom{r_{1}}{5}}{\binom{r_{1}}{5}} \cdot \binom{r_{2}}{5}} \cdot \binom{r_{1}}{5}}{\binom{\binom{r_{1}}{5}}{\binom{r_{1}}{5}}} \cdot \binom{r_{1}}{5}}{\binom{\binom{r_{1}}{5}}{\binom{r_{1}}{5}}} \cdot \binom{r_{1}}{5}}{\binom{r_{1}}{5}} \cdot \binom{r_{1}}{5}}{\binom{r_{1}}{5}}{\binom{r_{1}}{5}} \cdot \binom{r_{1}}{5}}{\binom$$

$$|i^{*\circ}(i, k)| = |i^{*\circ}(i, k)| = |i^{$$

 $\binom{n}{n-k} \leq \binom{n}{n}\binom{k}{n-2}$ 1110e 160 No MOD) 6 1 -17 De 1933 E  $\frac{(j-k)!}{(j-k)!} \leq \frac{j!}{(l^{n-j})!} \frac{(l^{n-j-k})!}{(l^{n-j-k})!}$  $\frac{n!}{(j+k)!(n-j-k)!} < \frac{n!}{j!\,k!\,(n-j-k)!}$ באי שניון יתקהו (צישרך אמונית כי י ואונצוק צים (j+k)! ≥ j|k| (j+K)(≥j]K] ("non K,j∈N K, j≥0 [2(1 2138131110) NKC 1 " " >~ K| = 1.K | < (0+K) | > 0|K| : P(0) : 213713 AICU 0.05 (i+k)/5 ilk/ ("DUN K') EW K') >0 C( 127) 181,100 VUD (j+1+K) = (j+1) 1K! 1P(n+1) 1(3 (-;-1-K)(j-K)[=(j-1);jK] معران کو طرمح زیم الحلالوران (j=144) = (j=1) 3.50 C. DUC XZO JUE CICAL (6) 1C. (1-1) 1 (0) 3 9d Je 32ch Contracto 6086 (ale 11.9) - 2107,4,15 José (3) 2416, 626 W Draw JTK & 351 JUST his - line ble 101351 (2512) 15 301 JUST (M) RE 334 - 1.41 BIC (1916) R por (1961) K 2 NI) 194 12 cil 2/1 20ce (20c) 1/2 12, bies 20,06 more 20, 19, (F) UCIN DACGIN J 406C) HIS!) HARISA 5-17 (1.35,K K 1,2,13) N UTI UTS U+K-1 (1.90h) MA در در مردار (۱۰۵۰۱) عمداد د- (۲ (a sor 125 (N+K-1)-> p12m)

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\binom{K}{N \cdot K - 1} = \frac{K!(N \cdot K - 1 - K)!}{(N \cdot K - 1)!} = \frac{K!(N - 1)!}{(N \cdot K - 1)!} = \frac{K!(N -
                        \frac{(n^2K-1)(n^4K-2)}{(n^2)(n^2)}
                        (n+k-1) (n+k-2) -- (n+1)n
                                                                                                  Lyn 2200 6408663 CONES 20016
                                                                                                                                                           (or K1-2
           KEZ OEK <10 pmp 1/k 11/a-b p1, abez 10, (6)
                                                   9=41:2k 10 70 (10 1,) (1/1)
                                                    6 11; LK
         (1915) (1960) , 000 oc 1100 , 000 11 2000)
                                             1-11 (14000 160 JULY 1704) 12-1
                      Q 40, mais joyer 21 c 1-01 199 26000 Ac
                                 (.11, he is see wy, (1/17) See hose
    DIN JOHN 1-6 4066) 1419 3140 BICIN JUGG DECOS)
                                                                                                    water 10/1 11-3 plan
                                                                            ( C) ( 2) 16 (ch 1 (20) Eleo DUC)
 -10, -9-8, -7, -6, 0, 1,2,3,4,5,13 (2) 0000 12 // 1/21
1-8 11-5 Slovy (NIOCE (1)304 SR 1315/3 (, Ni) 18
                                                                  contrapositive -? ever ju pou (6)
                                                             M: EK ("Par 1 51 51 61 216
                                               M + M2+ _ M 5 K
                      N.K-h 2116 1 505 2,35 2 W. 12 W. 2K B
                                         W1+W0 = = MU < V-K /: U
                                      10.4
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(1) i+2 (1) fuglisce (1) 5-11, 1+1, 1) 151 58 200 W. > 19 - 13, 10 >16 -0 m/2 >16 -0 m/2 >2 M1 + M2 + M10 > 160 -c NOU 27374 (256 3-5 (10) 6200 10-4 2004 C 3. Zi = M1+M2+ +M10 3. 11.10 = 165 7160 102