1. CJELINA tymi rakaka - Iskori da su skupori ikongotinbri - nati bizikciju 7. PMI 2006. 2.1 Dethatis de un 2 denne Amyritantes Drac alwings - Mollongian - Myndergen of as lin internol [a, a) i ic, d) 9. str. prum 2 trebo nosi del proma a) 9. str , prin 2 2) Oshin da (-7, 1) i R elimpotentin. Irelia provin funkcjim. thx Ne trebo dokovinoti podravnomijeno se da je lijekcijo 4 [4.02] 280,4 nepreknojini Robini da je skup provinodnih knojera. Ne morimo konisti gatore kunh

D: 2, 5, 8, 11 ... prin dydynin 2 3 K 100, 100, 102 ... predikano 2 u 100, 3 u 707 provi Element ve provog mon a pori element Ingog man, f: Dmx  $f(n) = 100 + \frac{n-2}{3}$ 

2. RELACIJE
- Solavi da je nesto reloigo lkmi ralenege PM1 2006  $X = A \times A = \{(0,0), (0,1), \dots (7,0), \dots\}$ A = {0,7,2,3} (a, b) } (c,d) a+6= C+d (2,2) 9 (1,3) 2+2= 7+3 EKVIVALENCIJA - JOKANA: (x, y) 3 (x, y) ×+4 = ×+4 2. SIMETRIENOST (×1, 41) & (×2, 1/2) => (×2, 1/2) S(x3, 1/2) x, +1, = x 2 +1/2 => x2+1/2 = x1+1/1 W 3. TRANZITIVNUST

 $(x_1, y_1)$   $\S$   $(x_2, y_2)$   $\Rightarrow$   $(x_4, y_4)$   $\S$   $(x_3, y_4)$   $\Rightarrow$   $(x_3, y_4)$   $\S$   $(x_1, y_4)$   $x_3 + y_3 = x_3 + y_2$   $\Rightarrow$   $x_4 + y_3 = x_3 + y_3$  $\Rightarrow$   $x_1 + y_2 = x_3 + y_3$   $\Rightarrow$  "PROVJERI je li relsigs chrisvolenige"=> ne mna lin religio der "DOKAZI je li relativo ehr..."
=> uglarro jest relacio

e) [(2,2)]= {(2,2), (2,3), (3,7)}

m element a normeda, ne valiorante

c) Koliko elemenato imo KNOCUENTNI GKUPE

[(1,2)] [2,3]

1 × /5) = 97

[(0.1]]

0500

## 3. KOMBINATORIKA

5.DZ 2AD. 12

No lift with a lynd 5 bebone.
Na holist noun myn von beha inside.

" BAREM 7 0508A"

0

Rowers synoths

A: = { no i-bm both mith night irrison? u i-th y so mith night probables

15,0 5,0 5,0 Fo DA, 1=? FUI

, 0,

= X - Z [4: ] + Z [A: ] - Z [A: DA; DA4] + Z [A: DA; DAN] + Z [ A: DA; DAN DANDAN]

=

5555555555 = 5 VARUACUE SA PONANUAMIDA

na habba-nation more para orden inche
OPREZ! - Robje ne gledati per
pabrism , mye 85 !

MANJI BRO)

unijek ze fihunoju clementi iz poloznog skupo



5.DZ ZAD. 6 70 valuks 20 kmisks na 6 docue the do make digite doligie braven skrinish

KRVŠKE ne iste , LIVOI, **D**ECA mon isti!
(re northbyggens)
(k

makem dysteller dame fruiter admish order of delim

kombuninge son soverlyandem

(74 +6-7) . (20+6-7)

74 pater morone addrest restor

FUNE CISE 12VODNICE

5.02 240.20

$$a_{n-2} = \frac{2n+3}{n^{2}+3n+2}$$
 $f(x) > \frac{2}{n} = \frac{n}{n^{2}+3n+2}$ 
 $f(x) > \frac{2}{n} = \frac{n}{n^{2}} = \frac{4}{n+2} = \frac{7}{n+2} = \frac$ 

$$-\int \frac{-x-1+\eta}{2-x} dx = \int \frac{2-x}{2-x} dx + \int \frac{2}{2-x} dx$$

$$= -x + \ln \left(2-x\right)$$

Sx dx

$$\sum_{n=0}^{\frac{N}{2}} \frac{x^{n+2}}{n+2} = -x + \ln|\gamma-x| / |x|^{\frac{N}{2}}$$

$$\sum_{n=0}^{\frac{N}{2}} \frac{x^{n+1}}{n+1} = \frac{-x + \ln|\gamma-x|}{x^{\frac{N}{2}}}$$

NA KOMBINATORIKU PRIMIENA EUNKCIJA IZVODNICE 2006. (malo promijensin) PMI

7. Airek (irrigh)

7. Airek (irrigh)

9. ne melytere inste, neglenshed, moramor mynomik (irright)

 $\times_1 \times_2 + \times_3 + \times_4 + \times_5 = 67$ had bi pisals  $\times \in \mathbb{N}_0$  with mile orde in the size = 60

2. NAOIN

2. kurok - namsetim da me nanigable krein

×1= 11+1 ×1 =×1-1

> x== Y2+1 42= x, -1 ×3- 73+74

> 73 = ×3 - 14 ×4 = ×4 - 0

( yy +1) + ( y2 +1) + ( y3 +74) + ( y4 +7) + ( y5 +7) - 67 y1 + y2 + y3 + y4 + y5 = 43

3. honok (43 +5-1) Y & No.
43 2ni y kreen gd
homburacije en junartjanjen

(x 7 + x 2 + x 3 + ...) 4 (x 74 + x 75 + x 76 + ...) x 3 krece ed 74 = x4 (x°+x7+x3+...) x74(1+x7+x2+...) ne tollow lite ognoming so.
Stone show as 69
oden show restallow size do golden some solide sugarie on golden. = x18 (1-x)5 = x18 (1-x1-5 (7+x) = = (2) x l  $(7-x)^{d} = \sum_{k=0}^{\infty} (-7)^{k} \begin{pmatrix} d \\ k \end{pmatrix} \times k$ 

2. NAČIN /x1,x2, ×4,x5 imigin istu

 $= \mathbf{X}^{\frac{1}{2}} \begin{bmatrix} 7 - \binom{-5}{1} \times^7 + \binom{-5}{2} \times^2 - \binom{-5}{3} \times^3 + \dots \end{bmatrix}$ 

x 78. x 43 = x 67

linoj uz x 43;

 $-\binom{-5}{43} \approx -1 \begin{pmatrix} 3 & 5+43 & -1 \\ 43 & 43 \end{pmatrix}$ 



2. 8 referred.
10 restricted.
12 constricted.
13 testing dayon confusion normalision.

dwine