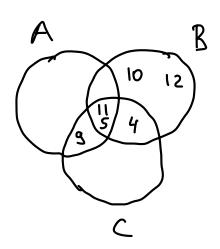
NOY

$$A = \{5, 9, 11\}$$
 $B = \{4, 5, 10, 11, 12\}$
 $C = \{4, 5, 9, 11\}$



- a) ACC npabga
- 8) Bnc = {4,5,11} + \$ tenpasga
- 6) |C| = 4 |B| = 5 |A| = 3
- 2) $|2^{B}| = 2^{|B|} = 2^{5} = 32 \neq 16$ then pals ga
 - g) |AUB|= | {4,5,9,10,11,12}|=6 upaloa
- e) AAB = (AUB) \ (ANB) = {9,4,10,11,12} Henpalga
- m) |A × C| = |A|. |C| = 3-4=12 hpælga

Momno Show hpobe path pabeticiba pucya Mpyru Firepa

→ x ∈ (A ∩ B) U C Torga

MGO XE AMB MGO XEC

11

REAUXEB MSO DEC

xe AUC 4 xeBUC

3 Harri x E (A UC) M (B UC)

(A NB)UC = (AUC) n (BUC)

← OSpat twoe Ble No rethre

 $y \in (AVC) \cap (BVC)$ Torga $y \in AVC$ u $y \in BVC$ $z \in AVC$ Torga $y \in (ANB) \cup C$ Echu y & C Torga of gornet South & AUC & BUC to the BC T. e. OH B ANB.

Buxogui, 200 y e (ANB) UC

ller gokazam vio = B 4 B = Â, 3 Harus A=B. Bepto

llombre Etro cipouts vouvre cure paccympetue no grenetite unomecté

$$\beta) \quad \chi_{A}(x) = \begin{cases} 1, & x \in A \\ 0, & x \notin A \end{cases}$$

$$A = \{2,3\}$$
 $\chi_{A}(3) = 1$ $\chi_{A}(42) = 0$

$$\chi_{A \cap B}(x) = \chi_{A}(x) \cdot \chi_{B}(x)$$

$$\chi_{\bar{A}}(x) = 1 - \chi_{A}(x)$$

npocto ugukatop hpuka gre mkoct u The west Ta uteo me ct by $\mathcal{X}_{AUB}(x) = \mathcal{X}_{A}(x) + \mathcal{X}_{B}(x) - \mathcal{X}_{ANB}(x)$

$$\chi_{A\setminus B}(x) = \chi_{A}(x) - \chi_{A}(x) \cdot \chi_{B}(x)$$

Pasota c xapaktepucture church opythkyulun 3 mo mo me calloe, rou norure church Paccy mgetur uz hpownoro nythita => womno npobeprto repez tux

$$\chi_{(AVB)\setminus c} = \chi_{(AVB)} - \chi_{AVB}, \chi_c = 222$$

$$\chi_{(A \setminus C) \cup B} = \chi_{A \setminus C} + \chi_B - \chi_{(A \setminus C) \cap B} =$$

=
$$\chi_A - \chi_A \cdot \chi_c + \chi_B - (\chi_A - \chi_A \cdot \chi_c) \cdot \chi_B =$$

Jacupenn Bce choosin, sap. pyringen paymon => pabeticiso he sensontero.

2) (ANB) (C = (A C) NB

$$\chi_{(A \cap B)}$$
 (C = (A C) NB

 $\chi_{(A \cap B)}$ (C = $\chi_{A \cap B}$ - $\chi_{A \cap B}$ - $\chi_{A \cap B}$ - $\chi_{A \setminus B}$ -

No3

C-ecto pasota C*-ket pasoton

BNC*- zamohrun marnitpatypy (Sezpasothum

AU (BNC*) - mso ciapune 25 mso Sezpaso.

uamcip

Ombet: 5)

NOH

L, R - yrunkanbride
urgekch
b paukax
kangon uz
Tas Muy

INNER SOIN

[LNR] - en regter cit

N°5

a) NULL OR FALSE

TRUE

FALSE

= TRVE

= FALSE

henry Stite Ogrozkartener => NULL

8) NULL AND FALSE TRUE = FALSE FALSE = FALSE Πρη Λιοδού hogitation le ombet ogut => FALSE B) NULL AND TRUE = TRUE = FALSE => NULL TRUE FALSE 2) NULL OR TRUE = TRUE => TRUE TRUE FALSE - TRUE Ombet: 8), 2) Nº 6 305 KM 255 abut 6 NOT $|L_{x} \times R_{x}| = 10 \cdot 20 = 200$

YOIN Syget apouts genaprobo hoursege-

NOS NOS Shro $\mathbb{Z} \sim \mathbb{N}$ Ha re kyun N'~ N Q~Z×N~N2~N RXN S = { 01 1001 } S+N, [4;15)~[7;15]~[0;1]~R~N res mo colvaro momko vez uzue ketur wo mo c mat 6 $x' = \frac{x - x_{mih}}{x_{max} - x_{mih}}$ ew with cty 6 rekujun goodbuth on. arctg a [0;1] x [0;1] ~ [0;1] est 6 peulleur motorka C[0;1] - MH-BO OPYHKYMI tehp. Ka [0;1] ~ [0,1] ett & rekyun (0;+00)~ (1;+00)~ (0;1)~ [0;1] x+1 goodbyry XH X

369 An.

2 ~ S~R Show Ha rekyun MH-bo reprograches oposet cretto (cr. mens cap. 16) UTO20:

repeogur. gpoon

[7; 15) $[0', 0] \times [0', 0]$ C (0; 1) (0;+00)

NO 10

Cu. cupuH