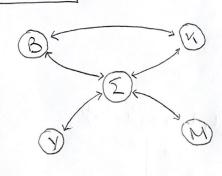
Tra O Embusina Eblazia

Alifanles Bupaniano

03112163

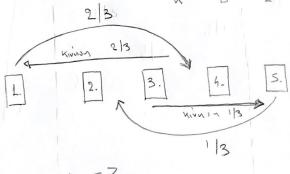
## -Asunon 4

## Asmon S



Arunof 6

8 ESEID :



(101) 
$$P = \begin{bmatrix} 113 & 0 & 213 & 0 & 0 \\ 213 & 113 & 0 & 0 & 0 \\ 0 & 213 & 0 & 113 & 0 \\ 0 & 0 & 0 & 213 & 1/3 \\ 0 & 0 & 113 & 0 & 2/3 \\ 0 & 0 & 0 & 2/3 \\ 0 &$$

Lie sur Uttilsan, ansoi) son varianting act antigaget son nivara ptrabaser. O ocotagricos nivaras ptrabaren P anodarroa uai zur vinapter parusbiarins aprisisas ans es Dementa ENERHAS · veregonalon

E or  $\omega$  o times una sta or  $\omega$   $X = \{0,1,2,3,4,5\}$ one  $0 \rightarrow \phi$   $1 \rightarrow 6$   $2 \rightarrow 666$   $3 \rightarrow 666$   $4 \rightarrow 666$   $5 \rightarrow 6666$   $5 \rightarrow 6666$ 

Tote étable son osa kassina Minand la trapa e ens:

ofoiws 
$$0$$
 =  $0$ 

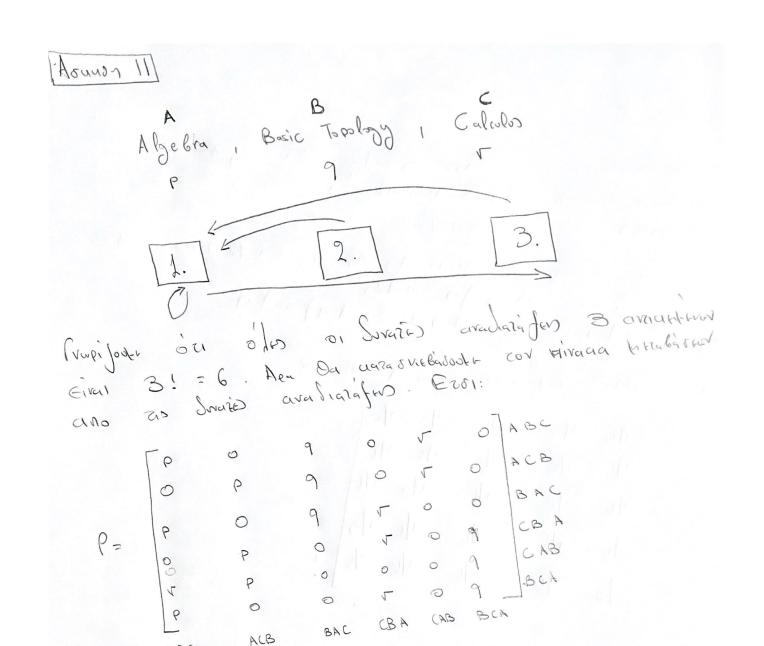
## Arunon 8

Necentary cos cons Standary Norogondon Cos Seiforte osi NEXISMAN Eiren Mapragaran Mapragaran Cos sono 20 Seiforte osi

- Pra sur Ejobon 200 virum fiscopions Da Monsiforminto son Diosusa son véafra magalo Fiscopion of Comodim formation Junagim

Apa étatt mojaszina Mivaga hitalassen

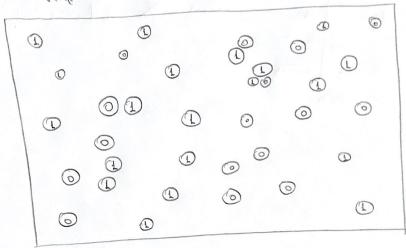
Mc X= 20,1,2,3,43 = (X=1N mod S)



M. X = { ABC, ACB, BAC, CBA, CAB, BCA}

ABC

## Morrisho Siapour Ehrenfest



Erro o'zi ra sostarista to 1 Eivai res Part A dai Ar O Eirai 000 Part B. It ualt birta affajot tra roxaio superilo ano 0 -> 1 à 1 -> 0. Tole O Viranos Pesse Garen son Usingoos son sontasignes as

$$\frac{1}{N^{2}}$$
  $\frac{1}{N^{2}}$   $\frac{1}{N^{2}}$ 

Asanon13

1/2 1/2 0 0 0 0 Xwpo) warasia sew

1/2 0 1/2 0 0 1/2 xr

1/2 0 0 1/2 xr

4 4 4 1/5 1/5

14 Asunon