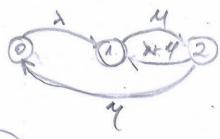
PLOBERM 21.1

21.1.A

Stortes

IN THE SYSTEM.



21.1.3

$$T_0 \frac{1}{2} = T_2$$

21.1.€

$$det (\lambda I - Q) = det (\frac{\lambda + 1}{2} + \frac{1}{2})$$

$$(\lambda + \frac{1}{2}) \left(\frac{\lambda + \frac{1}{2}}{2} + \frac{1}{2} + \frac$$

$$7 - \frac{11}{19} e^{\frac{38}{215}} + \frac{39}{28} e^{\frac{11}{15}} dt$$

$$= -\frac{11}{16} \frac{25}{76} + \frac{39}{18} \frac{25}{21}$$

$$= -\frac{275}{2184} + \frac{975}{616} = \frac{625}{429} \Rightarrow \frac{146}{1/2}$$

$$= \frac{1.46}{1/2} = \frac{2.92}{1/2}$$

Becase There are 2 concatuated servers and they don't collar neither a Markovia dist nor a Determent to

N= AT => N= = 282 = 146

PROBLEM 21.2

21.2 A)

No Because both aveves should be as , and if we have 1 ul size & we have loses.

0: empty

1: SI busy five empty @

3: SL 6054

RAPHEN 21.3

(21.3.A)

Yes Because BOTH averse ore 00

21.3B

