crestron 7 AS Ft reaches O 655  $(1-\frac{f}{60})^2$  fo 04 f 4 60  $(7 - 0)^2$ - 87025 L iten inicially 90 cooler = when f=0 14 of 87025 95 21756.25 21766.25 = 25(1-f)870.25 = (1-5) 29.5 = 7-628.5 = -6 =-€ -1710=6

Jeon<sup>1</sup> After MIO seconds the cooler was 1/4 Full. 000 1 Y4 of Goderis 21756.25L if took 1710 sect to drain 3/4 f Cooler draining at rate of 12:722953222 Per second 21756.25 1710 probably of matching socks. 1 socks left for dra one matching has been Jaleen out 3 leaves 6 deferent \$ 1 to match Socle 30 Probability is

76 Socks left only see the will match ongenel Sock, So \$ one not method Pres probability of \$\frac{1}{6} to not get matching sockes for Citter first or second Soch drawn 1 \* 1/2 probability first 3 socks