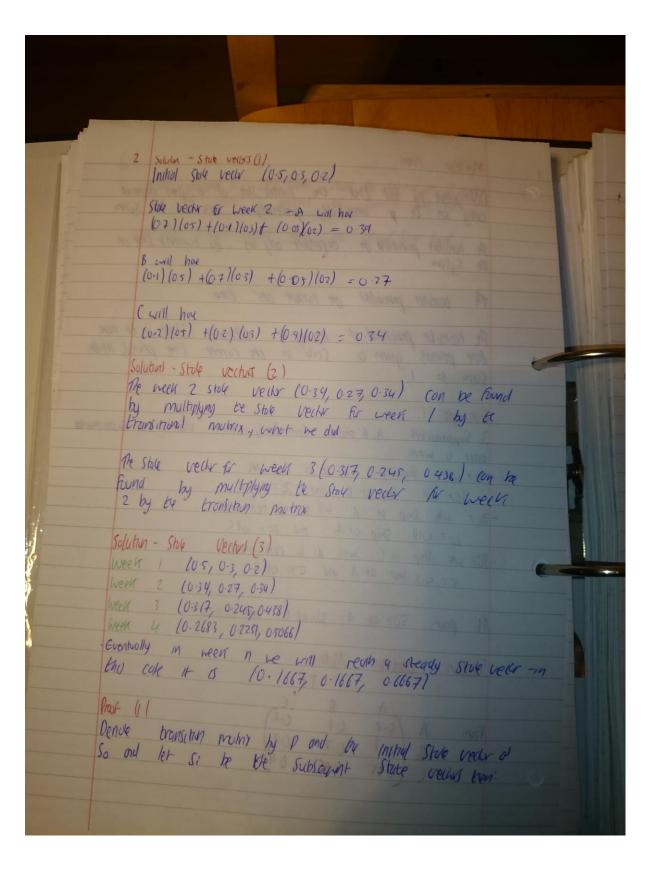
THE REPORT OF THE PARTY OF THE	
Ostinguited by faut that the current state of a system departs on the promodiately preceding state of the system. The honsolan probability on dependent only on the current state of the system.	wolder
The bansion probability are consist are line	pl .
The transition probability of moving to alternation states in the number of states in the current time period, must sum to 1.	
Example 1. 3 Supermothers A, B and C. Each femily in bown VISITY one supermother once a week.	16
-70 x w/o Stop in A will do so next wark lox will stop at B and 20 x at C. -70 x w/o stop in B will do so rext week.	fin
WY. WIN Shop at A and zo y. at C. -901. Who Shop in (will do so next meth. 5 y. will shop at A and Cy. at B	
At prosect, 50% of A 30% of B only 20% of C Solution - Garbitan Moths	
From A (0.7 (1.1 (0.2)	
B (0.1 0.7 0.2)	
	· ousing



	3	
	S, = 50 P	
01	S2 = S1	
	53 = 52 P 1 100 100 100 100 100 100 100 100 100	produc
	$S_n = S_{n-1}$	4
	From above we get:	Coord
	$S_2 = S_0 P(p) = S_0 p^2$	
	$S_3 = S_0 P^2(P) = S_0 P^n$ $S_n = S_0 P^{n-1}(P) = S_0 P^n$	
-	3n - 30r (r) = 30r (r)	
2	A marker proced will reach its sleady state eventually	1
-	regardless of the initial State	1
	In other words it is "nemoryteis"	16
	I to pane ge	
10000	Exomple 2	
	If it rains today, it will rain tomerce with probability 07.	
-	If it doesn't ron it will vain tomorow with probability ou	FW .
1000	Franklin milah x-1-1-13-01 x 8.9	
200	lot no one and I = No rain	
	The long ton the cult view of the real proof the	
	0 (0.7 0.3)	
	1 0.4 0.6 / 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
THE REAL PROPERTY.	Colculate proof then pu to get probability	
	pu 10.5744 0.4281)	
	Rain in 4 days time Calculate p2 and teen p4 to get probability pu = (0.5749 0.4251) 0.5668 0:4332	
	Run in fow doy = 0.5749	
THE REAL PROPERTY.		FWE TO WE

