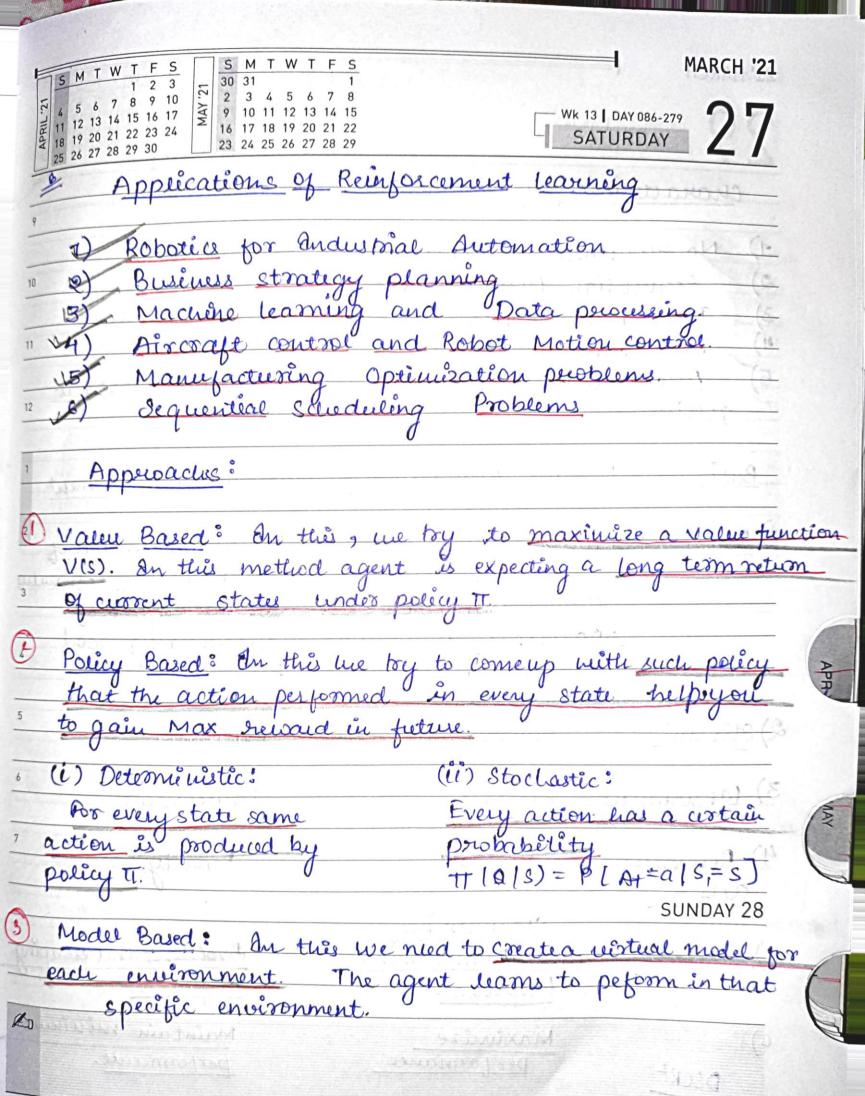
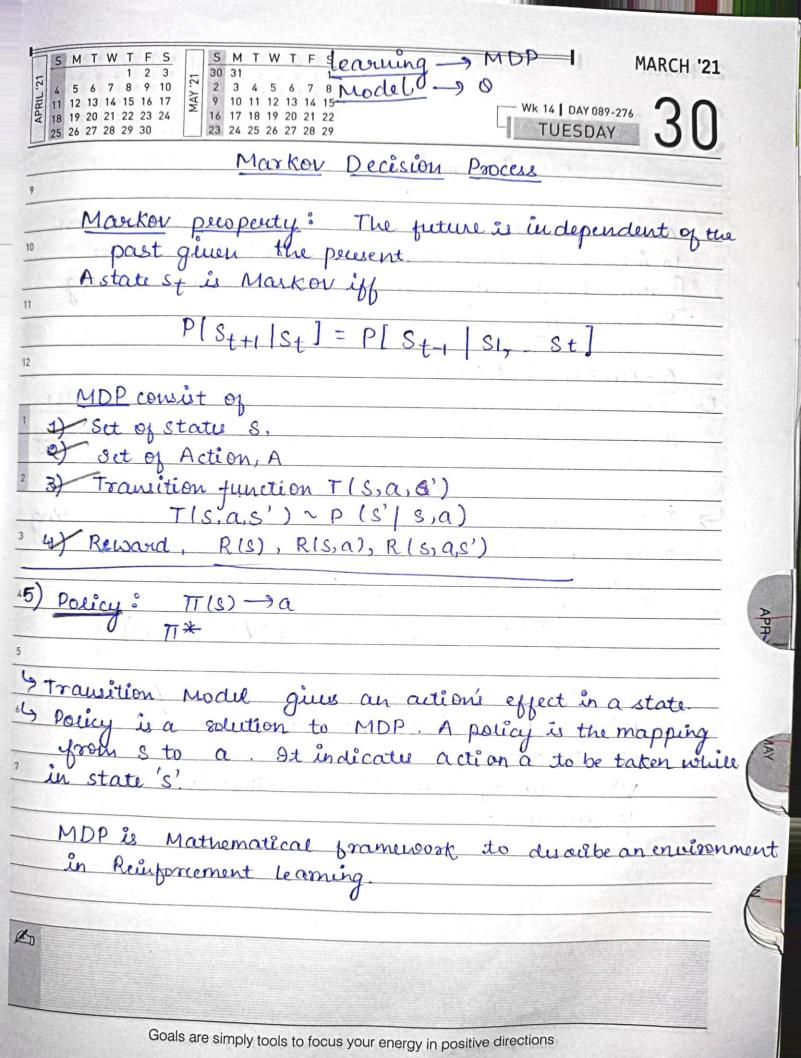


Charanto	sistics of RL	D. D. Wilder	
9			
1) No sup	omisor (Reward sig	gnal)	
(Q) Seque	utial Decision Mak	ling	9
3) Time	plays crucial Role		
14) Reed	back is delayed	, (11000
5) Ageid	L'actions determine	the subsequent data.	ût
12 receives.		<u> </u>	1
- Time - Li			0.44
Basie	Positive Reinforcement	Megatine Reinforceme	ut
		U U	
1) Def.	Process of entroducing	Perocus of removal	01
ing the way	a stemmen, to increase		
3	the perobability of		ž.
S	noccurence of pattern	r encouraging good	1
4000	or beliaviour.	encouraging good behaviour.	
<u> </u>		9.0	\. 6
2) Stimuli	Added	Removed.	
3) M.	Ollowing in		1
3) Parsequene	u Plesant	Unpleasant	
4) 000000000000000000000000000000000000	2-1-1-0		7)
4) Reinforcer acts as	Reward	Penatty.	1
3	Strangething	U	
5) Result in	and Maintaining	Armo 10	0
DATA	Responses.	Avoiding and esca	iping
1 10		responses	
6) Causback	Maximire	Maintain minin	um
DSCRI	bestomance	performance.	



Terminalogies:
1) Agent: It is an assumed entity Which performe actions in an envit. to gain some reward.
actions in an envit. la gain some reward.
(12) Environment (e): A scenario that an agent has to
pace.
3) Reward (R): An immediate return given to an agent
Reward (R): An immediate return given to an agent When they perform specific task.
24) State (s): Corrent situation returned by environment
next action based on current state. (1(8)-79
6) Value(V): It is expected long-term return with 5 discount as compared to short from reisard.
5 discourt as compared to short hom reisard.
that is a total amount of resonn It is an agent
that is a total amount of reward. It is an agent which should be expected beginning from the state.
8) O-Value/Action Value: Où quite sinister to value.
9st takes additional parameters as a current action.



A .	0
Q-100	ouring

A value bried method of supplying information to inform which action an agent should take [Value bried algorithm update value for using Beilmanegn]

Q-function: O(s,a)

Its value is the maximum discounted cumulative reward actived by starting from state sappeying action a as first action.

action a from states, plus the value of a following optimal policy thereafter.

O(s,a) = 8(s,a) + y V* (8(s,a))

TIX (s) = arg max (D (s,a)

11*(s), optimal action in state s.

r(s, a), reward

V* Value of immediate successor state
y discount.

5

