

-> Efficiency => $\int = G_1 \times e^{-2G_1}$ no of stations who want to tramit the data.

· Slotted Ploha ->

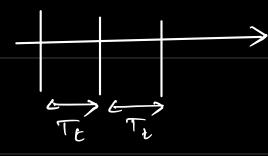
· Any time Tx.

 $v_T = 2xT_t$

· y = G xe-267

-> 18·49.

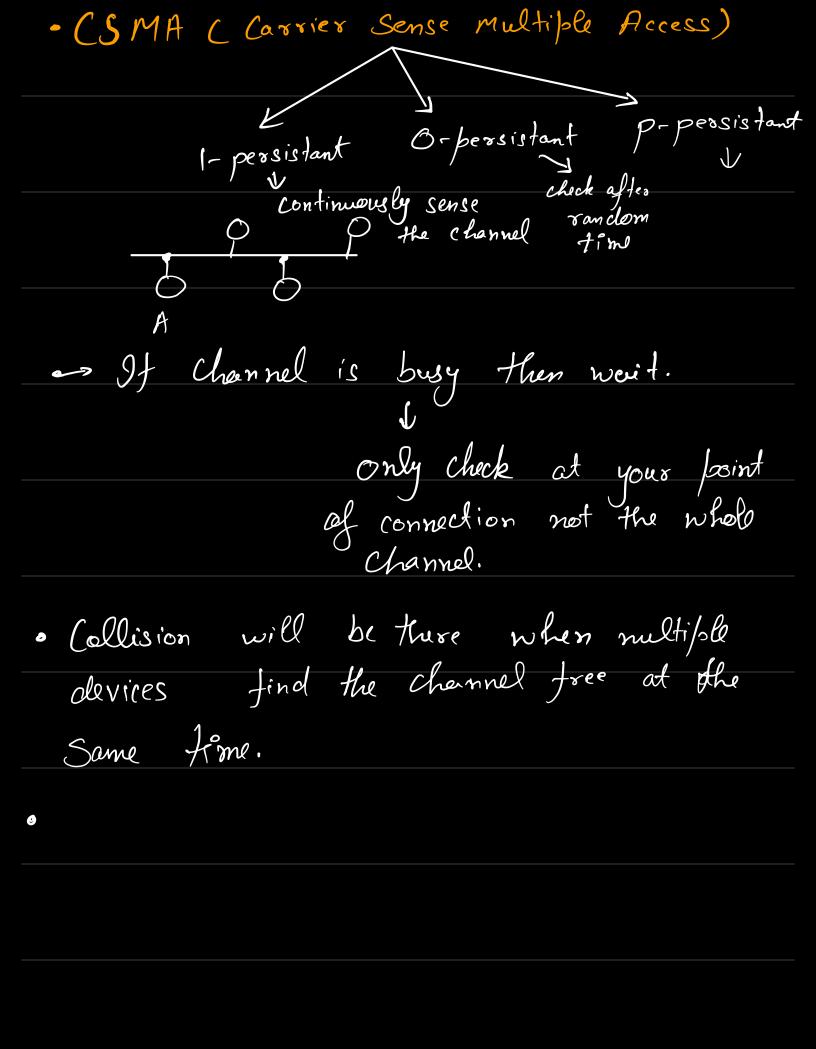
'Slotted Aloha'



- · Any Tx. will start at the beginning of the slot.
- · Collision is possible if multiple stations transmit at the start of slot

• V_T = T_t

· y = G1 Xe-G1



· CSMA/CD (Collsion detection)

- No Ack.

- No Ack.

- No Ack.

If cluxing Tx. you get the collision Signal then you get to know that your Signal has collided.

TT >> 2 * PD

•	<u>C</u> SMA) CA	((Collision	n Hve	piclance;)
	Nat	in S	Rock	ou I			
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B.w = 100 Mb/s L= 1250 bytes 0 = 1 Km find Signal speed in a CSMA/ (D) network TT> 2*PD 1250 X 8 100 X 106