*Interference Management
1) 3 packets 1
- Ap 2 nulls p2 and p3 to C1 Ap
- align P3 with p, atcz (2)
2) 5 packets:
Meya Mimo: 5-antenna AP => 5 packets
*RF-Based Localization
1) yes, He is right.
1 = = = 11m. Since the channel is ~ e 1, this implie
ambiguity of 11 meters lie channel rotates by 211 every
A = C = 11 m. Since the channel is ~ e , this implied ambiguity of 11 meters (i.e. channel votates by 211 every) Howevers [-EstE] is 4 meters wick which is smaller than 11 meters.
2)
-) Antenna array provides only the direction. Hence, a single
2) Antenna array provides only the direction. Hence, a single antenna array will not help in localization
3) At each receive antenna, we obtain two distance measurns. Two receive antennas implies four possible locations.
I wo receive antennus emplies four possible locations.

* Full-Duplex

or. T

b-T

c.T

- * packet Pair
- 1. packets are spaced out by the bottleneck link of lpkt therefore, Q=1
 - 2. hottleneck link is shared among 10 flows. Therefore, Q=1
 - 3. He is wrong because the memory is sinite and shared between all flows. => might have starvation

Congention Control.

- 2. increuse fairness in each region, same fairness along fairness Line
- 3. yes, it converges hecouse increases fairness in each case.