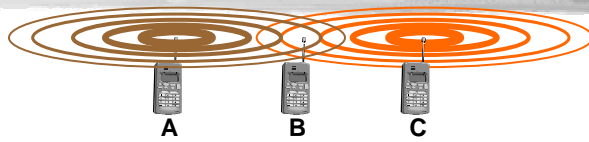


Homework #1: Hidden Terminal (due Monday, February 12)



- Simulate scenario with 3 nodes (A, B, and C), where A is hidden to C (or vice versa). Nodes A and C send high rate CBR/UDP packets to node B. Nodes A and C do not use RTS/CTS (note `RTSThreshold` in `ex6sta.tcl`). Show the throughput diagram for two traffic streams.
- Repeat the same scenario with using RTS/CTS.
- Simulate a multihop scenario using AODV as a routing protocol and show the throughput versus number of hops. (See the scenario detail in the next slide.)

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Scenario Files

- Standard scenario
 - 50 nodes, 300x1500m network area, simulation time of 900 seconds
 - TwoRayGround, 802.11, AODV
 - 30 CBR sources, four 256-byte packets/second
 - Maximum node speed 5m/s, pause time of 20 seconds
- Mobility generator: `setdest`
- Traffic generator: `cbrgen`

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