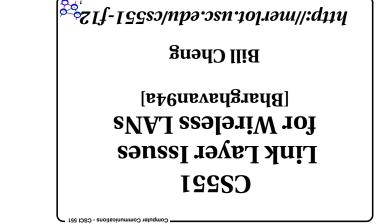
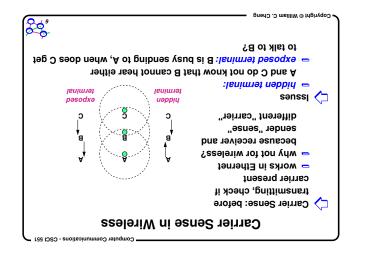


Radio Propagation







æ,

Time since start (in hours)

[data from Jerry Zhao, ISI, 2002]

connectivity from one not

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time-varying effects

Reality is much worse Multi-path fading

approximation

,ləbom əlqmiz boog 😑

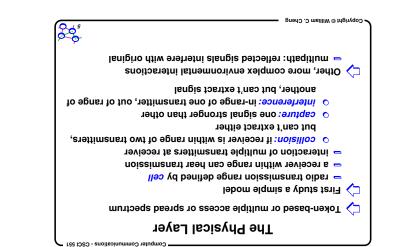
r -3 or r -1 (near or far) – issues: collisions,

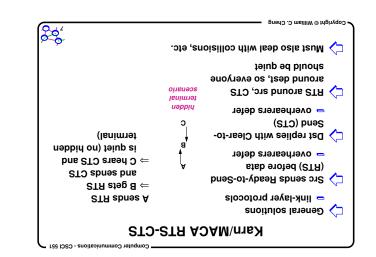
- propagation can be

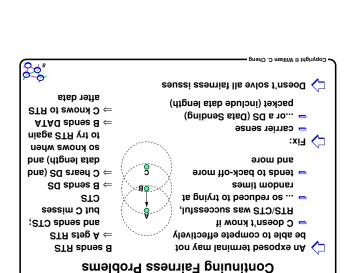
əgnar xi bəxii :ləbom əlqmiS 📿

capture, interference

nt only an







**Adding Link-level ACKs** 

**STS sbnsss** 

⇒ if no ACK, A

⇒ B sends ACK

ATAG sbn9s A ⇐

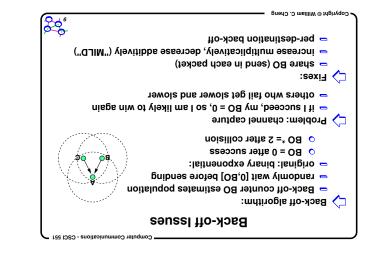
⇒ B gets RTS

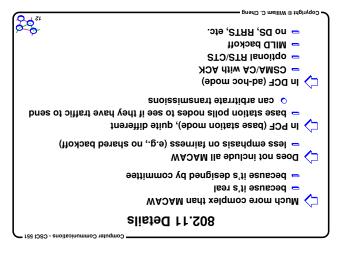
**STR sbnss A** 

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**STO sbnss bns** 





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ATAG

11.208 ni bəsu ozla zi dəsorqqa zirt 🗸

RTS, receiver sends ACK instead of CTS

retransmission

to XDA level ACK of

Iost ACK => sender retx

<= XOA on <= ATAG feel =>

Sinemugas bne-ot-bne 🗕

= noise or collisions

əldiszoq zəszol zzələlə 🏹

