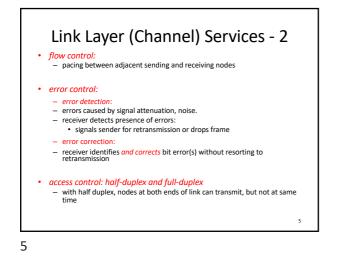
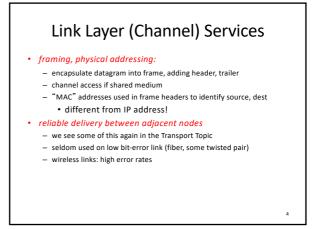


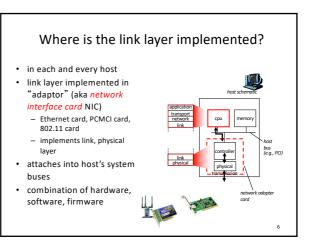
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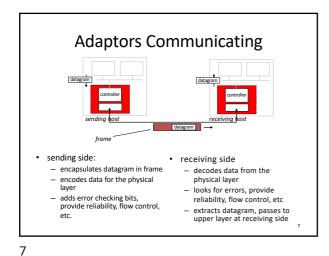
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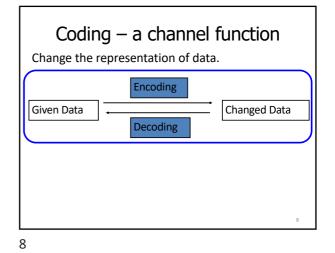
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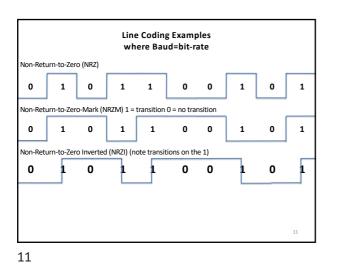
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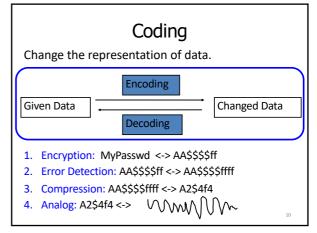
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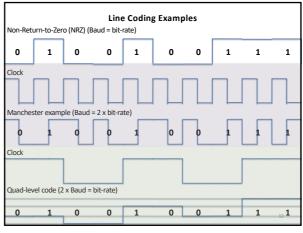
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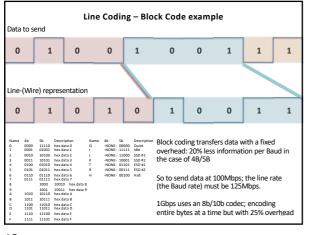


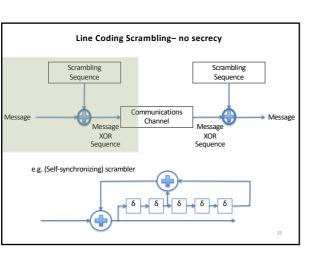


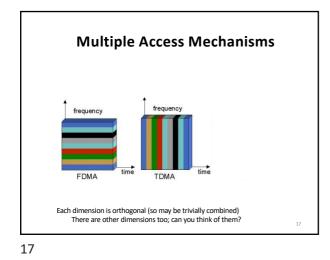


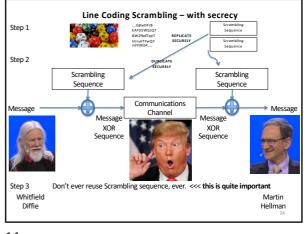


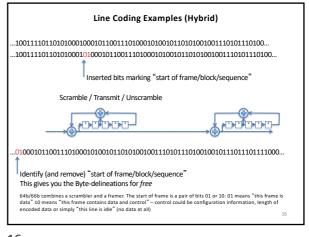




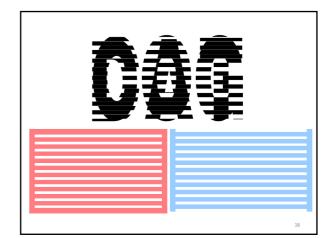


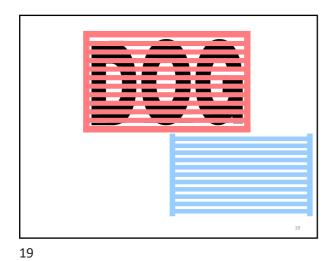


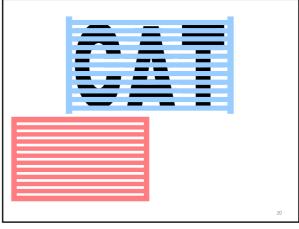


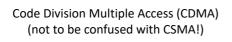






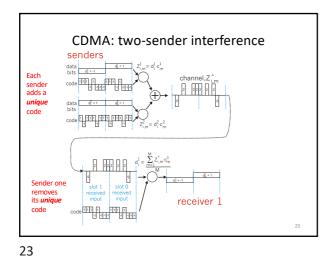


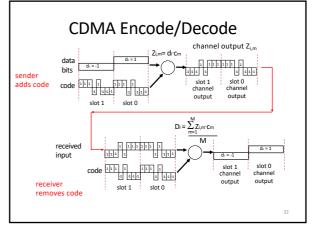


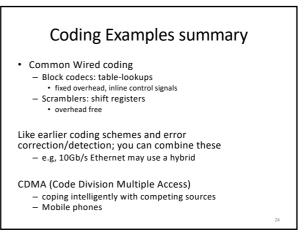


- used in several wireless broadcast channels (cellular, satellite, etc) standards
- unique "code" assigned to each user; i.e., code set partitioning
- all users share same frequency, but each user has own chipping sequence (i.e., code) to encode data
- encoded signal = (original data) XOR (chipping sequence)
- decoding: inner-product of encoded signal and chipping sequence
- allows multiple users to "coexist" and transmit simultaneously with minimal interference (if codes are "orthogonal")

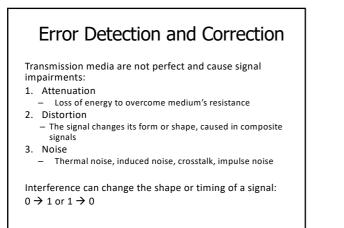
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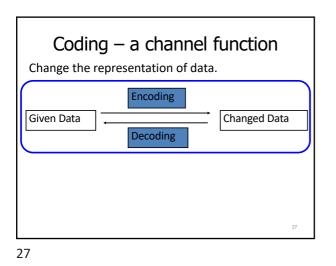


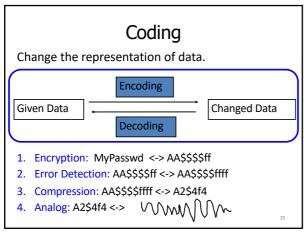


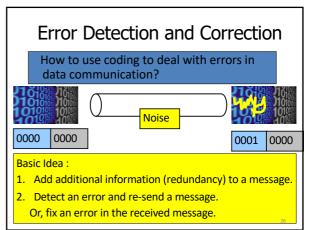


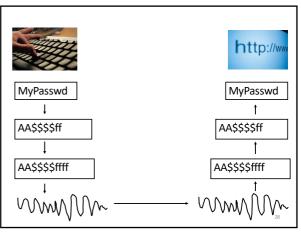


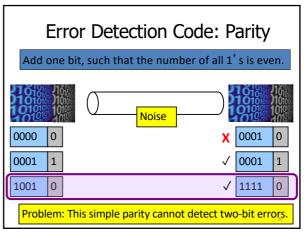


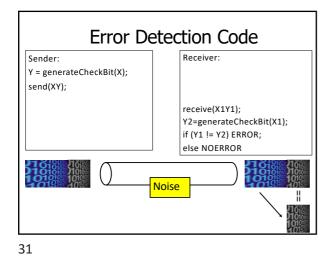


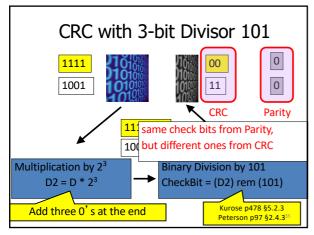


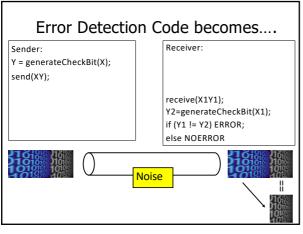




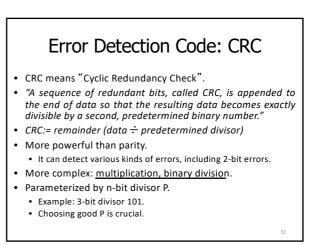


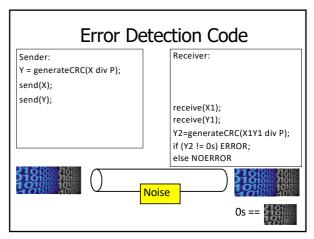


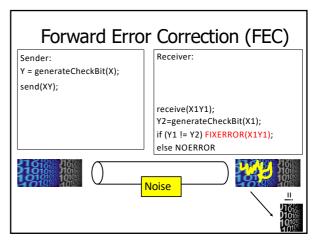


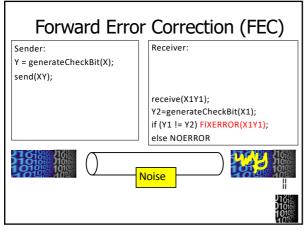


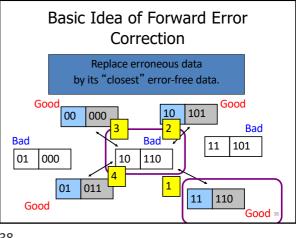


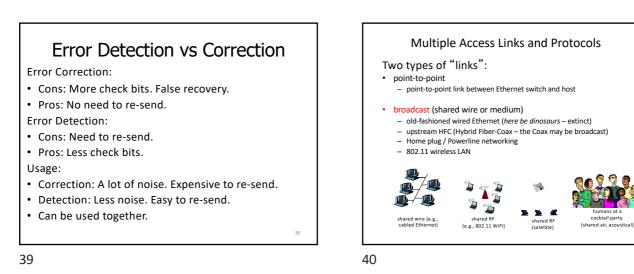


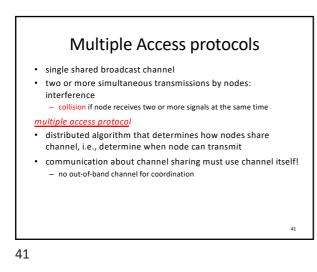


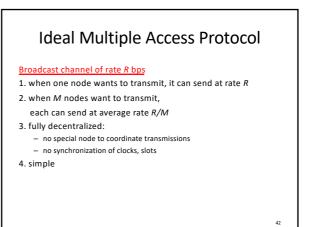


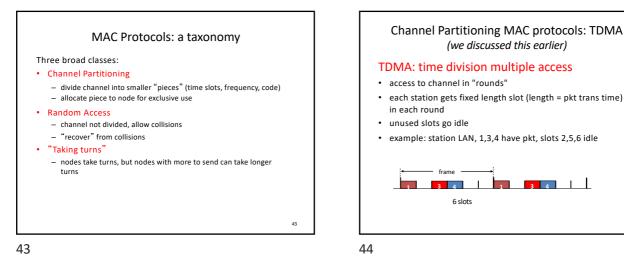


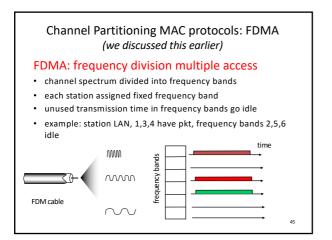


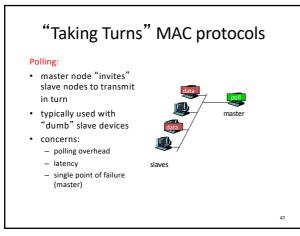




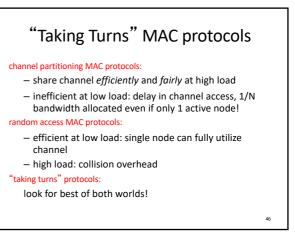




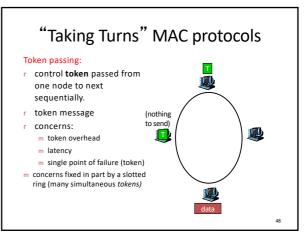


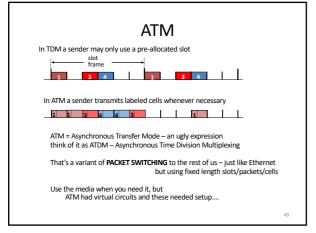


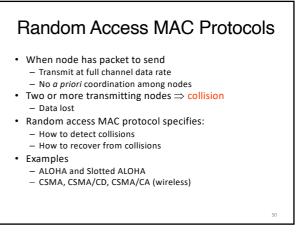


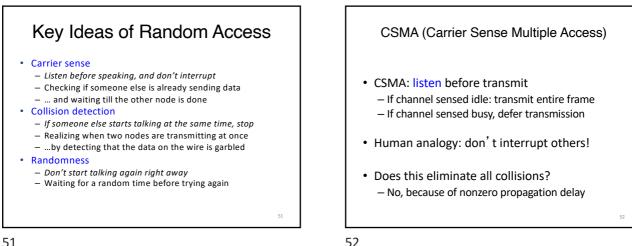


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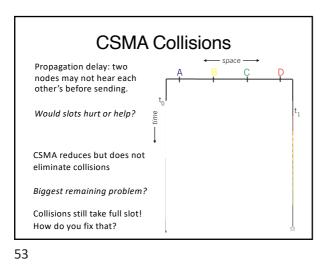


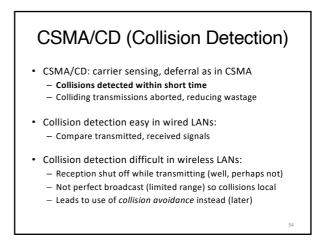


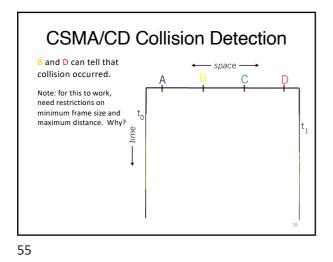


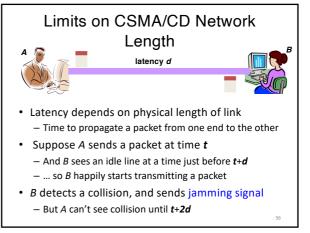


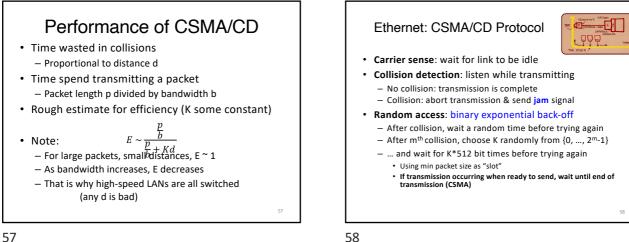


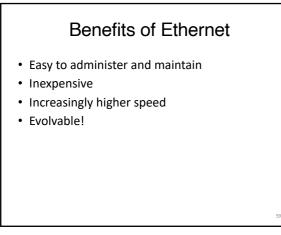


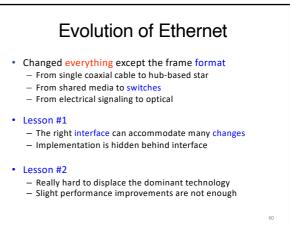


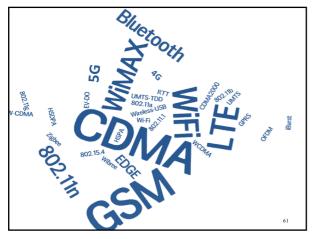


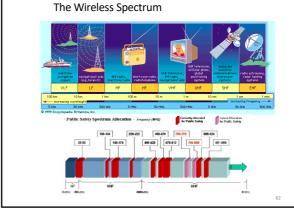


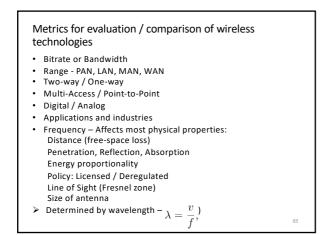


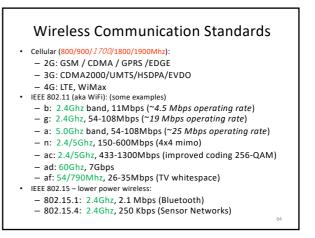




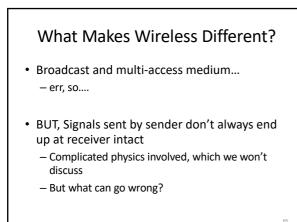


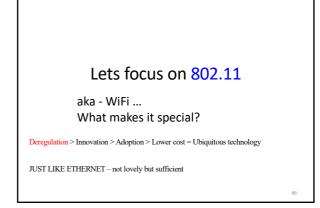


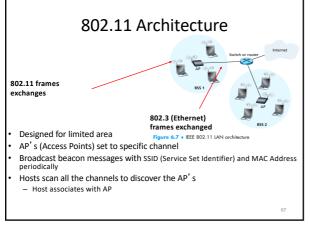


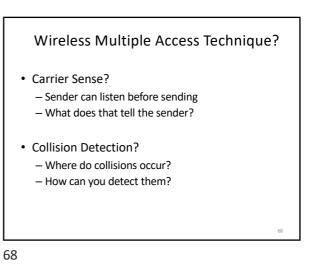




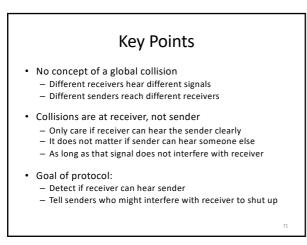


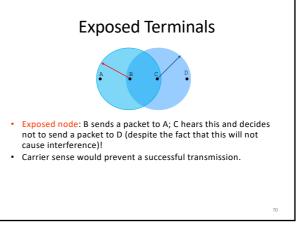


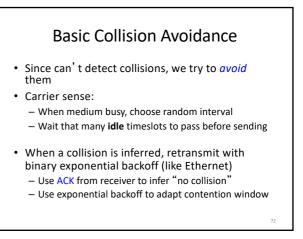


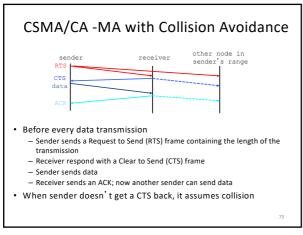


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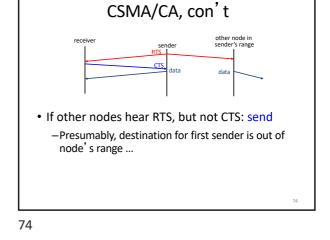


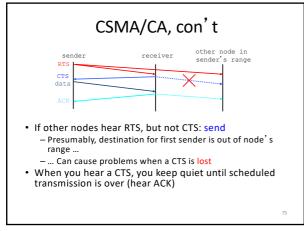




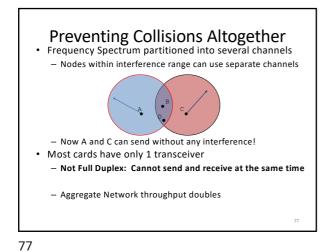


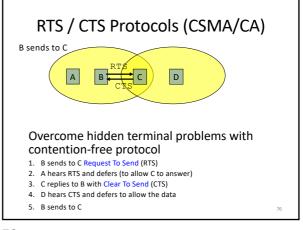




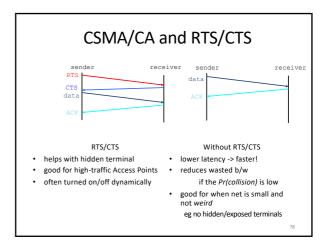


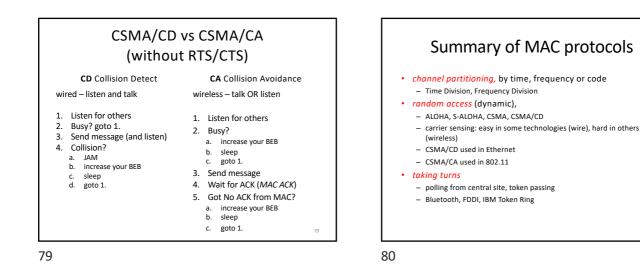
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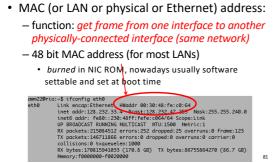


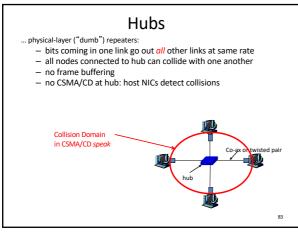




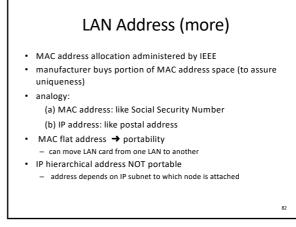


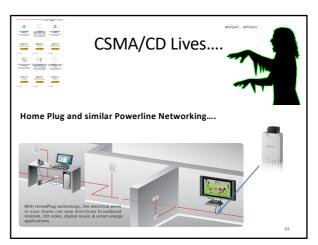
MAC Addresses

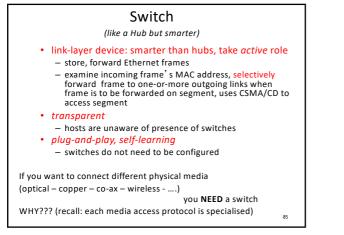




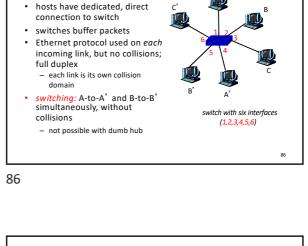






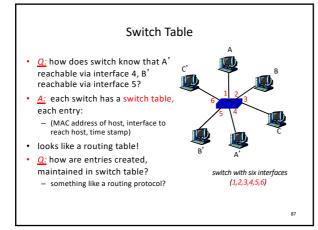




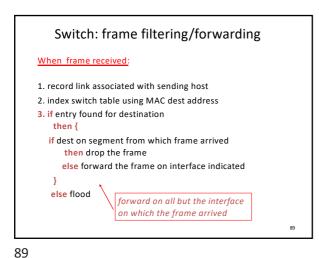


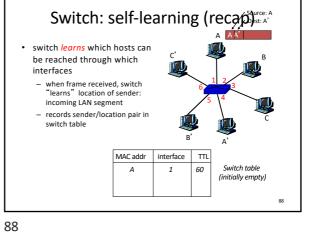
Switch: allows multiple simultaneous

transmissions



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Self-learning, Dest: A forwarding: example · frame destination unknown: flood destination A location known: selective send MAC addr interface TTL 60 Switch table 1 4 A A (initially empty) 60

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