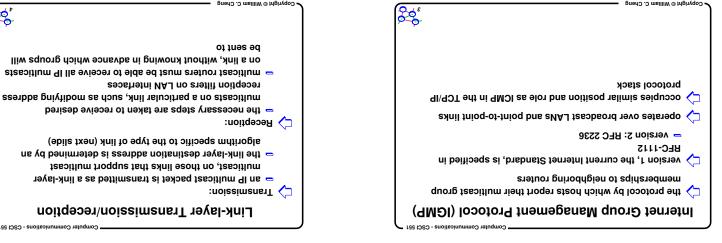
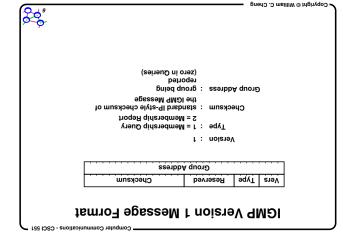




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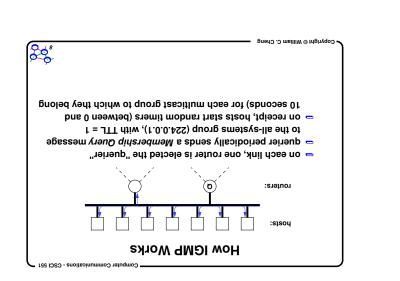
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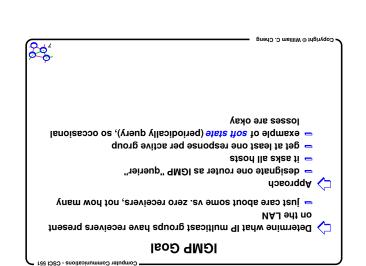


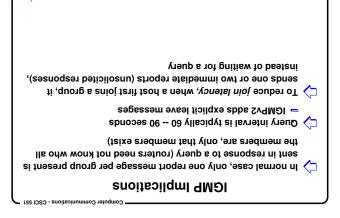
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st's timer for group G expires, it sends a ip Report to group G, with TTL = 1 bers of G hear the report and stop their timers ar all reports, and time out nonresponding	membersh Membersh
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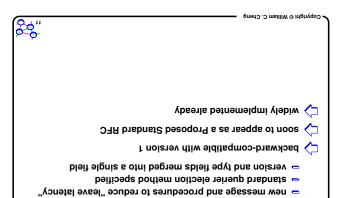


**2** 

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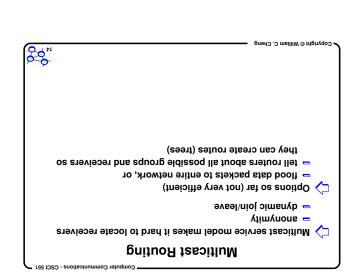
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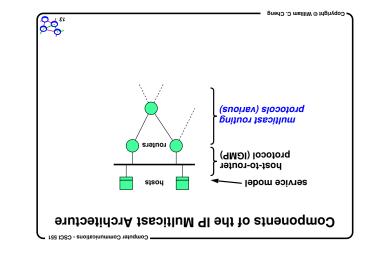


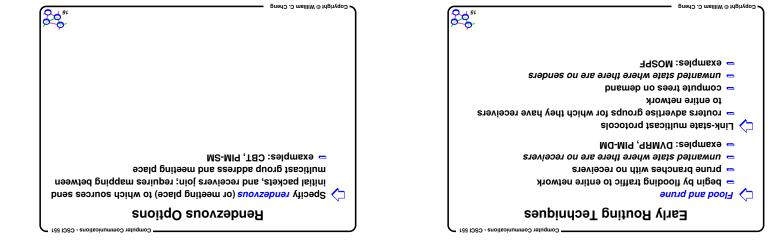
**IGMP Version 2** 

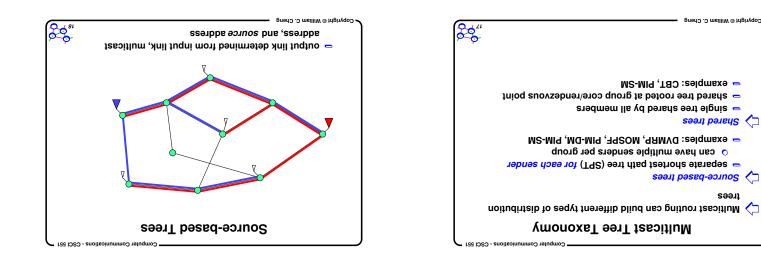
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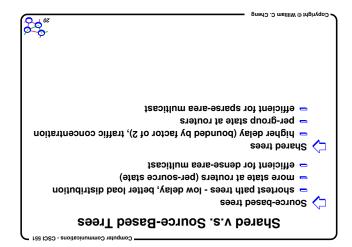
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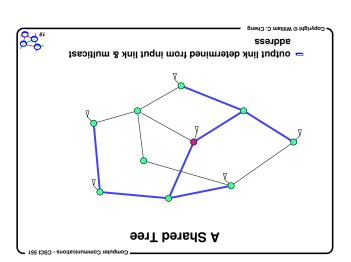


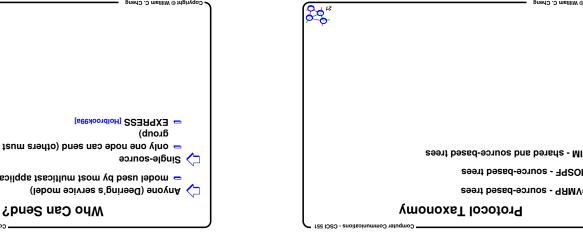


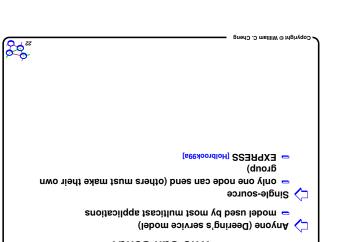


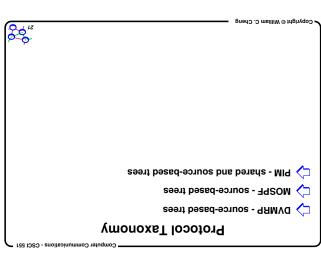


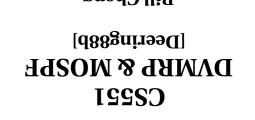












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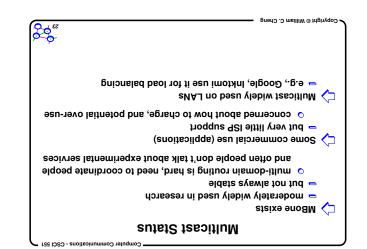
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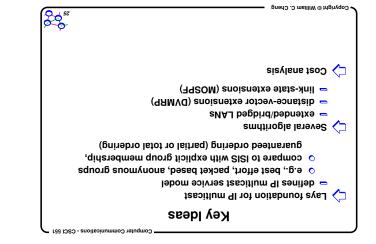
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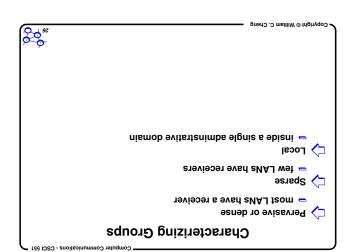
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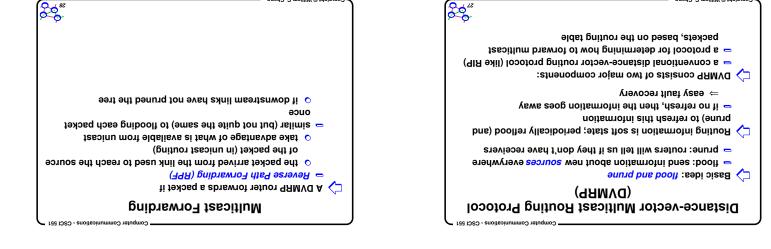
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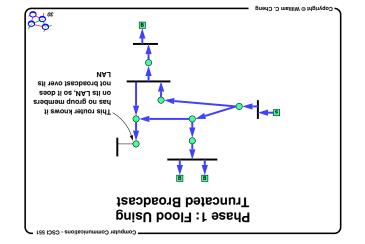


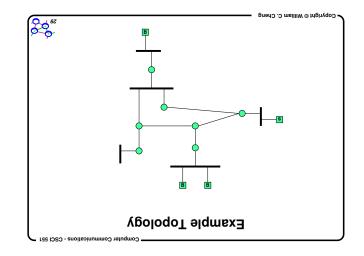




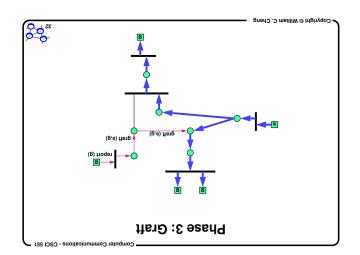


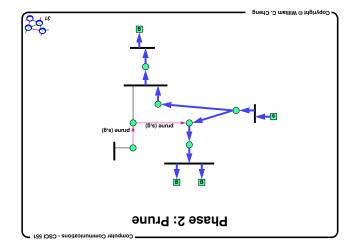
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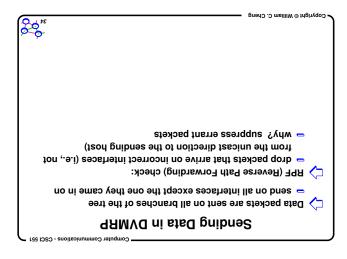


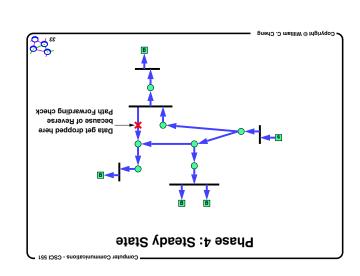


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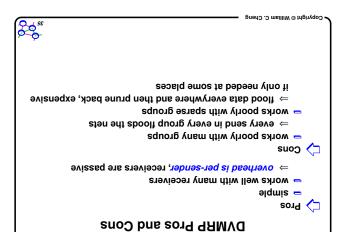


- Basic idea: treat group members (receivers) as new links
  flood information about them to everyone in LSA message (just like LSA routing)
- Realized as MOSPF (Multicast Open Shortest-Path First) a add-on to OSPF
- each router indicates groups for which there are directly-connected members
- Ink-state advertisements augmented with multicast group
  Ink-state subvisition foral members have joined
- addresses to which local members have joined — link-state routing algorithm augmented to compute shortest-path distribution tree from any source to any set of destinations

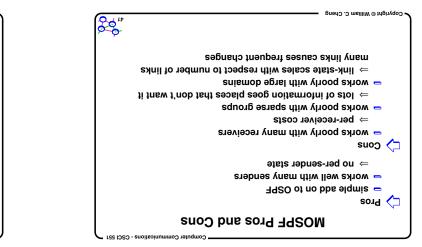
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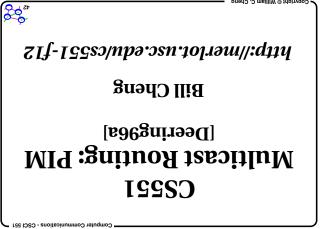
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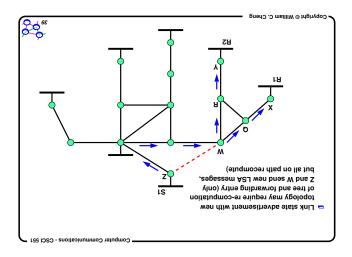


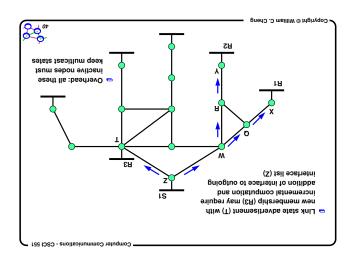
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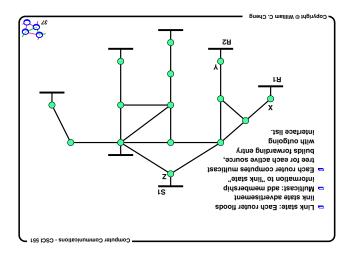


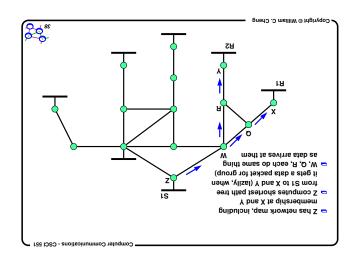


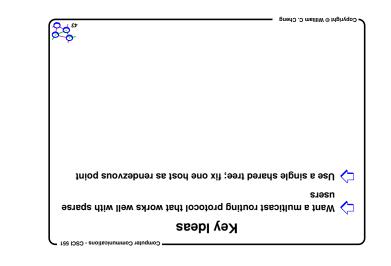
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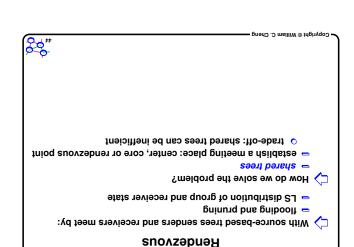












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