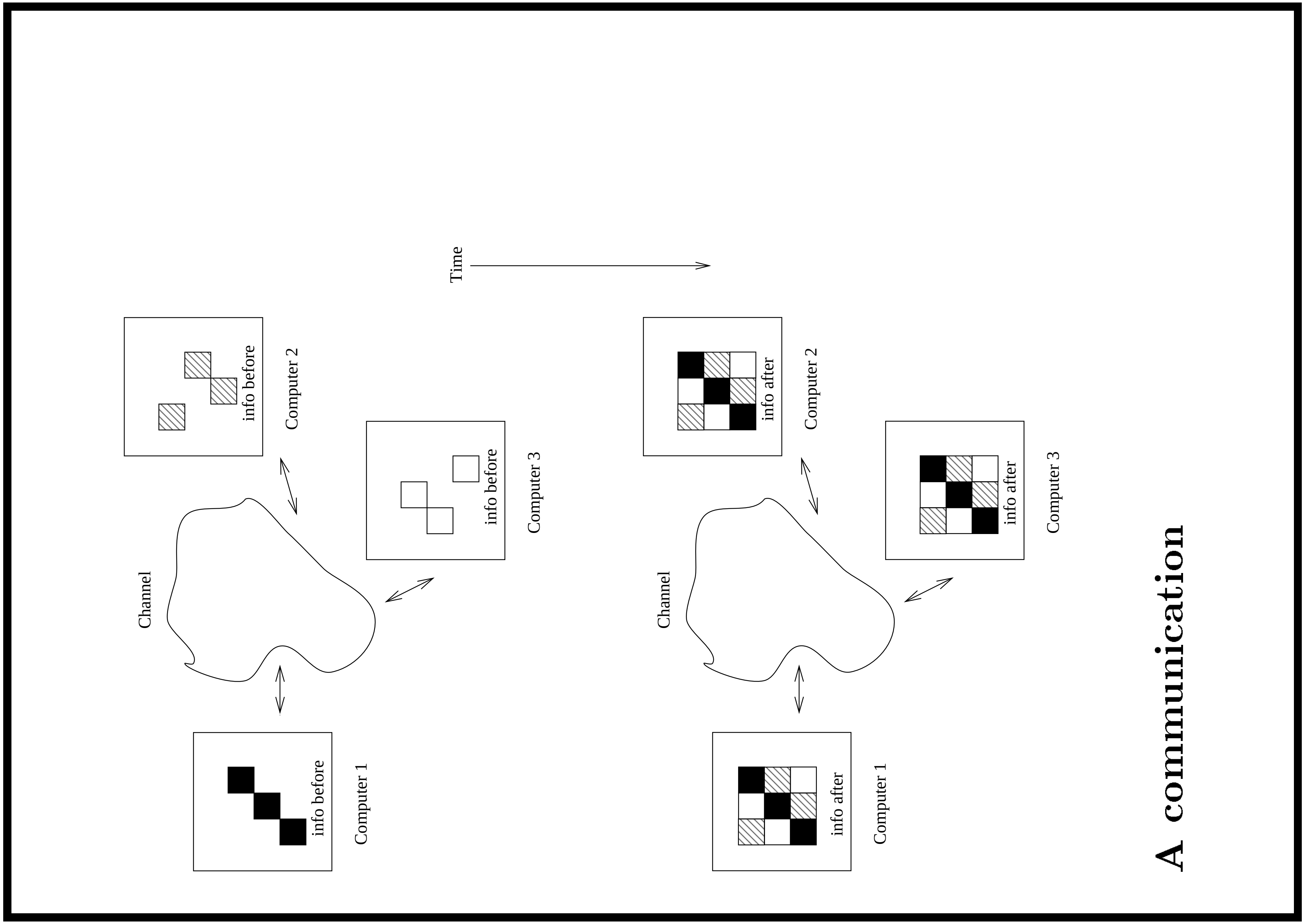
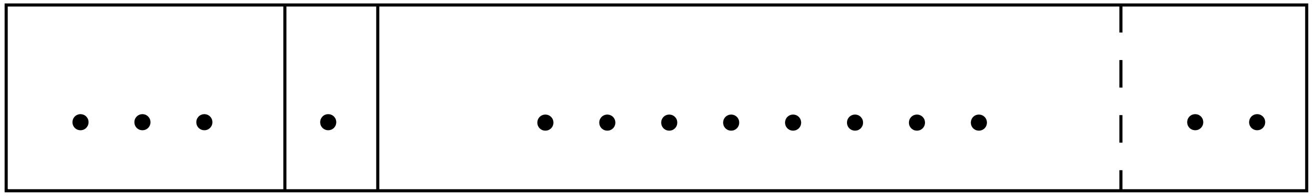
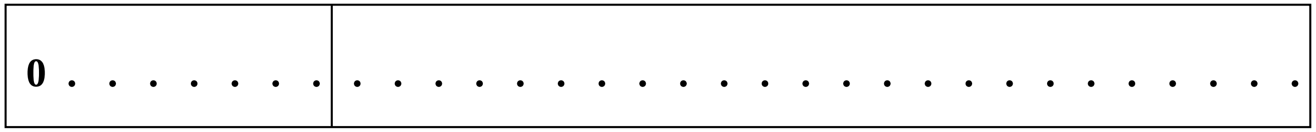

A communication
Time
Computer 1
info before
Computer 2
info before
Computer 3
info before
Channel
Computer 1
info after
Computer 2
info after
Computer 3
info after
Channel

00. . . . .

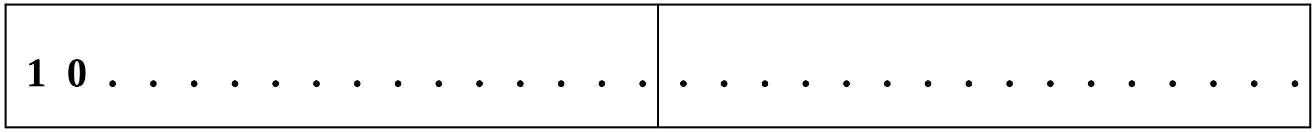
IEEE standard 48-bit identifier



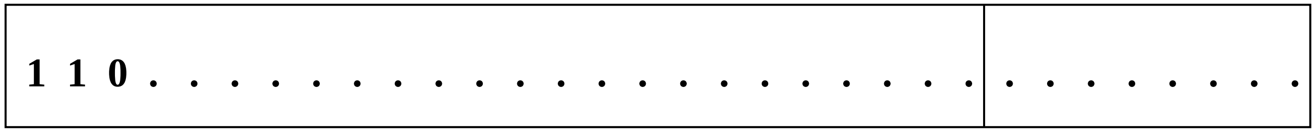
Basic structure of an ITU-T X.121 standard identifier



(a) Class A address format: 8 network and 24 computer address bits

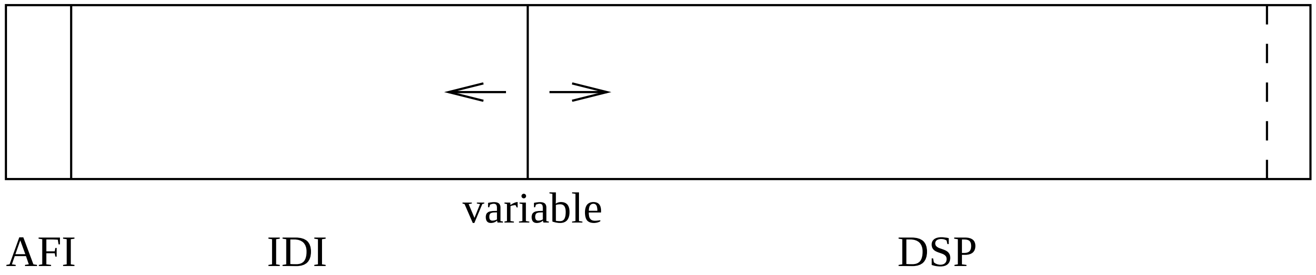


(b) Class B address format : 16 network and 16 computer address bits

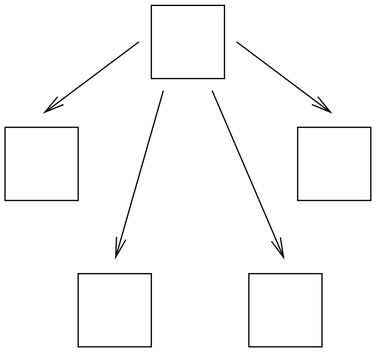


(c) Class C address format: 24 network and 8 computer address bits

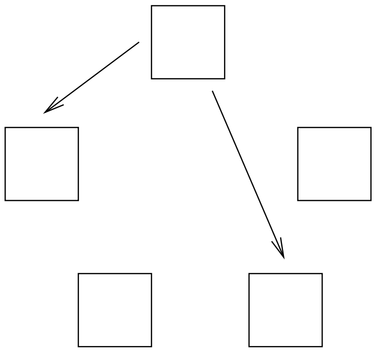
IP identifier structure



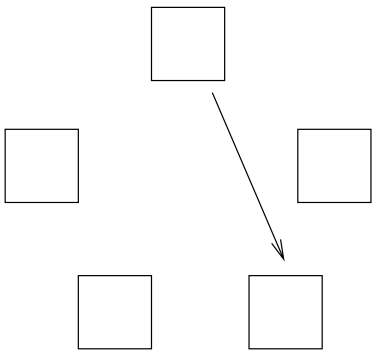
Basic structure of an ISO NSAP identifier



(a) Example of broadcast communication

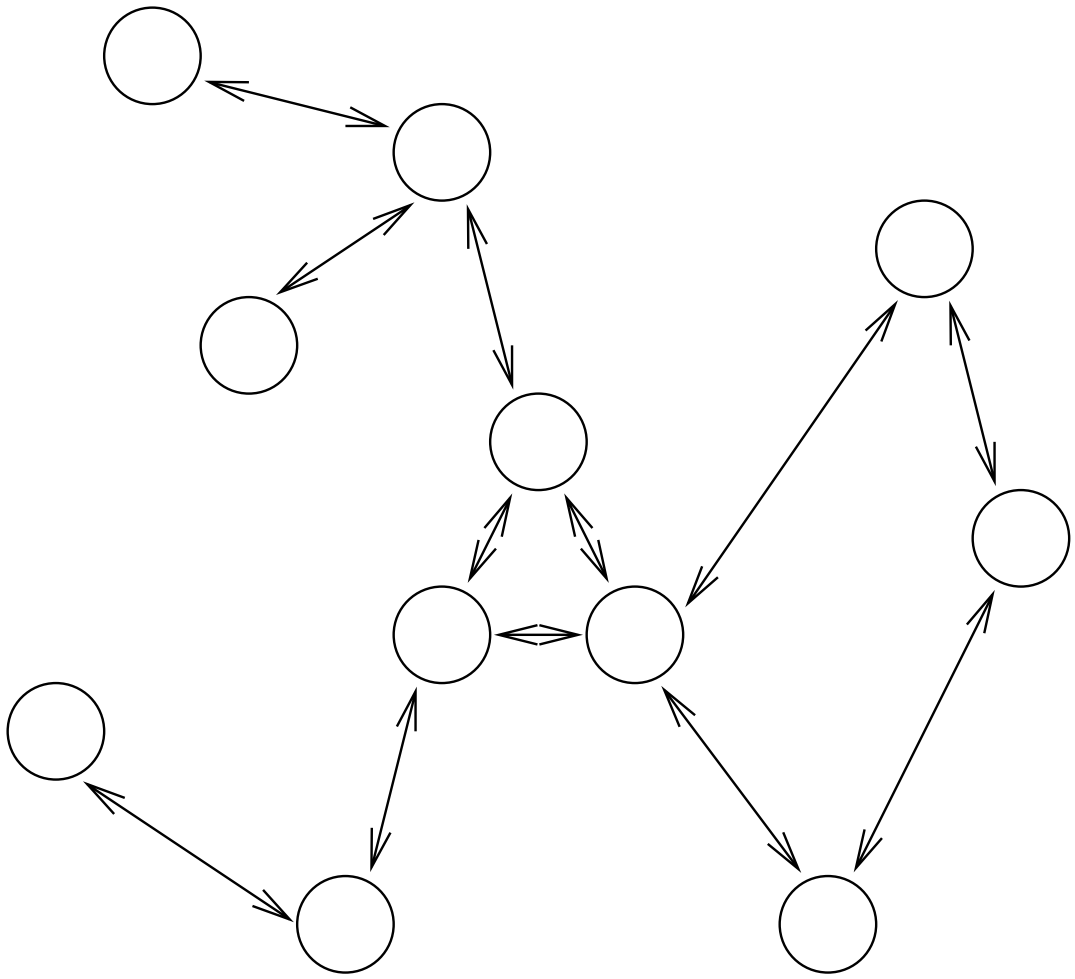


(b) Example of multicast communication

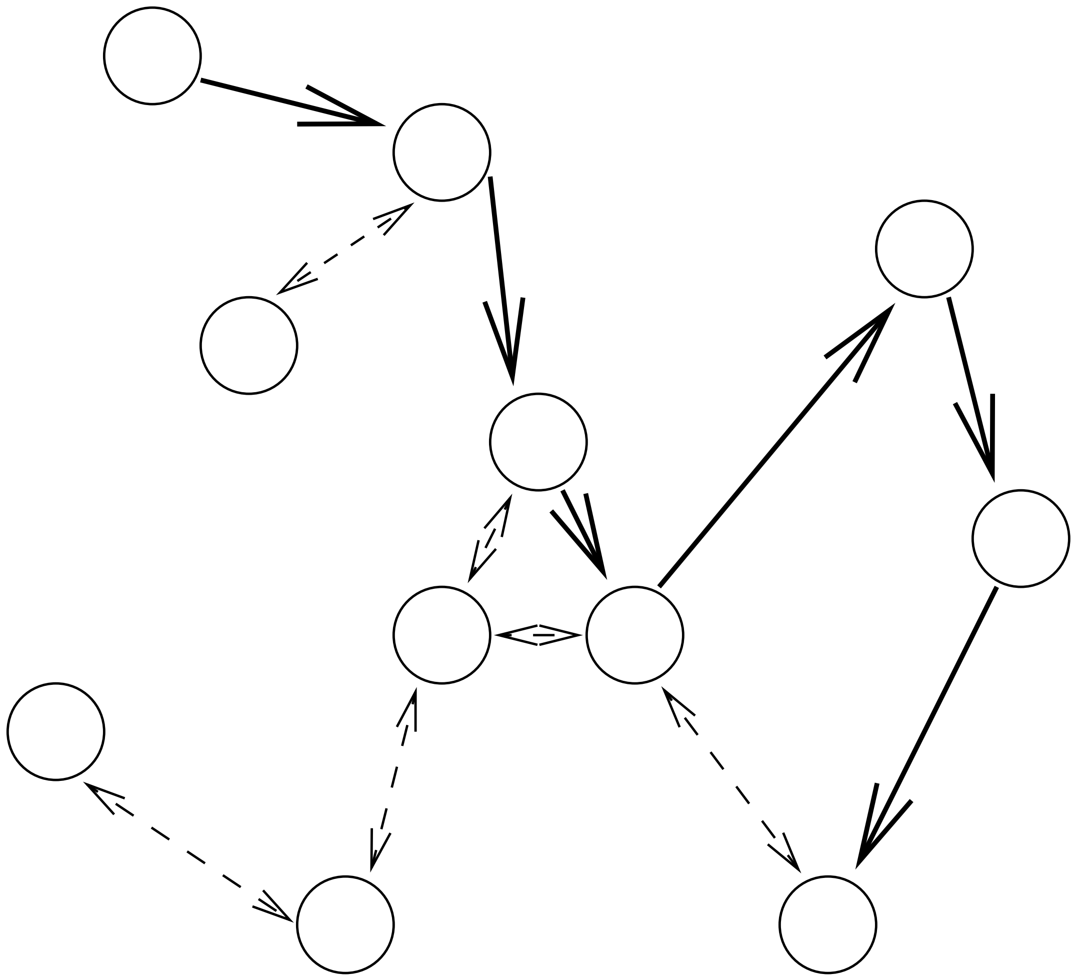


(c) Example of unicast communication

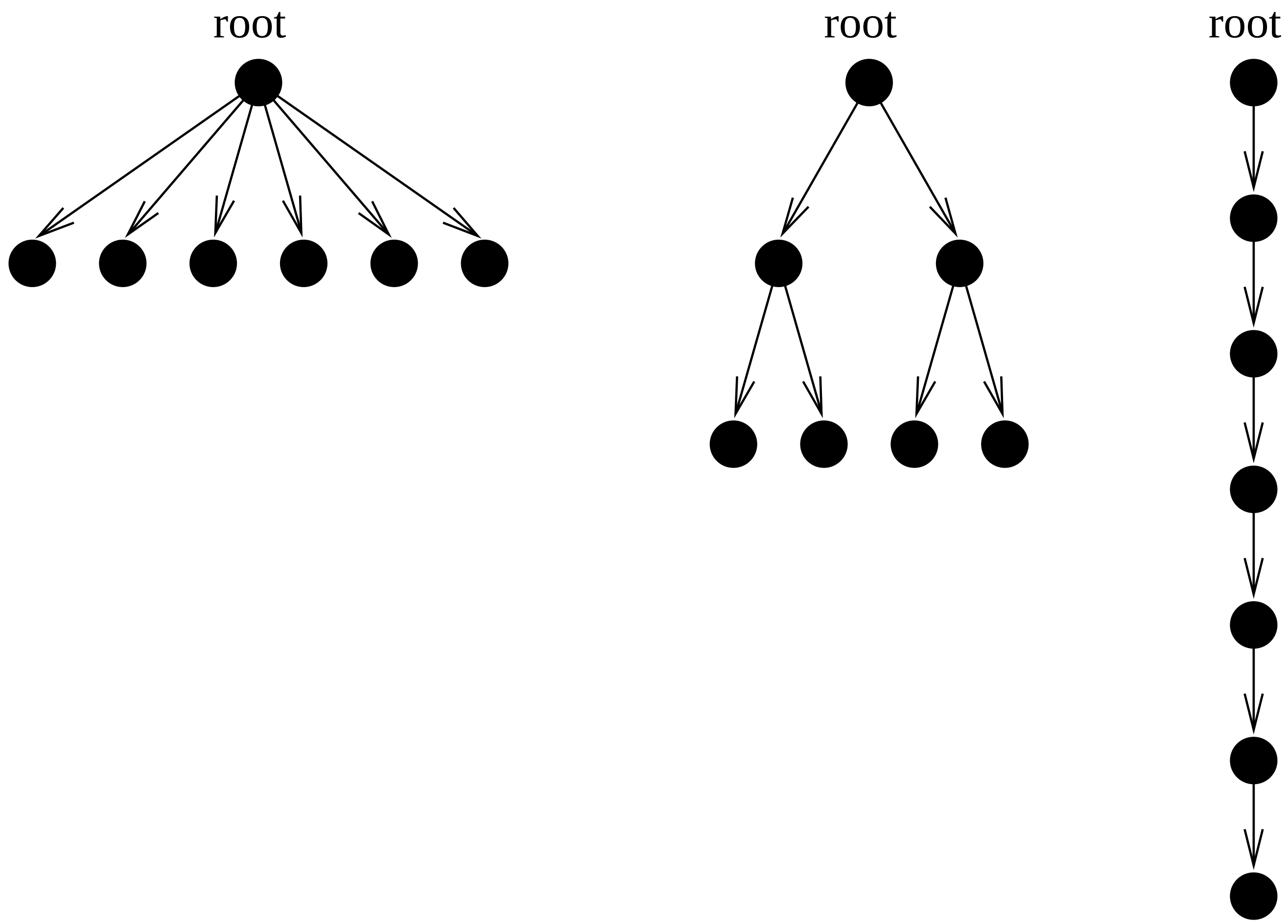
Broadcast, multicast and unicast information flows



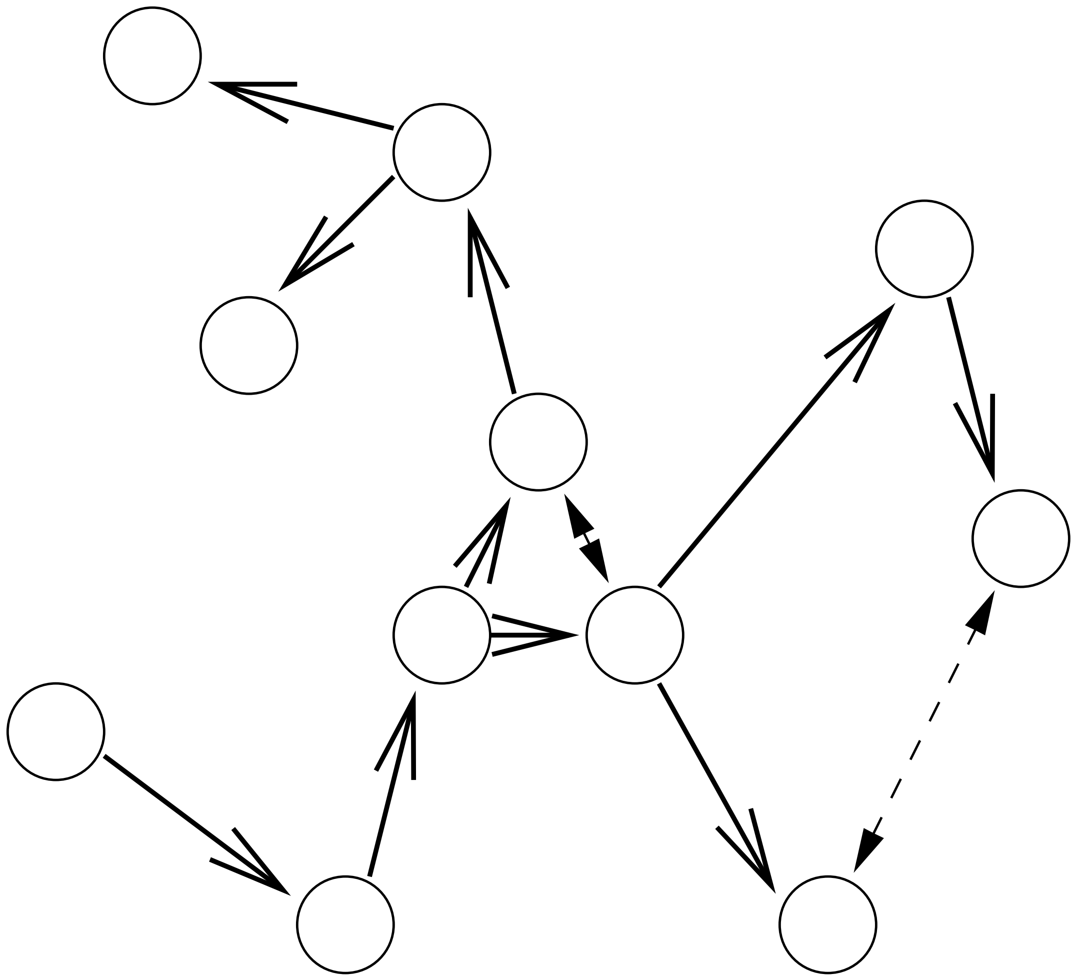
Example graph representing network



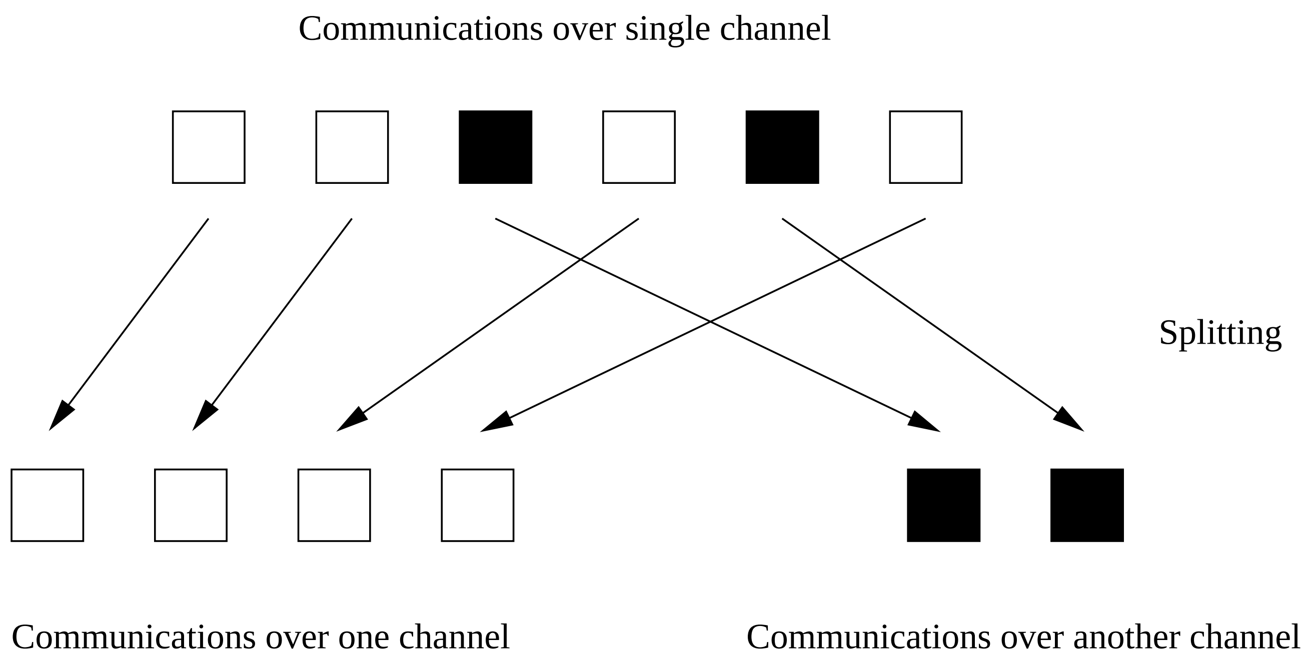
Directed path in example graph



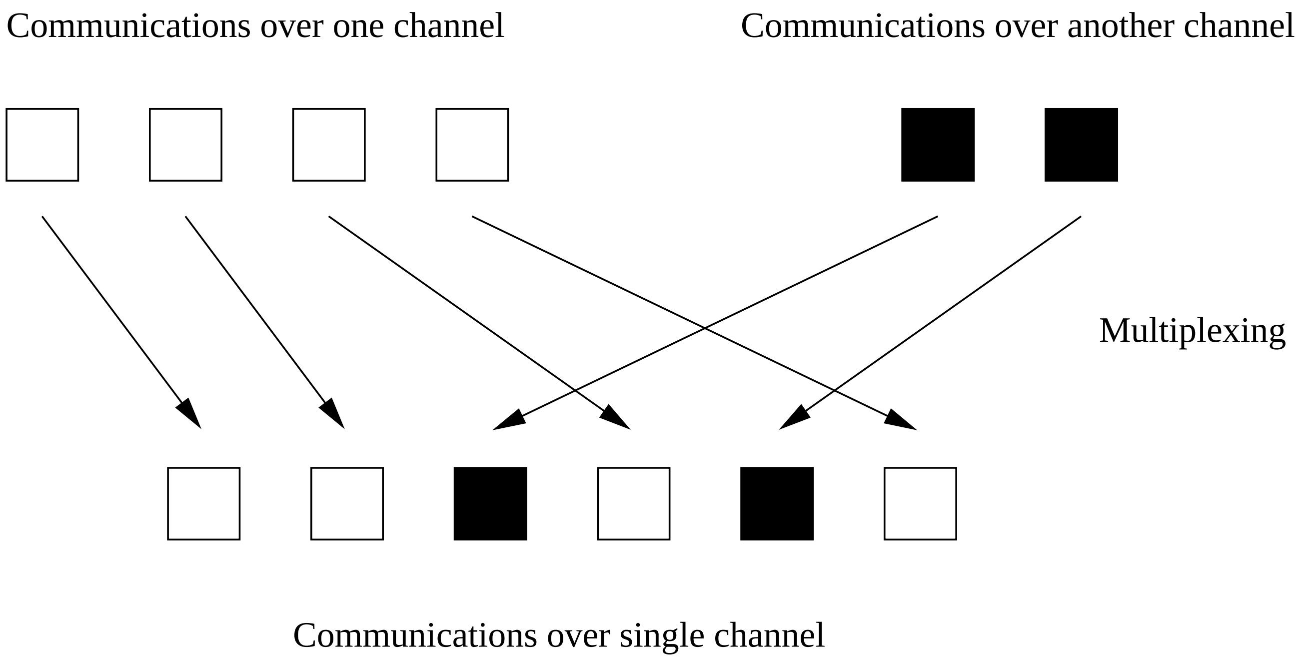
Three examples of trees with seven vertices



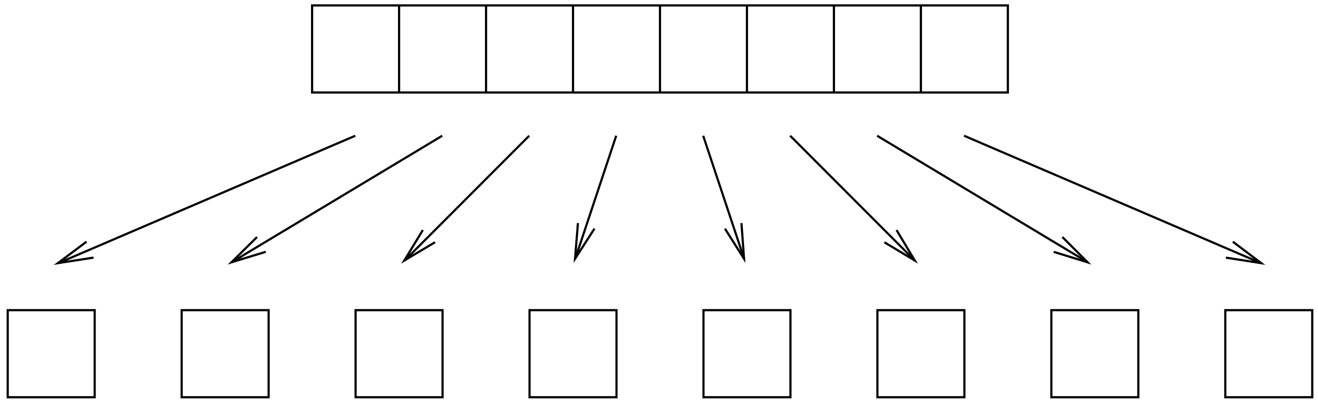
Directed spanning tree of example graph



Splitting a channel over several channels



Multiplexing several channels on to a single channel



Splitting a character communication channel