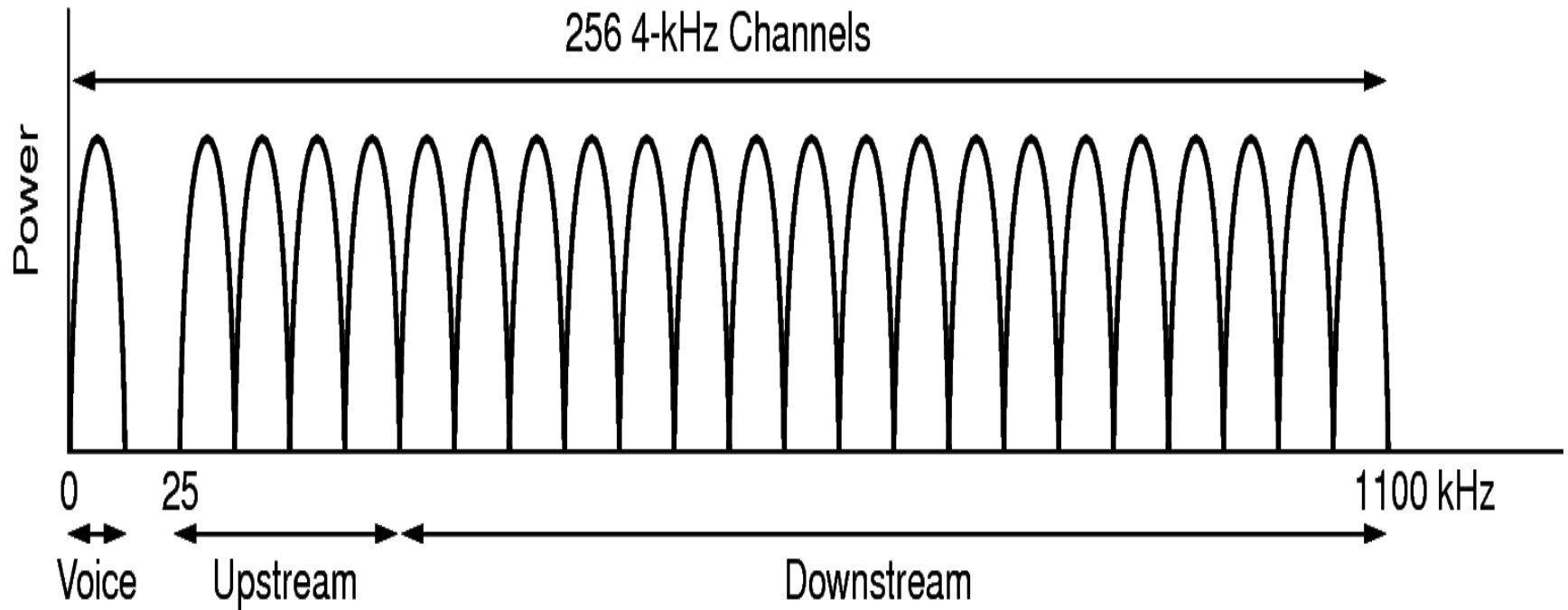


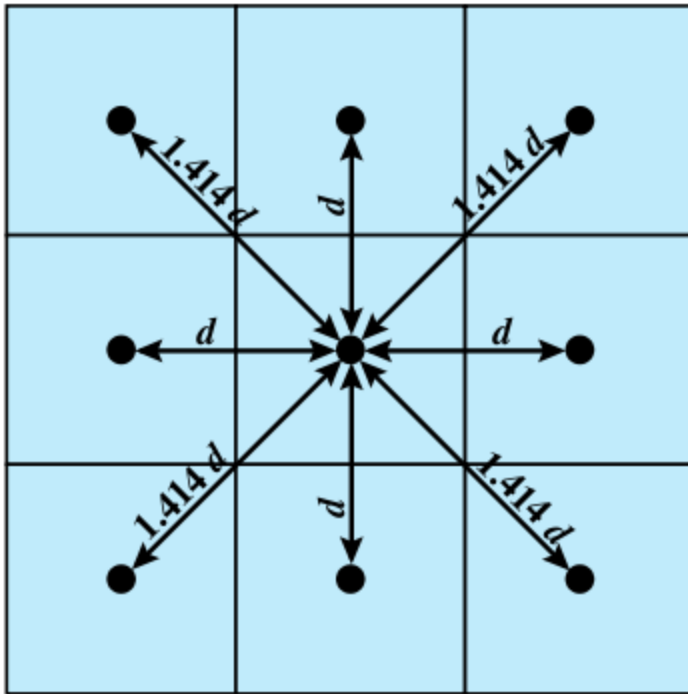
Lecture 7

Communication Network Examples

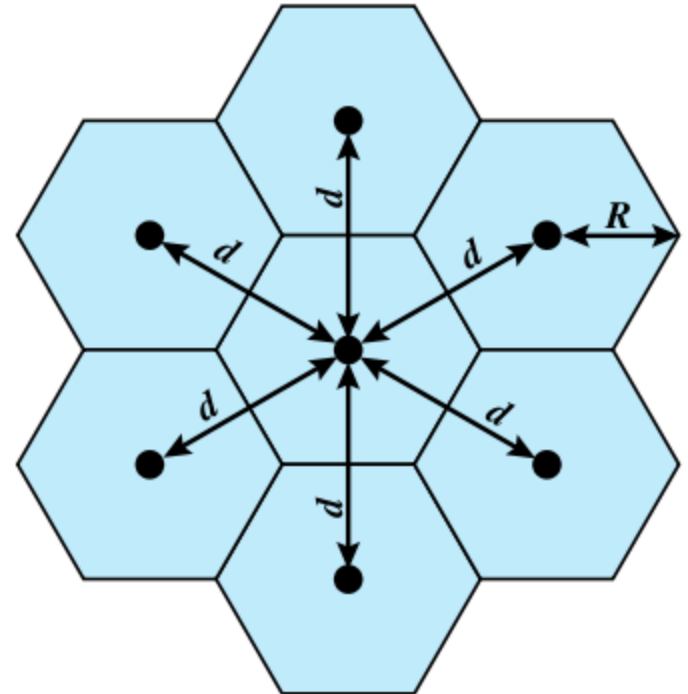
DSL Multiplexing



Shape of a cell

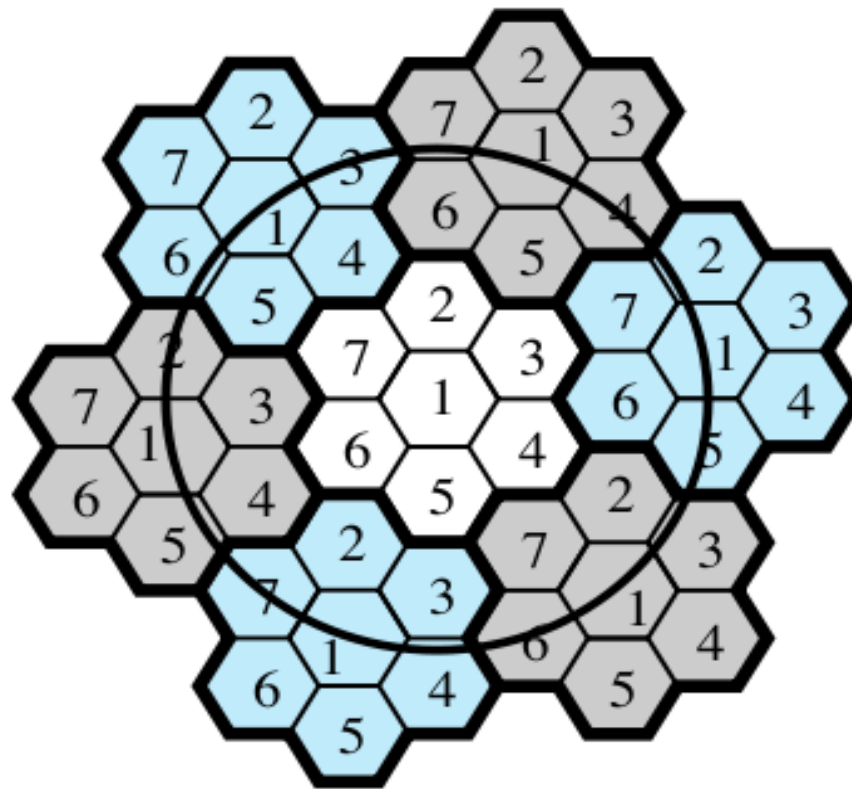


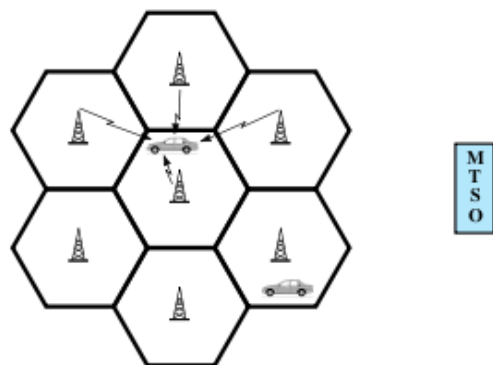
(a) Square pattern



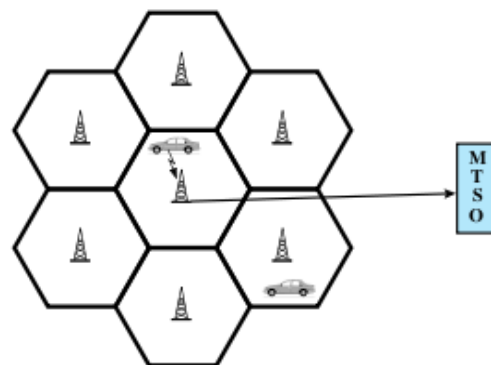
(b) Hexagonal pattern

Frequency Reuse

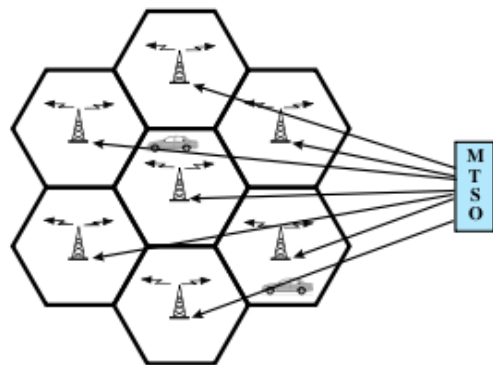




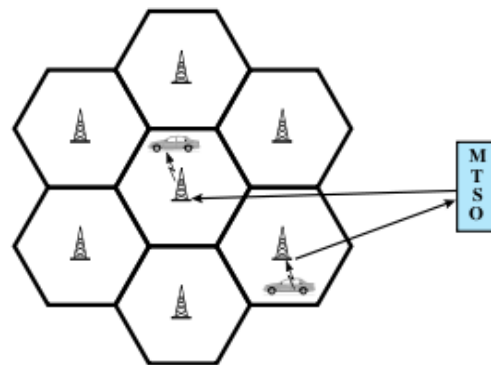
(a) Monitor for strongest signal



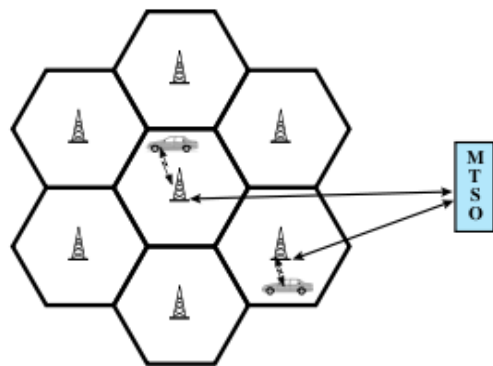
(b) Request for connection



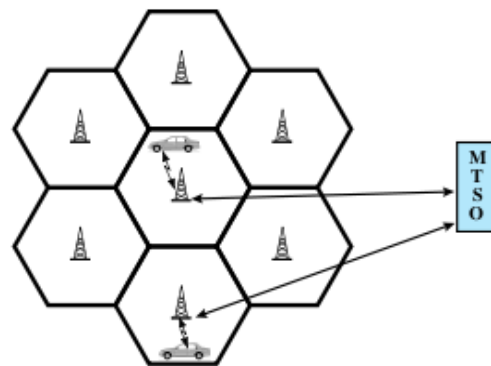
(c) Paging



(d) Call accepted



(e) Ongoing call



(f) Handoff