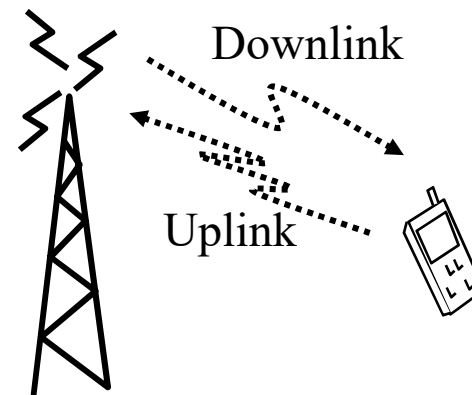
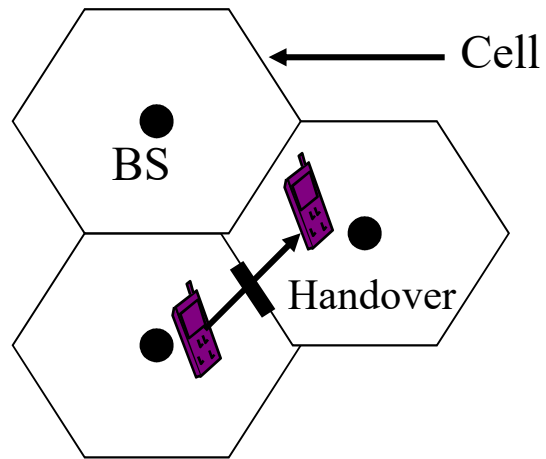
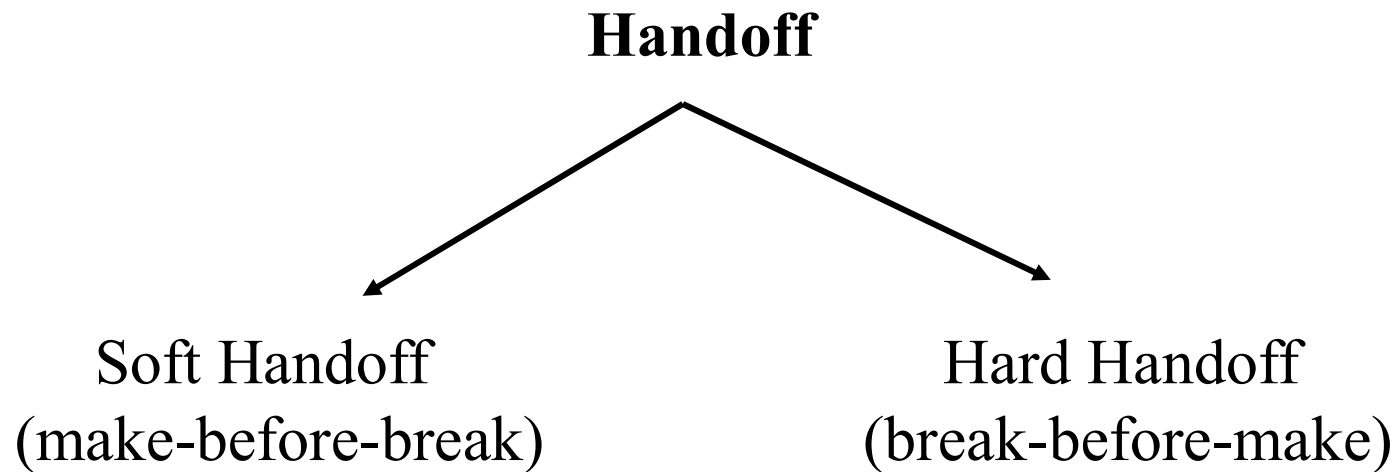


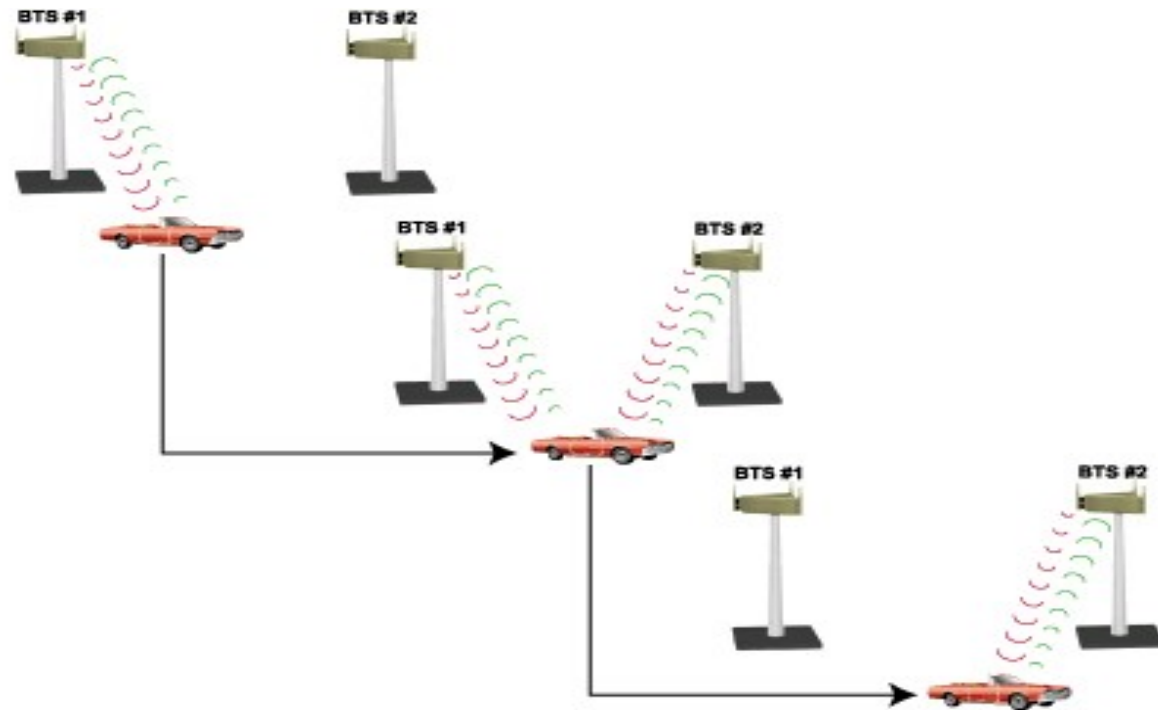
Handover



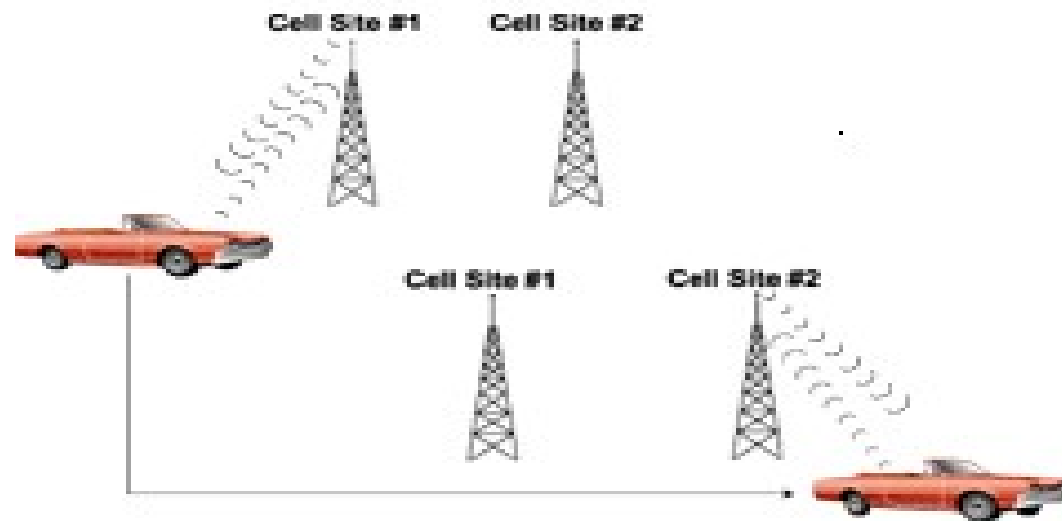
Types of Handoff (Handover)



Soft handoff



Hard handoff



Hard HO (2)



if $(S_y - S_x) > D$ and serving station is B_x
then handoff to B_y .

else if $(S_x - S_y) > D$ and serving station is B_y
then handoff to B_x .

else no handoff.

Handover Strategy (1)

- *Mobile-assisted HO (MAHO):*
- *Network-initiated HO (NIHO):*
- *Mobile-controlled HO (MCHO):*

Handover Failure : Causes

- ⇒ Free Channel does not exist
- ⇒ Time too much to make handover
- ⇒ Too much weak signal.
- ⇒

Existing situations

- Handoff between cells: The destination and the origin are connected to the same MSC.
- Handoff between systems (Roaming): it occurs when a MS goes for an another cellular system controlled by an another. In this in case The MS is in "roaming".