

4G & 5G Mobile Technology

Mobile Communications Handover

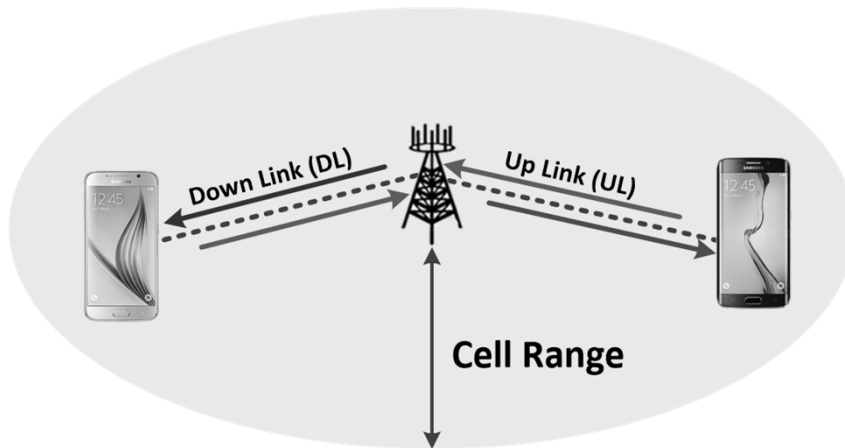
Mobile Communications Handover

❖ Mobile Phone Evolution

- 1G (1st Generation)
 - AMPS
- 2G (2nd Generation)
 - GSM, IS-95 (cdmaOne)
- 3G (3rd Generation)
 - UMTS (WCDMA), CDMA2000
- 4G (4th Generation)
 - LTE-A

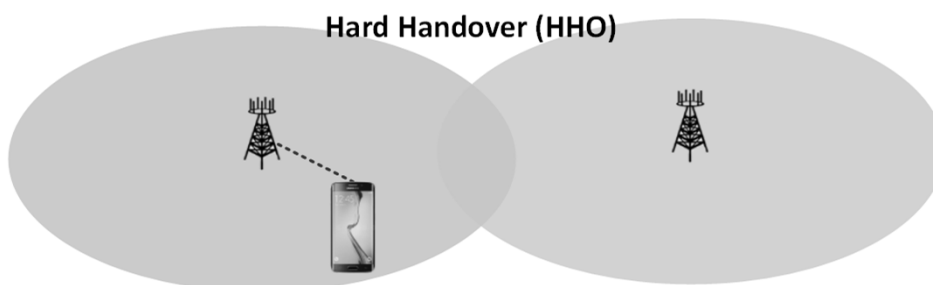
Mobile Communications Handover

❖ Downlink & Uplink



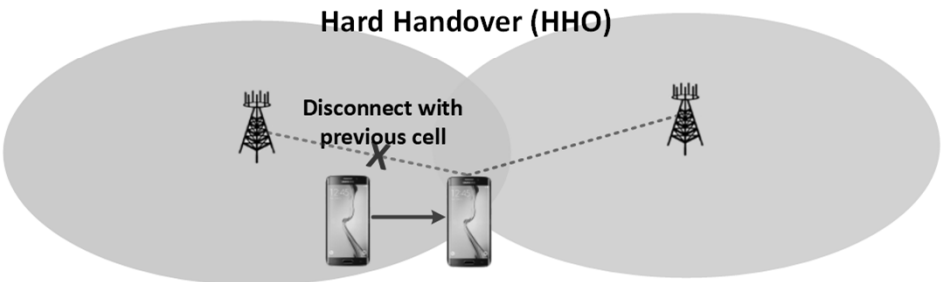
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❖ Handover



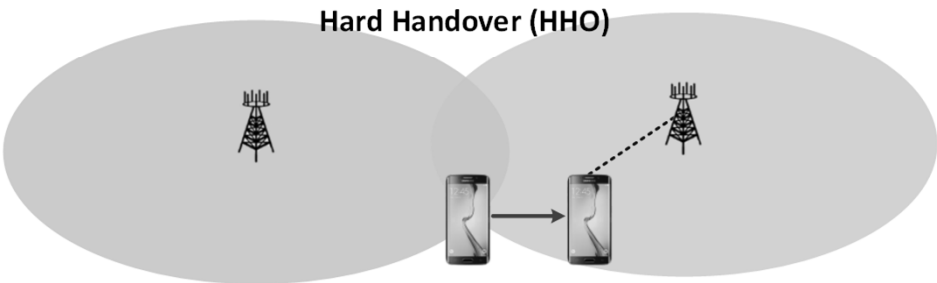
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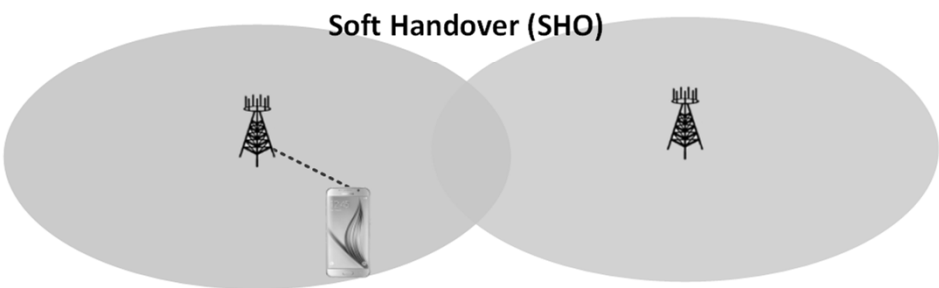
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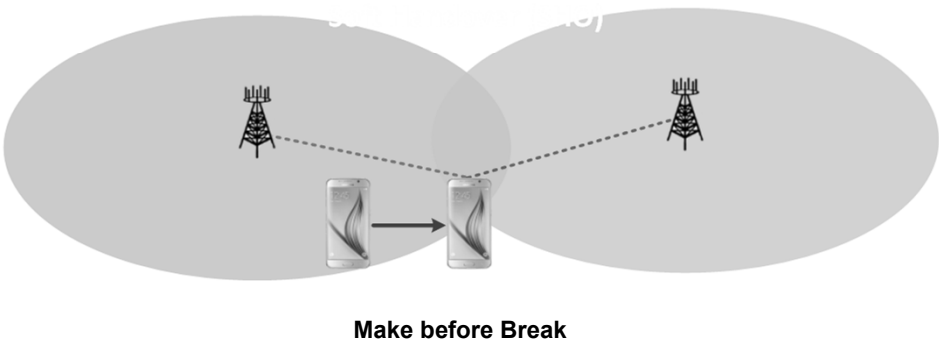
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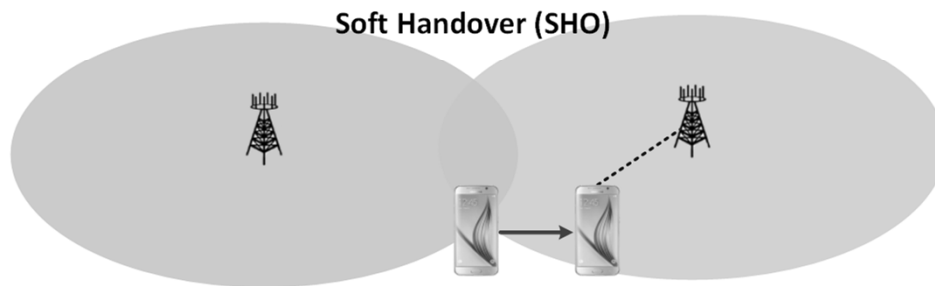
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References

References

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