UDN, MS, BS, UE.

About BS.
Uniform
분포 : ~~PPP~~ BPP
λ

About UE
분포 : ~~PPP~~ BPP or Uniform
움직임 : ~~random walk~~
λ'

building

UDN 모델링
~~3.5 GHz & 28 GHz~~ 거리
~~height~~, r, ~~Bandwidth~~, data rate (SINR) threshold 넘기
~~LoS - NLoS~~
BS association rule, ~~C-RAN~~
↑
disadvantage
트래픽 가까운 곳에 결정된다

fading, 거리감쇄.
Nakagami

[LoS 2.5 / NLoS 4] $d^{-\alpha}$
애네 고려하기.

목표 : Energy Efficiency

BS
State Active sleep
Action ⟷ change
Reward ~~Energy Efficiency~~ ← Coverage Probability로 하자
↑ ↓
~~W_1 Data-Rate + W_2 Energy Consumption~~

Data Rate
Energy consumption

UE -
Energy consumption -