TCP in Wireless Environment
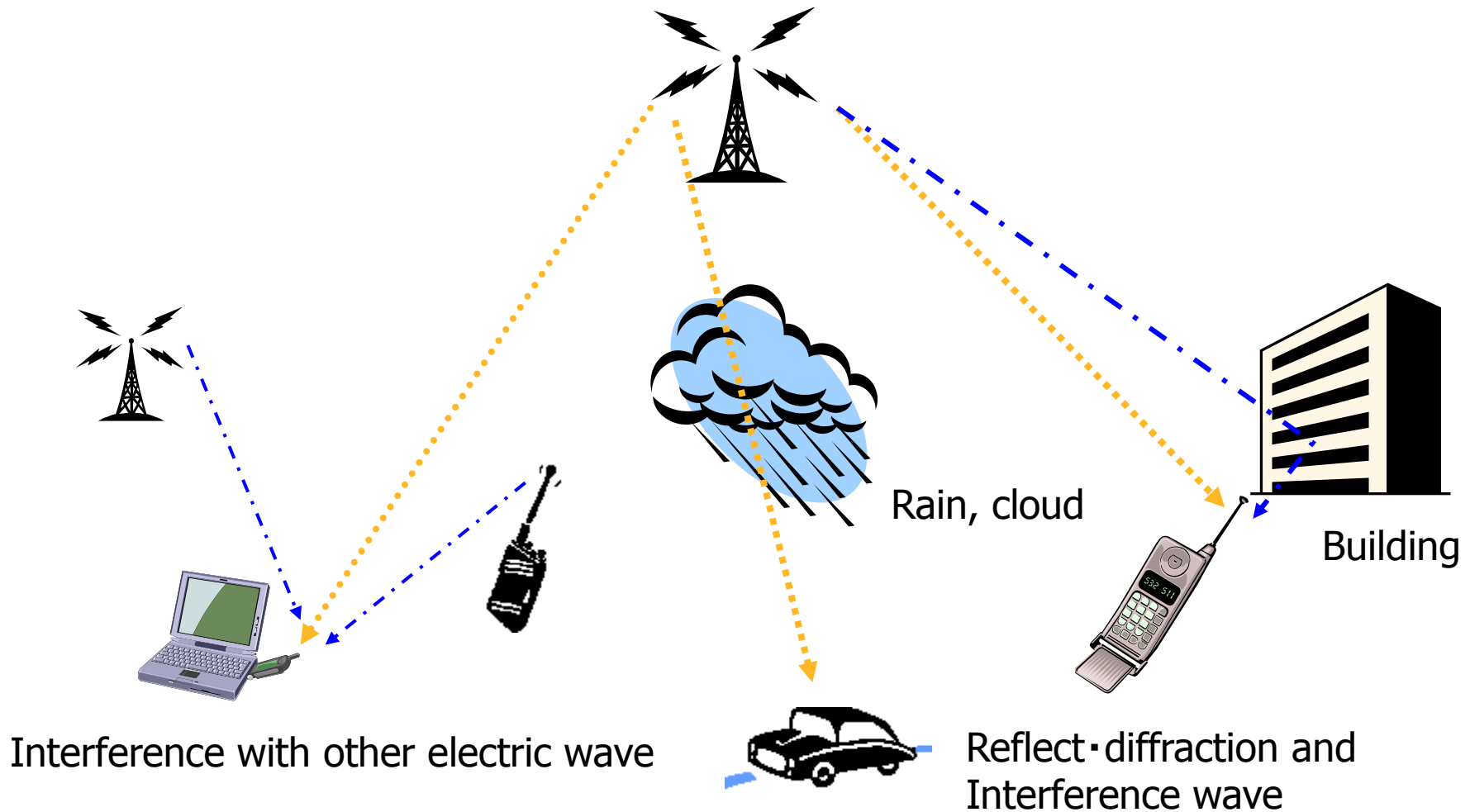
Practice 1

Information and Communications Technology
Internet Engineering

Problem of Wireless Link

Rain, cloud

Building

Interference with other electric wave

Reflect・diffraction and Interference wave

Bit error is occurred (0→1 or 1→0)

Experiment 3

- Simulate UDP・TCP incase of bit error exist

Link error rate (0 〜 1)

CBR/UDP or FTP/TCP

| 0 | 1 | 2 | 3 |

25Mbps
5ms

Server

20Mbps
5ms

Router

25Mbps
5ms

Antenna
(Base-station)

Mobile node
(cell phone)

Agent

- UDP
- TCP (Tahoe, Reno)
- *TCP (Sack, NewReno)*※

※ develop problem

Agent

Network → router → network