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통신시스템 연구실

무선통신의 기반 이론 연구와 실제 통신시스템 및 모뎀 설계에 필요한 핵심기술 연구를 수행한다.

- 소속: 서울 공과대학 융합전자공학부
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□

목차

주요 연구

저전력 무선 통신시스템

패킷 데이터 전송 기반의 그린 무선통신 시스템에 대한 연구

차세대 (B4G, 5G) 무선 통신시스템

차세대 (B4G, 5G) 무선 통신시스템

Device-to-Device (D2D) 시스템

통신용 모뎀 설계

4G LTE 단말기 및 차세대무선통신용 모뎀 설계

통신 및 정보이론

위 분야와 관련된 연구 과제(국책 및 기업)를 진행하여 이론과 경험을 통해 통신시스템에 대한 이해 수준을 높인다.

이동통신 신호기반 정밀위치 측정기술(HELPS)

이동통신 신호만으로 휴대전화의 정확한 위치를 파악할 수 있는 기술

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