資訊與通訊技術實驗室

Information and Communication Technology Lab.

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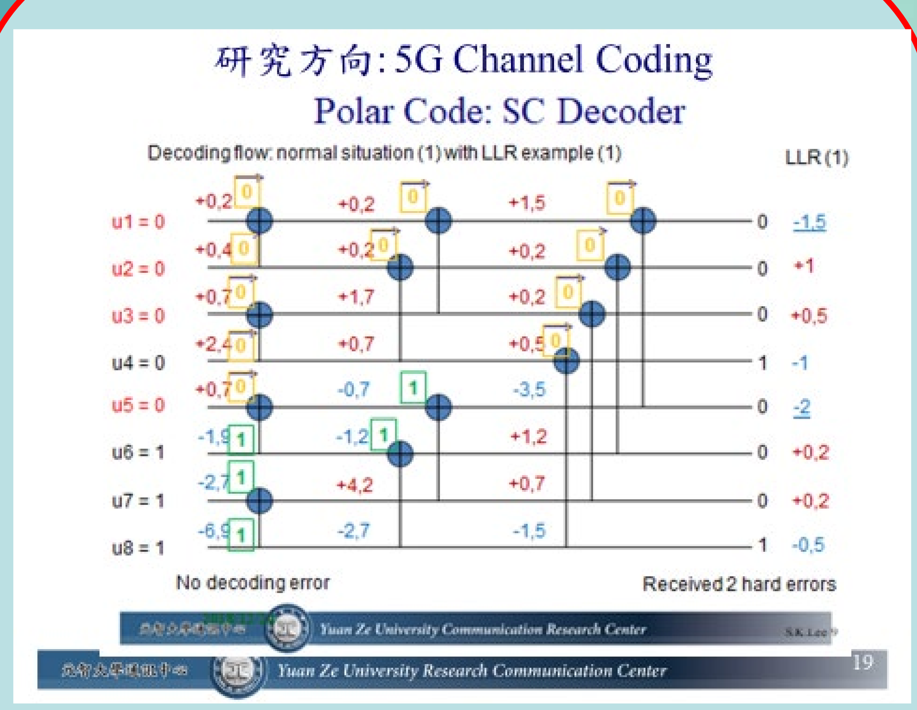
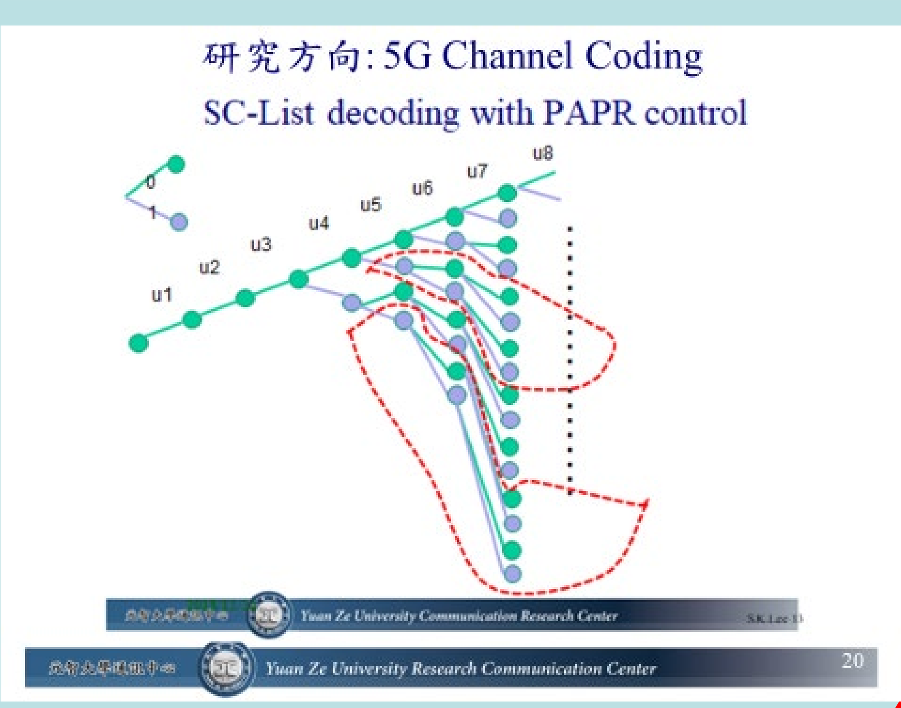
實驗室簡介

本實驗室主要處理資通訊系統中的實體層架構，建立基頻演算法包括同步、通道估測、等化器及通道編碼、空時編碼、編碼調變和迭代解碼方式。發展包括短距通訊、無線區域網路、行動通訊網路、展頻通訊、光磁記錄系統中的基頻處理及交互各層之間的演算法。研究觸及合作式與中繼式網路通訊。

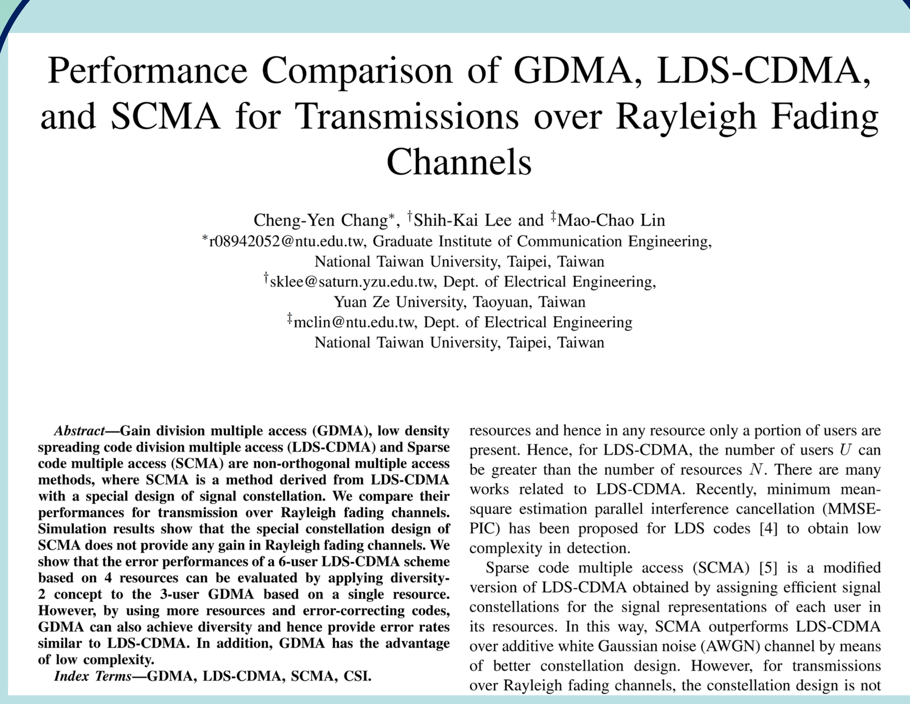
研究成果及方向概述

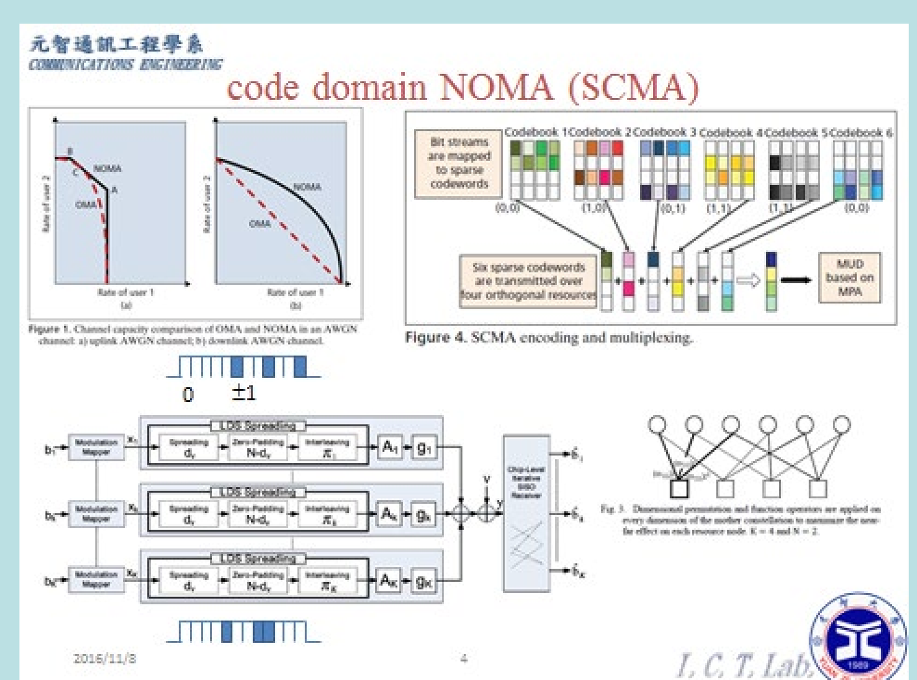
5G Channel Coding



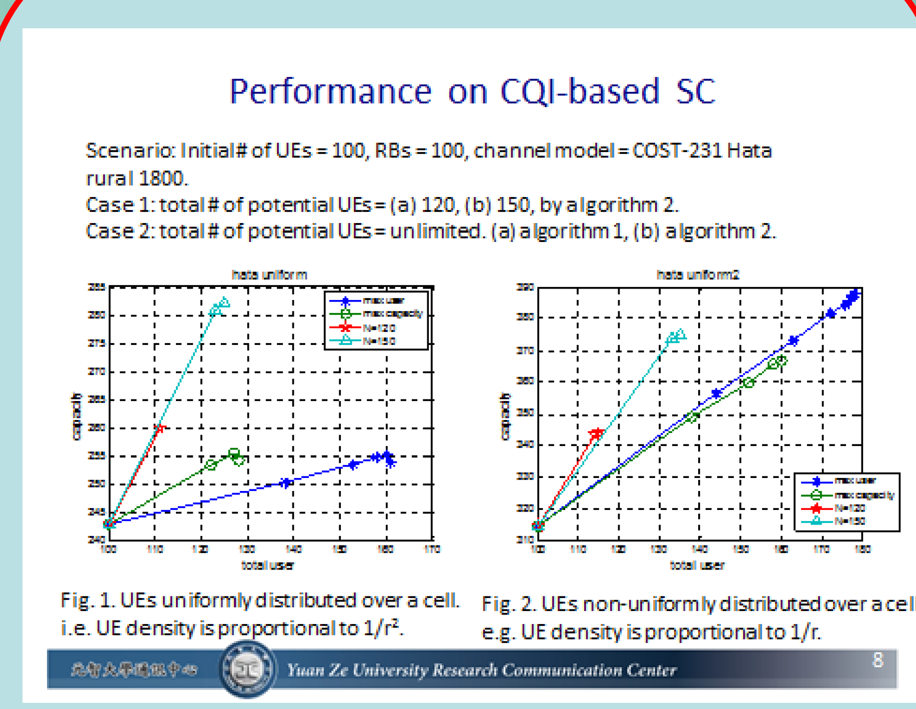


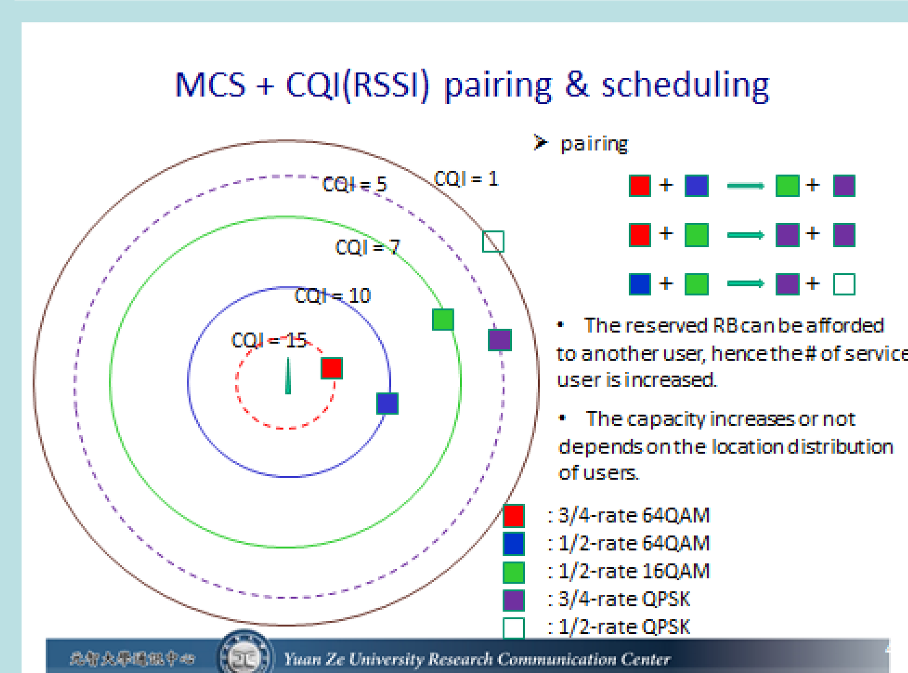
5G Multiple Access



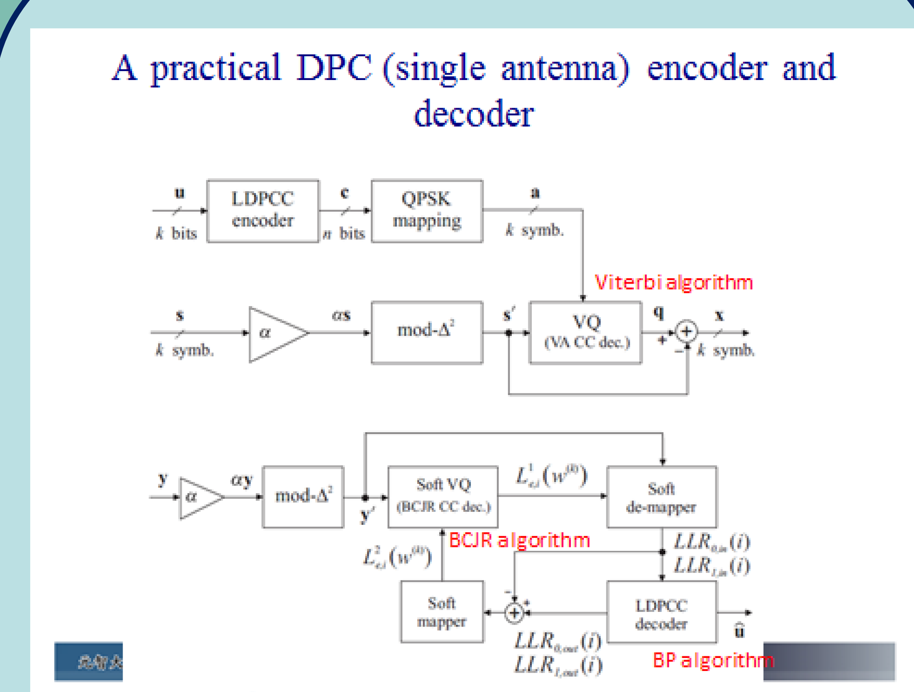


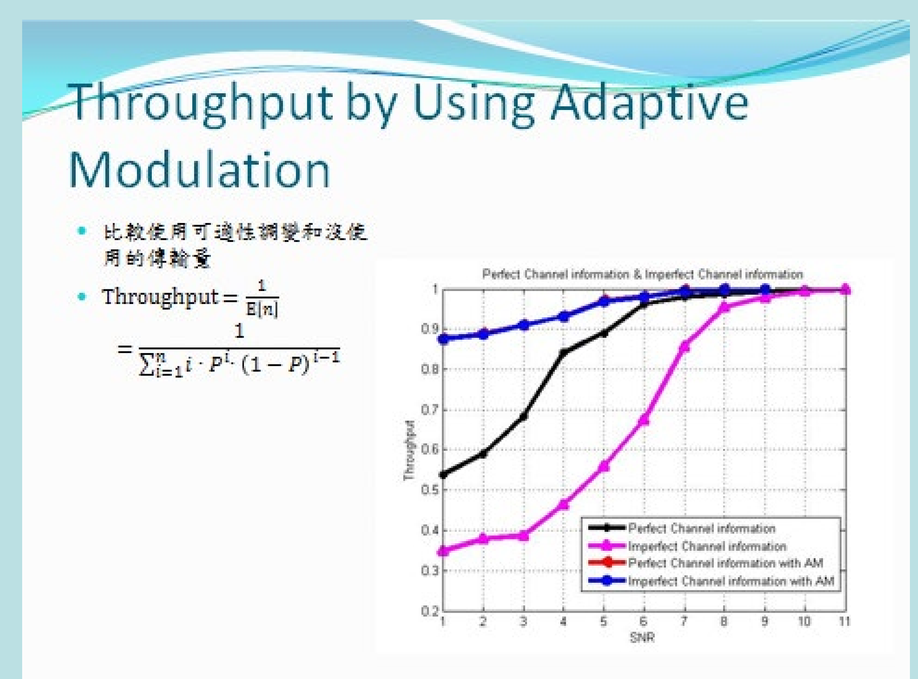
RRM for LTE



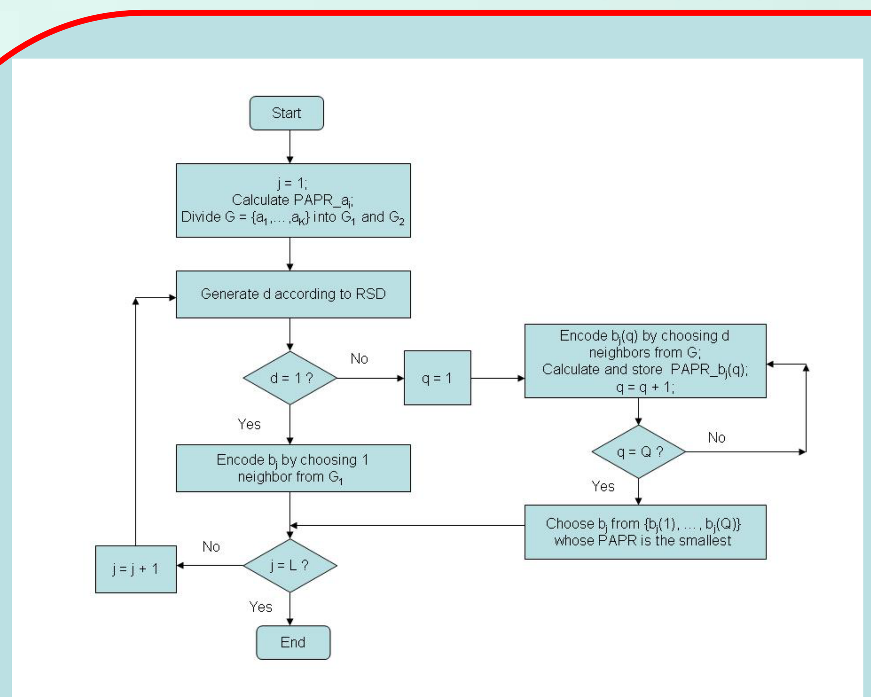


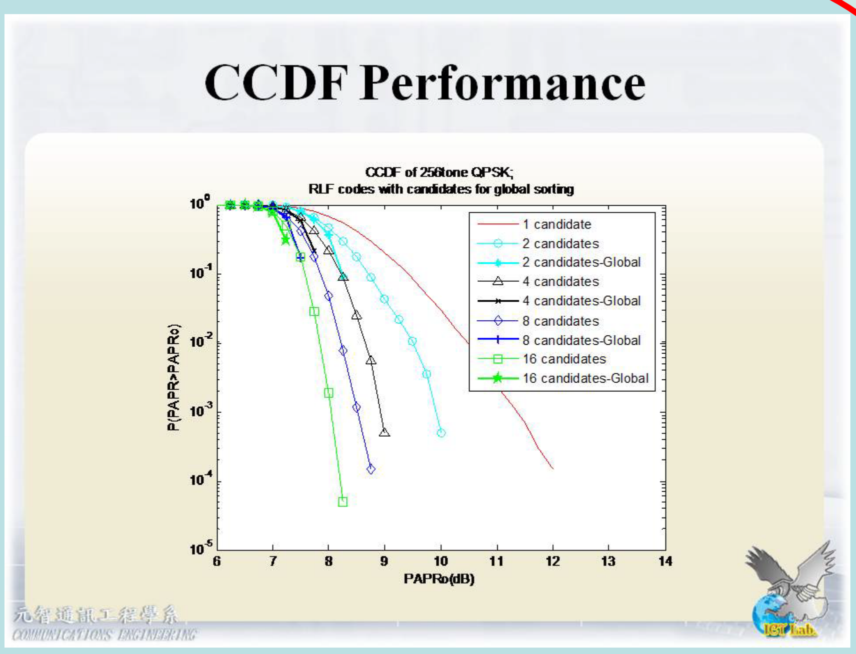
DPC for LTE CoMP

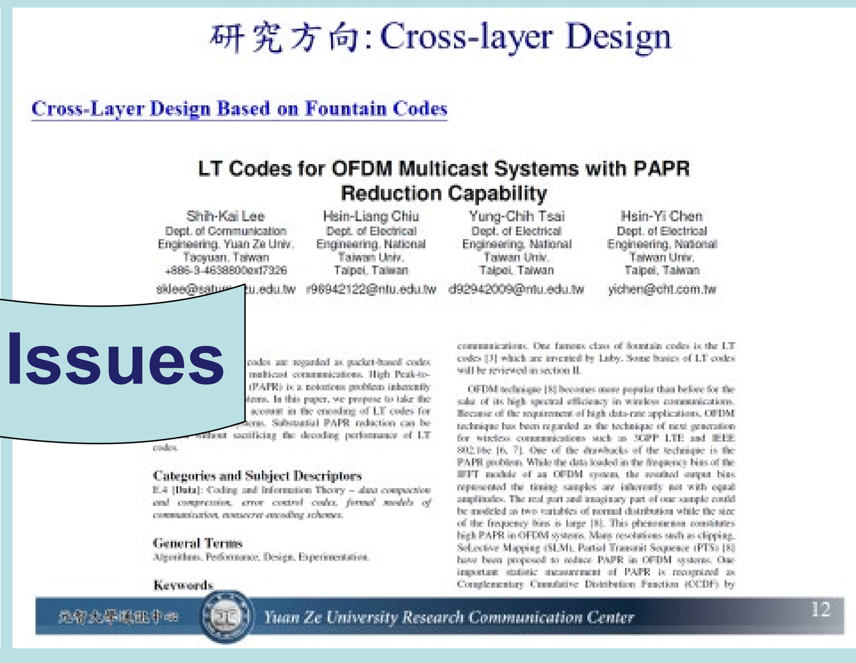




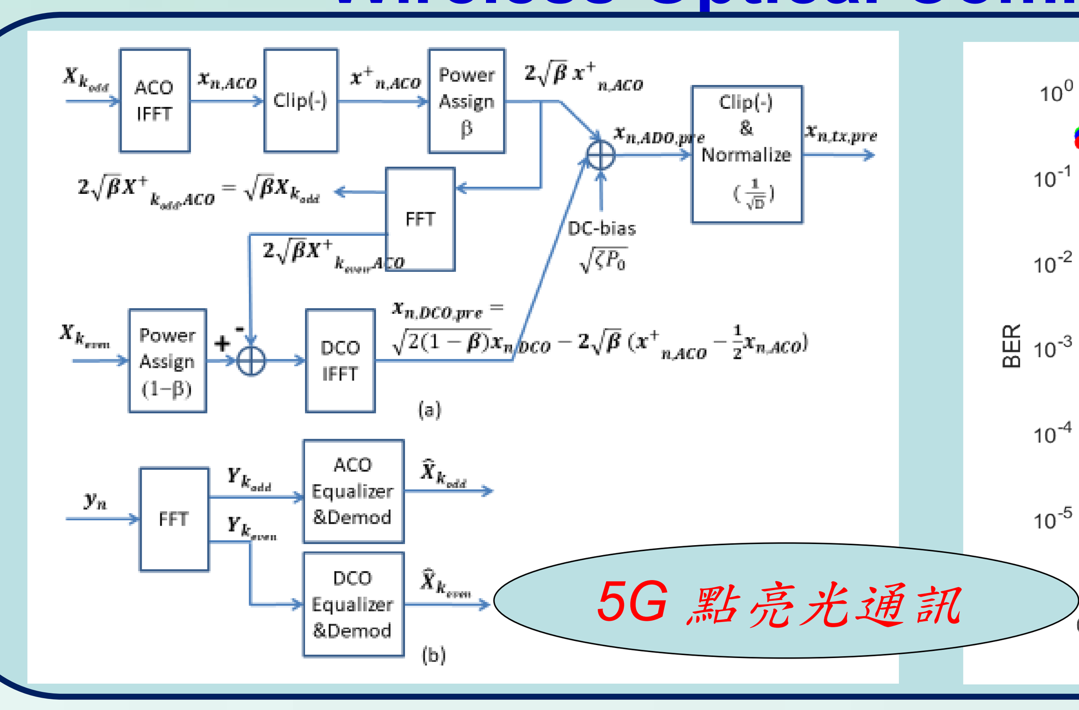
Cross-Layer Design

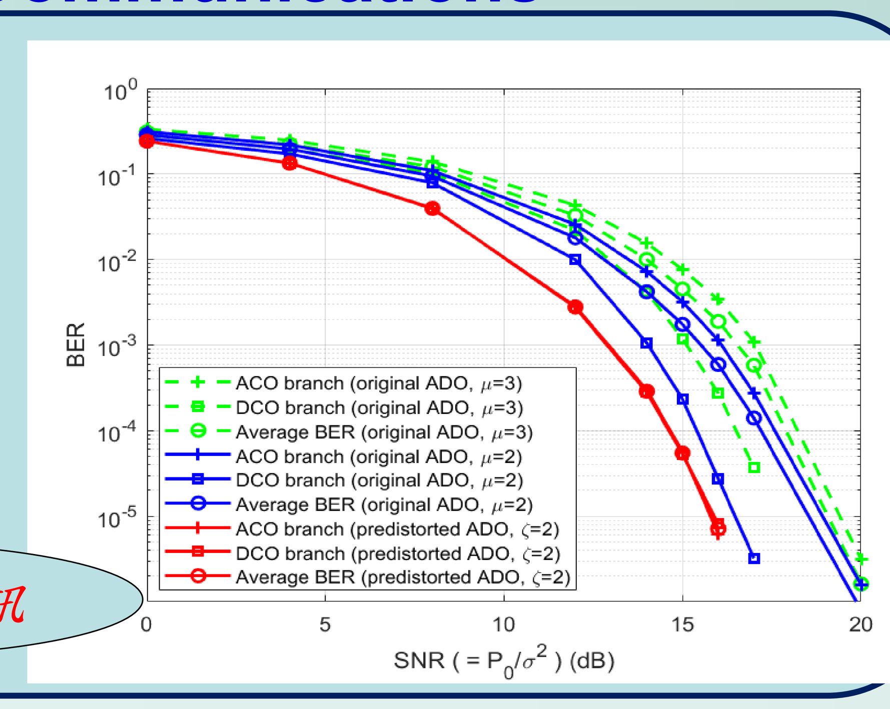






Wireless Optical Communications





Programming