

EEE 545 Telecommunication Engineering

Cable telegraphy and telephony characteristics cross talk equation poleliness aerial and underground cables. Telegraph system codes radio system terminal equipment (teleprinters, relays switching systems, repeaters). Telephone receivers, switching (crossbar, electronic switches) PBX, PABX, Transmission standards, telephone network structure.

Data Transmission, Multiplexing (FDM, TMD etc) systems, Multiple Access Methods (FDMA, TDMA, CDMA etc). Satellite communication system, earth stations for international telephony and television. Broadband communication. GSM and Internet Technology.