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2.8.2 Small-Scale Fading 2.8.3 Flat Fading; 2.8.4 Frequency-Selective Fading; 2.8.5 Fast Fading; 2.8.6 Slow Fading; 2.9 Signal Fading Statistics; 2.9.1 Rician Distribution; 2.9.2 Rayleigh Distribution; 2.9.3 Log-Normal Distribution; 2.10 Interference; 2.10.1 Inter-Symbol Interference; 2.10.2 Co-Channel Interference; 2.10.3 Adjacent Channel Interference; 2.11 Noise; 2.11.1 Noise in a Two-Port Circuit; 2.11.2 Thermal Noise; 2.11.3 White Noise; 2.11.4 Flicker Noise; 2.11.5 Phase Noise; 2.11.6 Burst Noise; 2.11.7 Shot Noise; 2.11.8 Avalanche Noise; 2.11.9 Noise Figure (NF); Further Reading
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Sommario/riassunto

The evolution of mobile communication standards presents numerous challenges in mobile handset design. Designers must continue to turn out handsets that maintain high device performance and air interface compatibility, while at the same time shrink power consumption, form factors, and costs. Mobile Handset Design is uniquely written to equip professionals and students with a complete understanding of how a mobile phone works, and teaches the skills to design the latest mobile handsets. Das walks readers through mobile phone operating principles, system infrastructure, TDMA-FDMA-CD
