

# Electromagnetics For Engineers 2005 Fawwaz Tayssir Ulaby

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offers the only consolidated reference on radar polarimetry design analysis and application and explains the most recent development in polarization system design and application illustrated with 150 figures 10 tablets and 9 full color sar images

monumental as a compilation of the present engineering state of the art of microwave remote sensing international journal of remote sensing

bridging the gap between electric circuits and electromagnetics this text leads students from familiar concepts into more advanced topics and applications earlier and heavier emphasis on dynamics permits coverage of practical applications in communication systems radar optics and solid state computers coverage begins with transmission lines a natural bridge between familiar circuits material and new electromagnetics material unlike other texts relatively more time is spent on dynamics than statics allowing coverage of applications of time varying fields in the first semester this text also covers optical fibres in wideband communication and optical imaging by mirrors and lenses

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