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552 Electromagnetic pressures acting on permeable and dielectric media 145 56 Photonic forces 147

EP464 Course Outline - University of Saskatchewan

EP464 Course Outline Instructor: A Hirose, Room 66, akirahirose@usaskca References: Ramo-Whinnery-van Duzer, Fields and Waves in Communication Electronics, 3rd ed (Wiley, New York, 1994) PDF (66 MB) can be downloaded from the page of Note menu

Electromagnetic waves - Harvard University

Electromagnetic waves David Morin, morin@physicsharvardedu The waves we’ve dealt with so far in this book have been fairly easy to visualize Waves involving springs/masses, strings, and air molecules are things we can apply our intuition to But we’ll now switch gears and talk about electromagnetic waves These are harder to get

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4 S Ramo, J R Whinnery and T Van Duzer,Fields and Waves in Communication Electronics, John Wiley & Sons, New York (1965), pp 330-332 Appendix II SPICE Frequency Domain Losses from Loss Models Conductor losses only, for a 50 ohm 22 AWG coax 05 meters long Conductor and dielectric losses for a 50 ohm 22

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References - Rutgers ECE

REFERENCES 1337 [65] L S Taylor, “Gallery of Electromagnetic Personalities: A Vignette History of Electromagnetics,” see web site Ref [1825]

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