Microwave Engineering

A.R. Đorđević and D.V. Tošić, *Microwave Engineering*, Academic Mind, Belgrade, 2006 (in Serbian).

This textbook is prepared for the Microwave Engineering course, which is taught at the third or fourth year (at the bachelor level) at the School of Electrical Engineering, University of Belgrade. The course has 3 hours of lectures, 1 hour of recitations, and 1 hour of lab per week, during 15 weeks of a semester. Prerequisite for the course is the Electromagnetic Field course

The textbook is a standalone and self-contained book at introductory level, targeted at communications engineering curricula. The book covers various topics of microwave theory and techniques, including the analysis of guided-wave propagation, Smith chart, classical and planar transmission lines, metallic waveguides, ferrites, scattering parameters, microwave electronic components, and antennas in their practical aspects.

Major titles in the textbooks are as follows: