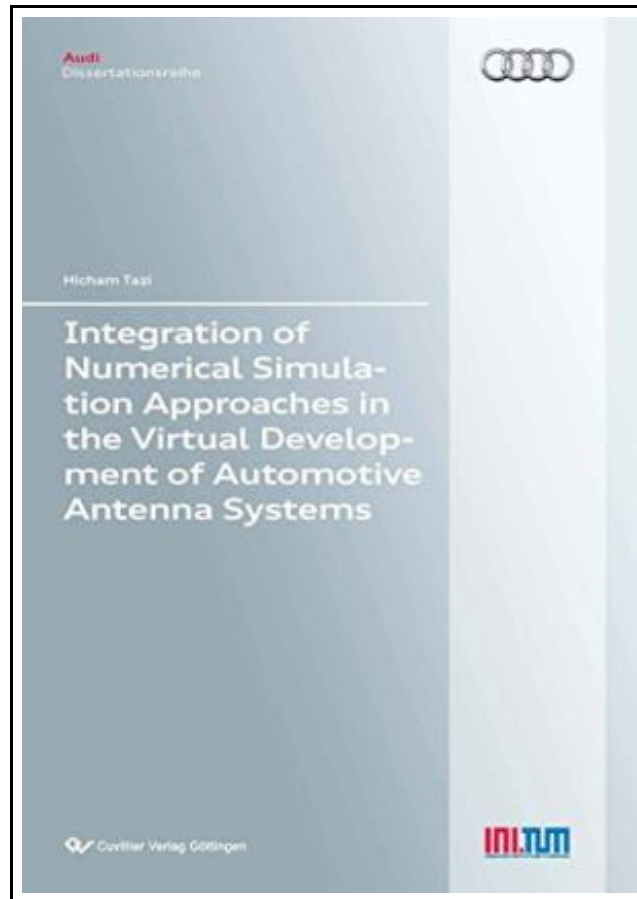


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Cuvillier Verlag Nov 2012, 2012. Taschenbuch. Book Condition: Neu. 211x152x17 mm. Neuware - The focus of the presented investigations in this thesis is related to on glass printed antennas for a wide frequency band starting from 100 kHz up to 900 MHz. Different numerical methods based on the Method of Moments are compared to present a solution for virtual antenna development. To compare the proposed approaches, simulations using each one were performed. Furthermore, important details for antenna system and antenna environment modelling, especially those related to ground and antenna amplifiers are given. Also, keyless systems operating at low frequencies as well as roof antenna systems operating at very high frequencies beyond 700 MHz are investigated. All proposed virtual processes are validated by measurements. Valuable computation time can be saved as shown in this work by choosing adequate algorithms. 209 pp. Deutsch.



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