



# Integration of Numerical Simulation Approaches in the Virtual Development of Automotive Antenna Systems

By Hicham Tazi

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.

DOWNLOAD



READ ONLINE  
[ 3.41 MB ]

## Reviews

*A top quality publication along with the typeface utilized was intriguing to read through. It is amongst the most awesome pdf i have got read through. Its been developed in an remarkably straightforward way and it is only right after i finished reading this publication in which actually altered me, modify the way i believe.*

-- **Don Pacocha**

*I just started out reading this ebook. I could comprehended every little thing out of this written e book. I am pleased to inform you that this is actually the very best publication i have read through inside my personal life and could be the best ebook for ever.*

-- **Antonia Orn IV**

## You May Also Like

---



### **Shadows Bright as Glass: The Remarkable Story of One Man's Journey from Brain Trauma to Artistic Triumph**

Free Press. Hardcover. Book Condition: New. 1439143102 SHIPS WITHIN 24 HOURS!! (SAME BUSINESS DAY) GREAT BOOK!!.

---



### **My Life as an Experiment: One Man's Humble Quest to Improve Himself by Living as a Woman, Becoming George Washington, Telling No Lies, and Other Radical Tests**

SIMON SCHUSTER, United States, 2010. Paperback. Book Condition: New. Reprint. 212 x 138 mm. Language: English . Brand New Book. One man. Ten extraordinary quests. Bestselling author and human guinea pig A. J. Jacobs puts his life to the test and reports...

---



### **Born Fearless: From Kids' Home to SAS to Pirate Hunter - My Life as a Shadow Warrior**

Quercus Publishing Plc, 2011. Hardcover. Book Condition: New. No.1 BESTSELLERS - great prices, friendly customer service â" all orders are dispatched next working day.

---



### **Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625)**

Proquest, Ebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you can. Digitally preserved and previously accessible...

---



### **Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)**

Proquest, Ebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you can. Digitally preserved and previously accessible only...

---



### **The About.com Guide to Baby Care A Complete Resource for Your Baby's Health Development and Happiness by Robin Elise Weiss 2007 Paperback**

Book Condition: Brand New. Book Condition: Brand New.

---