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He is the author of the book "Printed MIMO Antenna Engineering," Artech House, 2014. He has 8 book chapters in Antenna design and RF Engineering. His research interests include Printed and MIMO Antenna design and characterization, Applied Electromagnetics and RF system design.

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220 IEEE Antennas and Propagation Magazine, Vol. 55, No. 5, October 2013 In this article, we will briefly go over the performance metrics that are required to characterize the behavior of MIMO antennas. We then will present some of the latest printed multi-

Printed Multi-Band MIMO Antenna Systems and Their

3School of Electrical System Engineering, Universiti Malaysia Perlis (UniMAP), Kuala Perlis, Perlis 02000, Malaysia Abstract|This paper proposes a compact printed ultra-wideband (UWB) multiple-input-multiple-output (MIMO) antenna with a

A MIMO ANTENNA DESIGN CHALLENGES FOR UWB APPLICATION

For MIMO, diversity systems and similar multi-antenna techniques to work effectively there must be more than one radio receiver output (for the receiving case) and the outputs must be significantly different, i.e. the signals are uncorrelated and vary independently.

Antenna designs for MIMO systems - Oregon State University

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reasonably isolated $S_{mn} \sim 0$, then linear

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2013 7th European Conference on Antennas and Propagation (EuCAP) Design of A Printed Multiband MIMO antenna Di wu1, S.W.Cheung 2, T.!. Yuk 2 and L. Liu

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Figure 5.1 shows the schematic view of the proposed MIMO antenna system. The MIMO system consists of two dipole-like radiators placed orthogonal to each other and printed on the opposite sides of a dielectric substrate.

Printed Antennas for MIMO: Exploitation of Pattern

2013 7th European Conference on Antennas and Propagation (EuCAP) Design of A Printed Multiband MIMO antenna Di w1, S.W.Cheung 2 , T.!.

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