



Compact Fractal Monopole Antenna with Defected Ground Structure

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Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | This book is very useful for the beginners, who wants to know the fractal structures in the field of antennas. How to design fractal antenna using commercial EM Tools is given clearly in this book. A monopole antenna with defected ground structure is proposed in this work and the design steps are clearly placed in the sequential order. This work presents a novel fan wing shaped uniform one dimensional fractal pattern antenna. The proposed antenna consisting of different inverted L-shaped elements to form a fan wing shaped structure. The design model achieved huge bandwidth characteristics with average gain of 4 dB. The simple structure of the proposed antenna with light weight makes it appropriate for many wireless communication applications. | Format: Paperback | Language/Sprache: english | 112 pp.



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