



Fractal Antenna:

By Bhanarkar, Muralidhar / Waghmare, Ganesh

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Introduction, Mathematical Validation and Characterisation | This book is more useful for the study of fractal antenna researchers. Fractal antenna is merely useful for the miniaturization of wireless communication system. Portable antennas are required to fit for today digital equipment. The antenna is the most important element in the field of a wireless system to transmit and receive the electromagnetic radiations. Fractal is the miniaturized antenna uses iterative function system to create fractal element at a reduced size. A fractal antenna is that uses a fractal, self-similar design to maximize the length or increase the perimeter of material that can receive or transmit electromagnetic radiation within a given total surface area or volume. Fractal is the new emerging technology which is not only useful in the field of antenna engineering but also prove its existence in medical, agriculture, image processing, mathematics etc. fractal antenna is defined as the self-similar geometry which is reduced size copy of the original structure. The present work is carried out to designed tree structures for WIFI, Wi-Max, Bluetooth, Mobile, and ISM band wireless application. | Format: Paperback | Language/Sprache: english | 124 pp.



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