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### **Dipole antenna - Wikipedia**

In radio engineering, an antenna is the interface between radio waves propagating through space and electric currents moving in metal conductors, used with a transmitter or receiver. In transmission, a radio transmitter supplies an electric current to the antenna's terminals, and the antenna radiates the energy from the current as electromagnetic waves (radio waves).

### **Antenna (radio) - Wikipedia**

SCU Center for Analog Design and Research Microstrip Patch Antenna Design Principles Ben Horwath

### **Microstrip Patch Antenna Design - Santa Clara University**

Electrical engineering alumnus Lennox Hoyte '79 found his life's work at the intersection of healing and engineering: developing predictive models, informed by high-tech imaging and big data algorithms, that can help women make informed choices about their medical care.

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Putting your first ham radio station together can be an expensive proposition. One way to cut costs is to keep the antenna simple. Here's how WB1FSB shaved the price and provided four band operation. PDF File

### **A Novice Multiband Vertical Antenna - Ham Radio Library**

Dimensions for the inverted V antenna from 160 to 2 meters by N6JSX. InvertedVant.PDF, Inverted V antenna; print

### **The Inverted V antenna - Ham Radio Library**

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MATLAB Toolbox . The text makes extensive use of MATLAB. We have developed an "Electromagnetic Waves & Antennas" toolbox containing about 200 MATLAB functions for carrying out all of the computations and simulation examples in the text.

## **Electromagnetic Waves and Antennas - Rutgers University**

Lectures on Theory of Microwave and Optical Waveguides Weng Cho CHEW 1 Fall 2012 1 updated December 11, 2012

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6 Long-Wire Notes design development. The effectiveness of computer design and analysis techniques has perhaps proved itself most vividly in the present generation of Yagi antennas.

## **Long-Wire - KC7HXC WebSite**

WDBN version 0.92 9/24/96 p. 1 of 131 NEC-2 Manual, Part III: User's Guide Microsoft Word/Macintosh 5.1a formatted binary document (WDBN) version,

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The Wiley Encyclopedia of Electrical and Electronics Engineering is a unique, comprehensive reference work that defines the entire discipline, bringing together the core knowledge from every one of the many specialties encompassed by electrical and electronics engineering. With over 1,800 articles, it is the ideal starting point for research projects, whether addressing basic questions in ...

## **Wiley Encyclopedia of Electrical and Electronics**

Theory and construction of multiband antennas that cover multiple entire harmonic HF bands without the need for a tuner.

## **Multiband HF Center-Loaded Off-Center-Fed Dipoles**

Analysis. MMANA optimization shows a constant of 474 (not 468) using 14.175 MHz and actual section radii. For multiband use, MMANA shows the best feedline to be 450-ohm ladder, side-fed, which will produce a wide SWR curve from 14 to 29 MHz, between 5:1 and 3:1, respectively.

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problems in the study of coupled systems, their dynamics, as well as associated phenomena and processes.

### **Journal of Coupled Systems and Multiscale Dynamics**

Una antenna, nelle telecomunicazioni, è un dispositivo elettrico atto a trasmettere e/o ricevere onde elettromagnetiche: le antenne forniscono al ricevitore un segnale elettrico proporzionale al campo elettromagnetico in cui sono immerse, oppure viceversa irradiano, sotto forma di campo elettromagnetico, il segnale elettrico fornito loro da un trasmettitore.

### **Antenna - Wikipedia**

To take a practical example, the appendix to <http://www.qsl.net/n1bwt/chap5.pdf> describes the calculation of the focal length of an offset dish by measuring three ...

### **Calculation of the Focal Length of an Offset Satellite**

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### **Communications :: Science Publishing Group**

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### **Titanium Dioxide For Coatings - The Chemours Company**

Scientific Literature. Updated 2/23/19. 5th Generation (5G) Telecommunications Uses Gigahertz (GHz) Millimeter Sized Wavelengths. The Telecommunications Industry promises fast, ubiquitous and unlimited mobile internet access with the next generation of 5G technologies by 2020, along with removal of landlines. This network is designed to provide faster downloads, streaming movies, wireless ...

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