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An intuitive tutorial of antennas and antenna theory. This website is designed to present a comprehensive overview of antennas, from design, to measurement and theory. Unnecessarily complicated math is avoided throughout.

The Antenna Theory Website

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

In radio and telecommunications a dipole antenna or doublet is the simplest and most widely used class of antenna. The dipole is any one of a class of antennas producing a radiation pattern approximating that of an elementary electric dipole with a radiating structure supporting a line current so energized that the current has only one node at each end.

Dipole antenna - Wikipedia

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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

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este câmpul electric radiat de antenă dacă nu există pământ. is the electrical field radiated by the antenna if there were no ground. = este numărul de unde. este lungimea de undă.; este distanța dintre antenă și imaginea sa (de două ori raza înălțimea de la centrul antenei).

Antenă (radio) - Wikipedia

[ihtik.lib.ru] Wiley Publishing (1910, 20,9 GB

[ihtik.lib.ru] Wiley Publishing (1910, 20,9 GB

Existen tres tipos básicos de antenas: antenas de hilo, antenas de apertura y antenas planas. Asimismo, las agrupaciones de estas antenas (arrays) se suelen considerar en la literatura como otro tipo básico de antena.

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