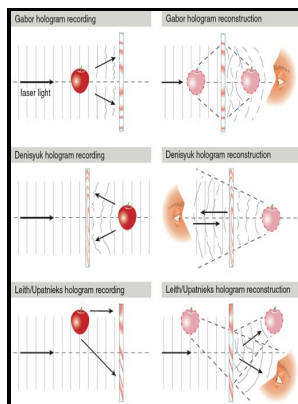


Radar imaging and holography

Institution of Electrical Engineers - Holographic Radar Imaging



Description: -

- Holography

Radar targets

Imaging systems

RadarRadar imaging and holography

- IEE radar, sonar and navigation series -- 19Radar imaging and holography

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Radar Imaging and Holography

This makes it possible to extract the size, coordinates and radar cross-section of individual scattering centres.

Radar Sonar And Holography An Introduction PDF Book

In solving the problem of practical holography, he changed the future of imaging technology, and affected millions of lives. The brighter component is the primary star, or the mass donor. This study investigated the ability of microwave holography to accurately reconstruct the tissue structure of the human body.

Emmett Leith (1927

Phase shifting technology has been adapted to a variety of interferometer types such as Twyman—Green, Mach—Zehnder, laser Fizeau, and even common path configurations such as point diffraction and lateral shearing interferometers.

Cylindrical holographic radar camera

If a mode-locked laser is modulated to form a train of pulses, its spectrum is seen to consist of the carrier frequency surrounded by a closely spaced comb of optical frequencies with a spacing equal to the pulse repetition frequency Fig. Any and all such liability is disclaimed.

Figure 16 from The Holographic Principle in Subsurface Radar Technology

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Figure 16 from The Holographic Principle in Subsurface Radar Technology

This light is divided into a reference wave and an illumination wave in a semi-transparent mirror.

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