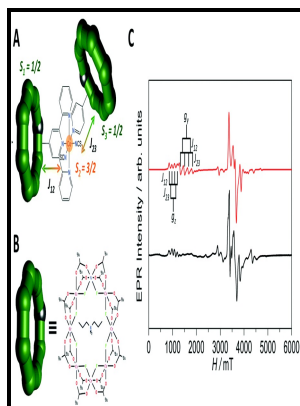


# Electron spin resonance - a comprehensive treatise on experimental techniques

Interscience Publishers - Electron Spin Resonance in Semiconductors



Description: -

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Standard model (Nuclear physics) -- Congresses.  
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Electron paramagnetic resonance. Electron spin resonance - a comprehensive treatise on experimental techniques  
- Electron spin resonance - a comprehensive treatise on experimental techniques  
Notes: Includes bibliographies.  
This edition was published in 1967



Filesize: 4.49 MB

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DPPH

It is for this reason that in the case of the microwave resonator 10 according to the invention the coupling loop 14 moves jointly with the screening 17 relative to the ring 11 if the coupling conditions are to be varied.

Poole, Charles P. [WorldCat Identities]

Specific Features of a High-Frequency Electron Paramagnetic Resonance Spectrometer with Frequency Modulation. These installations are then followed by a long central section whose length is selected in such a way that a resonator section located at the lower end can be introduced between pole shoes of a laboratory magnet without this action being obstructed by the normally protruding upper end which is considerably larger than the lower resonator section.

Links

Lashkaryov Institute of Semiconductor Physics NAS of Ukraine. Microwave Spectroscopy: Wiley, New York, 1954. In the area of the thread 82, the sample tube 33a is provided with an internal, conically tapering centering portion 83 terminating at the bottom by a guide section 84 of reduced diameter, which latter is then followed by an internally conical section 85 opening up again toward the bottom.

**Quantitative electron paramagnetic resonance (EPR) spectrometry with a TE104 double rectangular cavity Part 1. A simple alignment procedure for the precision positioning of the sample**

This means that the space available is very limited. Spectroscopic and Group Theoretical Methods in Physics: North Holland Publishing Co.

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Journal of Applied Spectroscopy, 81 3 , 355-359.

## **Resonator arrangement for electron spin resonance spectroscopy**

The knurled nut 74 can be screwed against the combined pivot and sliding bearing 73 in order to thereby fix the threaded spindle 72 in axial direction.

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