

SPECTROELECTRIC

Meaning: Spectroelectric refers to the analysis or measurement of the electrical properties of materials in relation to their interaction with electromagnetic radiation, often used to study charge transfer processes in semiconductors and nanotechnology.

1. The researchers conducted a spectroelectric analysis to determine the material properties of the new semiconductor.
2. In the field of nanotechnology, spectroelectric measurements can provide insights into charge transfer processes.
3. The spectroelectric effect plays a crucial role in advancing our understanding of photovoltaic systems.
4. By applying a spectroelectric approach, the scientists were able to enhance the sensitivity of their sensors.
5. The novel device utilized spectroelectric techniques to achieve unprecedented levels of precision in energy conversion.

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