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Spectral Detection Technology, Sensors and Instruments

Edited by
Qing Yu
Ran Tu
Ting Liu
Lina Li

Spectral detection technology has always been a research hotspot in the field of precision measurement. It can not only obtain the spectral characteristics of the measured object, but also obtain the topography of samples through hyperspectral and multispectral. It is widely used in national defense, space remote sensing, biomedicine, disaster monitoring, and many engineering fields. In recent years, with the development of technology, intelligent manufacturing and environmental protection have attracted worldwide attention, which extends the application of spectral detection technology to new dimensions. The Special Issue of Sensors titled "Spectral Detection Technology, Sensors and Instruments" collected the latest progress of spectral technology. These studies collectively advance the field of spectral analysis and detection technology, offering valuable insights and methodologies poised to drive further research and innovation.

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