

SELF-COORDINATED METHOD  
FOR SEPARATION OF OPTICAL  
FUNCTION SPECTRA INTO COMPONENTS

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S u m m a r y

Self-coordinated method to separate complicated contours of optical spectra into components which is based on Van Hove singularities is proposed. Using this method, the modeling of real  $\varepsilon_1$  and imaginary  $\varepsilon_2$  parts of the complex dielectric function  $\varepsilon$  of  $\text{Cs}_3\text{Bi}_2\text{I}_9$  single crystals is performed. The modeling parameters of critical points for experimental reflectance spectra are determined that give the possibility to interpret the band structure of  $\text{Cs}_3\text{Bi}_2\text{I}_9$  single crystals.