



Journal of Applied Spectroscopy

1990, Volume 52, Issue 6, pag. 625-628

Absorption edge and dispersion of the refractive index of arsenic-sulfur-germanium layers with an increased sulfur concentration

Tsiulyanu D. I., Gumenyuk N. A.

<https://doi.org/10.1007/BF00662198>

Abstract

The interest in the optical properties of glassy materials of the As-S-Ge system and thin layers based on them has increased recently owing to the development of electro-optics and integrated optics. These materials form over a broad range of concentrations of the component elements, making it possible to regulate their properties by varying the composition.