

Determination of the Electrical Parameters of the GaS Thin Film

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In this work, the electrical conductivity, volt-ampere characteristics of GaS thin film obtained by thermal evaporation on clean glass were studied before and after gamma irradiation, thermal annealing temperature, and their electrical parameters were determined. The changes in the values of the electrical parameters were compared.

Key words: thin film, electrical conductivity, radiation, charge carrier, volt-ampere characteristic