

Abstracts

Survey of Ferrimagnetic Materials - State of the Art

G.R. Harrison. "Survey of Ferrimagnetic Materials - State of the Art." 1970 G-MTT International Microwave Symposium Digest of Technical Papers 70.1 (1970 [MWSYM]): 325-326.

Magnetic ceramics of the ferrimagnetic structure are widely used in the microwave field. Many types are used so little attempt will be made here to cover all aspects of microwave ferrimagnetic ceramic materials. Three basic types or classes of magnetic crystal structures have found wide application in microwave components. These three classes of ferrimagnetic oxides are ferrites (spinels), garnets, and hexagonal materials. Each of these types contains families of completely different compositions, all of which possess their unique properties and characteristics applicable to microwave uses.

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