Fig. 8. Experimental curves of polarization characteristics as a function of field strength for Dixon and Acheson Graphites.

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Computer Generated Holography

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ABSTRACT : The article reviews the state of art of the computer generated holography. Sec. 2 deals with the various coding schemes to record both the amplitude and phase of the field at the hologram plane. Special emphasis is given to those coding schemes which are used for the generation of binary holograms. The theory of discrete Fourier transform 'DFT) hologram and its optical reconstruction are treated in Sec. 3- The introdtioo of randomizer in front of the object while computing the D.F.T. and its influence on the reconstructed image have been discussed. Sec. 4 contains some of the major applications of the computer generated