



Electroluminescent Display with Picture Storage

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Memory cells, composed of PC and EL thin film elements, have been utilized to designing of a display with picture storage. Such a picture storing electroluminescent display may prove competitive with used now picture storing methods in the digital form. A mathematical model suitable for analysing the properties of a PC-EL system is proposed and the preparation of PC and EL thin film elements is described. For a single pixel the dependences of output signal on the time for various values of amplitude and frequency of supplying voltage are presented.

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