

# Observation of microwave conductivity in copper iodide films and relay effect in the dye molecules attached to CuI photocathode

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## Abstract

Microwave conductivity and two channels of recombination process were observed in the CuI films. Spin orbital splitting resulted in split in the valence band of CuI. The dye molecules attached to the CuI film act as an electron mediator in addition to the sensitization process under back wall-mode illumination.

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