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Three Dimensional Color Pictures by Projection

G. W. Fox
Iowa State College

THE DESENSITIZATION OF PHOTOGRAPHIC EMULSIONS BY VARIOUS AGENTS AT DIFFERENT WAVELENGTHS OF LIGHT

HOMER MOUDEN

A study of the effectiveness of the organic compounds Pinakryptol yellow, Pinakryptol green, Phenosafranine, and Safranine as desensitizers for photographic emulsions; and the affect of the desensitizers to different wavelengths of light as obtained by exposure through the Wratten filters numbers 78, 58, 47, and 25.

DEPARTMENT OF PHYSICS,
IOWA STATE COLLEGE,
AMES, IOWA.

THREE DIMENSIONAL COLOR PICTURES BY PROJECTION

G. W. Fox

With the production of a cheap polarizing material stereoscopic projection of color pictures is a reality. The technique of projection by both the transmission and reflection methods will be demonstrated.

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AMES, IOWA.

THE DIELECTRIC CONSTANT OF GASES AT ULTRA-HIGH FREQUENCIES

ALDEN H. RYAN

The heterodyne beat method has been applied to the measurement of the dielectric constant of gaseous NH_3, N_2, and CO_2, using a frequency of 56,000,000 cycles per second.

Special precautions were found necessary to prevent frequency drift and synchronization of the oscillating circuits.

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