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Double-Slit X-Ray Dynamical Diffraction in the Transmitted Beam [Рентгеновская динамическая дифракция на двух щелях в проходящем пучке]

A. P. Aivazyan, M. K. Balyan, S. A. Petrosyan, V. P. Mkrtchyan

Journal of Contemporary Physics (Armenian Academy of Sciences) 2025 101-107

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Investigations of the Structure and Morphology of CsPbBr₃ Films Deposited by Vacuum Thermal Evaporation [Исследования структуры и морфологии пленок CsPbBr₃, осажденных методом вакуумного термического испарения]

L. A. Matevosyan, S. A. Petrosyan, V. P. Mkrtchyan, A. P. Aivazyan, V. S. Harutyunyan

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Статья

X-ray dynamical diffraction wavefront division interferometer (double-slit diffraction) with an asymmetric monochromator

Vahram Mkrtchyan, Minas Balyan, Sargis Petrosyan, Ashot Aivazyan

Acta Crystallographica A-Foundation and Advances 2025 438-448

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Measurements of the geometrical characteristics and refractive index of specimens made with X-ray interferometers

Vahram Mkrtchyan, Ashot Aivazyan, Sargis Petrosyan, Minas Balyan

Journal of Applied Crystallography 2024 499-502

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Investigation of structural and optical properties of CsPbBr₃ films synthesized by single-source vacuum evaporation method

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Конференция

Double-Slit X-ray Dynamical Diffraction in the Transmitted and Diffracted Beams

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