

## Publications

---

### *Article*

#### **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

---

### *Article*

#### **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

---

### *Article*

#### **Investigation of structural and optical properties of CsPbBr<sub>3</sub> films synthesized by single-source vacuum evaporation method**

Valeri Harutyunyan, Lenrik Matevosyan, Vahram Mkrtchyan, Gayane Pluzyan, Sargis Petrosyan,

Anna Tokmajyan

IET Conference Proceedings 2024 38-41/208333

---

### *Conference*

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

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

---