

## Publications

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*Article*

**Electromagnetic wave propagation in spatially homogeneous yet smoothly time-varying dielectric media**

Armen G. Hayrapetyan, Jörg B. Götze, Karen K. Grigoryan, Stephan Fritzsche, Rubik G. Petrosyan

Journal of Quantitative Spectroscopy & Radiative Transfer 2016 158-166

<http://www.journals.elsevier.com/journal-of-quantitative-spectroscopy-and-radia...>

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*Article*

**Kapitza-Dirac effect with traveling waves**

Armen G. Hayrapetyan, Karen K. Grigoryan, Jörg B. Götze, Rubik G. Petrosyan

New Journal of Physics 2015 082002.1-082002.

<http://iopscience.iop.org/journal/1367-2630>

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*Conference*

**Neutrons diffraction on periodic structures in the presence of external electromagnetic field**

Vardan Martikyan, R.G. Petrosyan, A.S. Kotanjyan

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