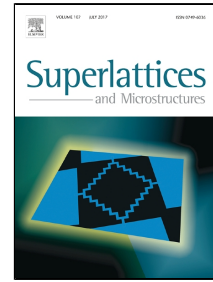


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All-Optical Half-Subtractor with Low-Time Delay Based on Two-Dimensional Photonic Crystals

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Optical logic gates are a suitable basis for design of optical integrated circuits.

In this study, All-Optical Half-Subtractor Based on Two-Dimensional Photonic Crystals was designed.

The proposed Half-Subtractor has a small size, low time delay and then high bit rate.

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