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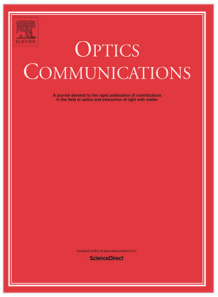

Asymmetric encryption of multiple-image based on compressed sensing and phase-truncation in cylindrical diffraction domain

Chao Wu, Ying Wang, Ye Chen, Jun Wang, Qiong-Hua Wang

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Highlights

The proposed method is free of phase-retrieval attack and information leakage.
First time to apply the cylindrical diffraction to optical multiple-image encryption.
The problem of large amount of data in the multiple-image encryption system has partly been solved to a certain extent.
Encrypting up to eight images, which is a large encryption capacity.