MODELING THE HYPERGEOMETRIC LASER BEAM PROPAGATION USING
PARALLEL COMPUTING ON MULTI-KERNEL ARCHITECTURES

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Numerical comparison of properties of the ideal infinite hypergeometric modes and their bounded analogs is made. The potentialities of diffractive optics methods in generating the hypergeometric modes are examined.

Hypergeometrical modes, diffractive optical element, weakly diverging beam, the software of an estimation of experimental data

References


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