

Abstract Submitted
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Experimental realization of Coherent Perfect Rotation in TGG
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versity — Coherent Perfect Rotation is the reversible generalization of the anti-laser
process that can occur in optical systems with Faraday rotation. We describe the
first experiment to verify CPR using a TGG resonator, and give an assessment of
the experimentally achievable contrast ratio of the CPR resonance and remark on
its utility in optical devices and related future experiments.

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