Abstract Submitted for the OSS14 Meeting of The American Physical Society

New optical settings contrast Coherent Perfect Phenomena MICHAEL CRESCIMANNO, CHUANHONG ZHOU, MICHAEL BAKER, JAMES ANDREWS, Department of Physics and Astronomy, Youngstown State University — Studying the two most popular coherent perfect phenomenon (the anti-laser and CPR) in diverse optical settings highlights the distinct role that reversibility plays in the underlying physical process. We report recent theoretical results that test these differences and suggest technology opportunities for improving optical devices and sensors.

> Michael Crescimanno Department of Physics and Astronomy, Youngstown State University

Date submitted: 14 Mar 2014

Electronic form version 1.4