

Abstract Submitted
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EIT intensity noise spectroscopy power-broadening and level structure CHARLES SNIDER, MICHAEL CRESCIMANNO, Dept. of Physics, Youngstown State U., SHANNON OLEARY, Dept. of Physics, Lawrence U. — One particularly interesting (and potentially technologically useful) characteristic of EIT coherence as viewed through intensity noise spectroscopy is its power-broadening resistant features. We detail a connection between the power broadening behavior and the underlying level structure by solving a more realistic quantum optics scenario modeled on recent experiments.

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