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Search or Article-id (Help | Advanced search) arXiv.org > nlin > arXiv:1106.0008 All papers Go! Ŧ Nonlinear Sciences > Adaptation and Self-Organizing Systems Download: PDF A Model of Opinion Dynamics with PostScript Other formats **Bounded Confidence and Noise** Current browse context: nlin.AO P. Nyczka < prev | next > new | recent | 1106 (Submitted on 31 May 2011) Change to browse by: This paper introduces a new model of continuous opinion dynamics with nlin random noise. The model belongs to the broad class of so called bounded confidence models. It differs from other popular bounded confidence models **References & Citations** by the update rule, since it is intended to describe how the single person can NASA ADS influence at the same time a group of several listeners. Moreover, opinion noise is introduced to the model. Due to this noise, in some specific cases,

noise is introduced to the model. Due to this noise, in some specific cases, spontaneous transitions between two states with a different number of large opinion clusters occur. Detailed analysis of these transitions is provided, with MC simulations and ME numerical integration analysis.

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