

## Time evolution of phase coherence in MHD turbulence

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We discuss time evolution of phase coherence among nonlinearly interacting MHD waves by numerically time integrating the DNLS (Derivative Nonlinear Schrodinger) equation with source and damping terms. Our previous study shows that there exists finite phase coherence among large amplitude MHD waves in the solar wind. By analyzing the simulation result, we attempt to discuss origin and consequences of the observed phase coherence.