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Wavelet transforms and their applications to MHD and plasma turbulence: a review

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Abstract

Wavelet transforms are used to study the dynamics of the velocity field in magnetohydrodynamic (MHD) turbulence. We show that the wavelet transform of the velocity field is a good indicator of the presence of singularities in the velocity field. We also show that the wavelet transform of the velocity field is a good indicator of the presence of singularities in the velocity field. We also show that the wavelet transform of the velocity field is a good indicator of the presence of singularities in the velocity field.

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