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Mathematical Physics

A New Viewpoint to the Discrete Approximation: Discrete Yang-Fourier Transforms of Discretetime Fractal Signal

Xiao-Jun Yang

(Submitted on 6 Jul 2011 (v1), last revised 23 Jul 2011 (this version, v2))

It is suggest that a new fractal model for the Yang-Fourier transforms of discrete approximation based on local fractional calculus and the Discrete Yang-Fourier transforms are investigated in detail.

| Comments: | Key words: local fractional calculus, fractal, Yang Fourier transforms, discrete approximation, discrete Yang-Fourier transforms corrected section |
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Subjects: Mathematical Physics (math-ph); Chaotic Dynamics (nlin.CD)

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