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A Digital Bandlimited Chaos-based Communication System

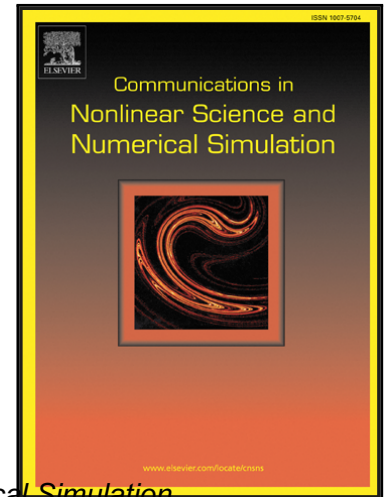
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Highlights

- We present a digital bandlimited chaos-based communication system.
- We evaluate this communication system performance in terms of bit error rate.
- We propose a tuning filter for signal to noise ratio improvement in the receiver.
- The required chaotic synchronization conditions are obtained analytically for general K-dimensional chaos generator map.

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