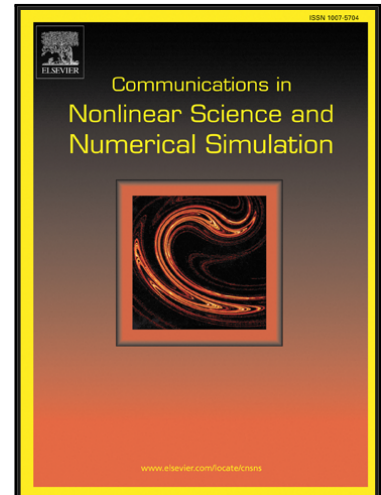


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On the interconnections between various analytic approaches in coupled first-order nonlinear differential equations

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Highlights

- We establish an interconnection between various integrability quantifiers.
- The interconnections are demonstrated in coupled first-order nonlinear differential equations.
- The interconnections keep us to capture the integrability quantifiers with- out solving their determining equations.

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