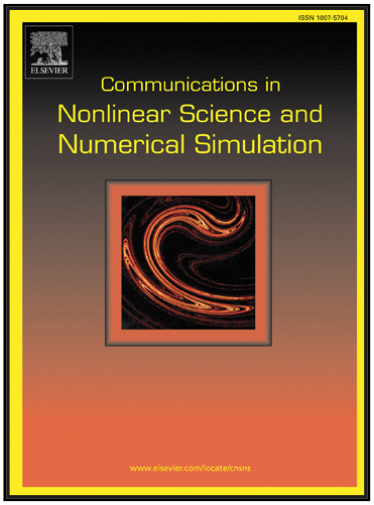

Complexity evolution of capital and technology transfer in climate negotiation

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PII: S1007-5704(18)30147-3
DOI: 10.1016/j.cnsns.2018.05.003
Reference: CNSNS 4520

To appear in: *Communications in Nonlinear Science and Numerical Simulation*

Received date: 20 December 2017
Revised date: 29 March 2018
Accepted date: 6 May 2018

Please cite this article as: Weidong Chen, Liming Li, Complexity evolution of capital and technology transfer in climate negotiation, *Communications in Nonlinear Science and Numerical Simulation* (2018), doi: 10.1016/j.cnsns.2018.05.003

Highlights

- Two closed-loop dynamic game models are built to study the dynamic process of technology transfer and capital transfer in global climate negotiation respectively.
- Optimal solutions of the two models are obtained and compared them each other.
- Complex dynamic phenomena (e.g. the bifurcation, chaos of the evolution of technology transfer and capital transfer) is analyzed.
- Then influence of parameters on the complex nonlinear dynamics behavior of the optimal solution is discussed.