

CHAOS 2009

2nd Chaotic Modeling and Simulation International Conference

June 1 - 5, 2009 Chania Crete Greece

www.chaos2009.net

Chaotic Modeling and Simulation: General Overview and Illustrations

Charilaos Skiadas¹ and Christos H. Skiadas²

¹Hanover College, IN, USA

²Technical University of Crete, Chania, Greece

Chaotic modeling and simulation is developing in a new way that influences the world around us, and consequently also influences our ways of approaching, analysing and solving problems[1]. A systematic presentation and analysis of the chaotic tools is given in a way that it would be useful to model builders and scientists from various fields. The chaotic simulation is not only an illustrative tool but also it could be of particular importance for the selection of the best model for a specific situation.

[1] C.H. Skiadas and C. Skiadas, Chaotic Modeling and Simulation. Analysis of Chaotic Models, Attractors and Forms, Taylor & Francis / CRC Press, Boca Raton, FL, USA, 2008.