

Synergetic control of social networking services actors' interactions

Ruslan Hryshchuk¹, Kateryna Molodetska²

¹*Sergey Korolyov Zhytomyr Military Institute, Cybersecurity Department of the Research Center, Zhytomyr, Ukraine*

²*IT and Simulation Department, Zhytomyr National Agro-Ecological University, Zhytomyr, Ukraine*

Corresponding Author: Ruslan Hryshchuk, dr.hry@i.ua

The evolutionary process of social networking is a transition from one state to another through chaos that features high system sensitivity to external disturbances. Thus, a system may be in a certain stable state called an attractor adversely affected by a potential threat to social networking actors. So let us have synergetic control conceptualized here in terms of social network actors' interactions control to ensure national information security. The design of a synergetic system to control self-organizing virtual communities enables a chaos-control transition thus achieving the predicted result of their actors' interactions. There are some models introduced.