Quantitative Finance > Risk Management

Spin Glass Model of Operational Risk

M. Bardoscia, P. Facchi, S. Pascazio, A. Trullo

(Submitted on 18 Feb 2010)

We analyze operational risk in terms of a spin glass model. Several regimes are investigated, as a functions of the parameters that characterize the dynamics. The system is found to be robust against variations of these parameters. We unveil the presence of limit cycles and scrutinize the features of the asymptotic state.

Comments:	12 Pages, 15 Figures
Subjects:	**Risk Management (q-fin.RM)**; Computational Finance (q-fin.CP)
Cite as:	**arXiv:1002.3560v1 [q-fin.RM]**

Submission history

From: Marco Bardoscia [view email]
[v1] Thu, 18 Feb 2010 16:18:12 GMT (890kb,D)

Which authors of this paper are endorsers?

Link back to: arXiv, form interface, contact.