

Abstract Submitted
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Similar Hamiltonian Between Avalanche-effect & Sociophysics¹

WH- MAKSOED,SSI², Prodi of Physics UI, Depok 16415- INDONESIA —
Of similar Hamiltonian concerned in “sociophysics”, there were RandomField-
IsingModel/RFIM in external field retrieved in S. Sabhapandit:”**Hysteresis &
Avalanche in RandomFieldIsingModel**”, 2002:” ..in earthquake, it is an en-
ergy release and in case of ferromagnet, it is the size of the domain flips”. Following
the extremes & compromises curve in Serge Galam: “**Sociophysics: a Review of
Galam Model**”, 2008 fig. 12, h 9 whereas it seems similar with “heating curve”-
Prof. Ir. Abdul Kadir: “**Mesin Arus Searah**”, h 192 when the heat sources
are continuous denote continuous opinion dynamics. Further, hysteresis as duties
in “Kajian Analisis Model Mikromagnetik dari Struktur Magnet Nanokomposit”,
2007 [UI file no. S29286] also sought :”calculate the probability that ‘one more
site became unstable’ causes an avalanche of the spin flips. . .” usually found in Per
Bak sand-pile fractal characters experiment exhibits.

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+62-21-7220385, Jl. Sriwijaya Raya 3, Kebayoran Baru, South-Jakarta

²To Jerome Karle’s Nobel lecture, Dec 9, 1985 ‘ve retrieved Geronimo ”Bury my
Heart in Wounded Knee” Fosbury-flop

WH- Maksoed,SSI
Prodi of Physics UI, Depok 16415- INDONESIA

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