

Abstract Submitted  
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**Similar Hamiltonian Between Avalanche-effect & Sociophysics<sup>1</sup>**

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16415- INDONESIA — Of similar Hamiltonian concerned in “sociophysics”, there  
were RandomFieldIsingModel/RFIM in external field retrieved in S. Sabhapan-  
dit:”Hysteresis & Avalanche in RandomFieldIsingModel”, 2002:” ..in earthquake,  
it is an energy release and in case of ferromagnet, it is the size of the domain flips”.  
Following the extremes & compromises curve in Serge Galam: “Sociophysics: a Re-  
view 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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JOKO WIDODO in ”spallation ” coincides with ADS/AcceleratorDrivenSystems,

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