



UNIVERSITAS
GADJAH MADA

KAJIAN SIMULASI MODEL SZNAJD: PENGARUH AKTOR MANIPULATIF SEBAGAI DUA MEDAN EKSTERNAL SALING KONTRA
TERHADAP PENGGUNA MEDIA SOSIAL MENGGUNAKAN SIMULASI MONTE CARLO

Haryanto, Rinto Anugraha, NQZ., S.Si., M.Si., Dr.Eng.

Universitas Gadjah Mada, 2023 | Diunduh dari <http://etd.repository.ugm.ac.id/>

DAFTAR PUSTAKA

- Bessi, A., dan Ferrara, E., 2016, Social bots distort the 2016 U.S. Presidential election online discussion. *First Monday*, 21, 11.
- Binder, K., 2012, Monte Carlo methods in statistical physics Volume 43. Springer Science & Business.
- Blundell, S. J., 2008, Concepts in Thermal Physics. Oxford University Press.
- Brehm, S., 1995, Social Psychology. New York: Houghton Muffin, hal. 213.
- Buchanan, M., 2007, The social atom. Bloomsburry, New York, USA.
- Callen, H. B., 1998, Thermodynamics and an introduction to thermostatistics.
- Cardy, J., 1996, Scaling and renormalization in statistical physics. Cambridge University Press, vol. 5.
- Cody, M., 1995, Men and Women in the Marketplace: Gender Power and Communication in Human Relationships. Hillsdate, N.J.:Erlbaum, hal. 305-329.
- Dewan, S., 2017, Characterizing the nature of social influence in an online music community. *Information Systems Research*, 28(1), 117-136.
- Ferrara, E., 2016, The Rise of Social Bots. Dari *Communications of the ACM*, 59(7), 96-104.
- Galam, S., 2000, From individual choice to group decision-making. Dari *Physica A: Statistical Mechanics and its Applications* 287 (3-4), 644-659.
- Galam, S., 2004, Sociophysics: a personal testimony. *Physica A: Statistical Mechanics and its Applications*, vol. 274, no. 1-2, pp. 132-139
- Griffiths, D. J., 1995, Introduction to Quantum Mechanics. Pearson, Cambridge University Press.
- Hampton, K., 2014, Social media and the ‘spiral of silence. Diakses pada 2 Desember 2020, dari alamat:
- <http://www.pewinternet.org/2014/08/26/Social-media-and-the-spiral-of-silence/>
- Huang, K., 1987, Statistical mechanics, stme, p.512.
- Ising, E., 1925, Beitrag zür theorie des ferromagnetismus. *Zeitschrift fur Physik* 31 (1), 253-258.
- Jaeger, G., 1998, The Ehrenfest classification of phase transitions: introduction and evolution. Arsip sejarah sains 53 (1), 51-81.
- Levitt, M. H., 2007, Spin Dynamics: Basics of Nuclear Magnetic Resonance. Buku edisi kedua terbitan John Wiley & Sons, Ltd, The University of Southampton, UK.



**KAJIAN SIMULASI MODEL SZNAJD: PENGARUH AKTOR MANIPULATIF SEBAGAI DUA MEDAN EKSTERNAL SALING KONTRA
TERHADAP PENGGUNA MEDIA SOSIAL MENGGUNAKAN SIMULASI MONTE CARLO**

Haryanto, Rinto Anugraha, NQZ., S.Si., M.Si., Dr.Eng.

Universitas Gadjah Mada, 2023 | Diunduh dari <http://etd.repository.ugm.ac.id/>

Luijten, E., 2006, Introduction to cluster Monte Carlo algorithms. Springer, pp-13-38.

MathWorks Physics Team, 2021, Ising Model and Metropolis Algorithm. Diakses online pada 14 Februari 2021, dari alamat:

<https://www.mathworks.com/matlabcentral/fileexchange/62194-isng-model-and-metropolis-algorithm>

Metropolis, N., 1953, Equation of state calculations by fast computing machines. *The Journal of chemical physics*, vol. 21, no. 2, pp. 1087-1092.

Morissan, 2013, Teori Komunikasi: Individu hingga massa. Kencana Prenada Media Group.

Muslim, R., 2021, Antikonformiti, kontravarian, dan indepedensi: transisi fase, *scalling*, dan universalitas pada model Sznajd dengan pendekatan *Mean-Field*. Disertasi program studi S3 fisika FMIPA UGM.

Naylor, T. H., 1966, *Computer simulation techniques*, dari Tech. rep., Wiley New York.

Noelle-Neumann, E., 1974, The spiral of silence: A theory of public opinion. *Journal of Communication*, 24(2), 43-51.

Nolting, W. dan Ramakanth, A., 2009, Quantum theory of magnetism. Springer Science & Business Media.

Nova, F. Dan Rudiatin, E., 2012, Republic relations: knowing your public is a halfway to win the battle. Media Bangsa, Indonesia.

Rubinstein, R. Y., dan Kroese, D. P., 2016, Simulation and the Monte Carlo method, John Wiley & Sons, vol.10.

Salinas, S., 2001, Introduction to statistical physics. Springer Science & Business Media.

Stauffer, D., 2000, Generalization to Square Lattice of Sznajd Sociophysics Model. *International Journal of Modern Physics C*, Vol. 11, No. 6, 1239-1245.

Swendsen, R. H., dan Wang, J. S., 1987, Nonuniversal critical dynamics in Monte Carlo simulations. *Physical Review Letters*, vol. 58, no. 2, p. 86.

Sznajd-Weron, K., 2000, Opinion Evolution in Closed Community. *International Journal of Modern Physics C*, Vol. 11, No.6, 1157-1165.

Sznajd-Weron, K., 2004, Dynamical model of Ising spins. *Physicsl Review E* 70 (3), 037104, American Physical Society (APS).

Sznajd-Weron, K., 2005, Sznajd Model and its Applications. *Acta Physica Polonica B*, Vol. 36, No. 8.

Thorvy, M. Q. dan Nurcahyo, A., 2017, Perkembangan Teori Spiral Keheningan dalam Media Sosial. konten LPM Media Publica.

Wangsness, R. K., Electromagnetic Fields 2nd Edition. Buku terbitan Wiley.



**KAJIAN SIMULASI MODEL SZNAJD: PENGARUH AKTOR MANIPULATIF SEBAGAI DUA MEDAN EKSTERNAL SALING KONTRA
TERHADAP PENGGUNA MEDIA SOSIAL MENGGUNAKAN SIMULASI MONTE CARLO**

Haryanto, Rinto Anugraha, NQZ., S.Si., M.Si., Dr.Eng.

UNIVERSITAS
GADJAH MADA

Universitas Gadjah Mada, 2023 | Diunduh dari <http://etd.repository.ugm.ac.id/>

Wolff, U., 1989, Collective Monte Carlo updating for spin systems. *Physical Review Letters*,

vol. 62, no. 4, p. 361.

Yu-Song, T., 2006, Combined update scheme in the Sznajd model. *Physica A* 370, 727-733.