

- [3] Salama Abdelhady, "Comments concerning Measurements and Equations in Electromagnetism." *J. Electromagnetic Analysis & Applications*, November, 2010, Vol. 2: pp.217-219.
- [4] J. Jewett and R. A. Serway, "Physics for Scientists and Engineers with Modern Physics," 7th Edition, Thomson, Brooks/Cole, 2008.
- [5] M. Fujimtu, *Physics of Classical Electromagnetism*, Springer, 2007
- [6] R. Heikes, W. Roland, and J. Ure, *Thermoelectricity: Science and Engineering*. Interscience Publishers Inc., 1961, New York.
- [7] S. B. Riffat, and Ma, X. *Thermoelectrics: A Review of Present and Potential Applications*. 2003, Applied Thermal Engineering
- [8] Bruce Sherwood. P. J. Scanlon, R. N. Henriksen, and J. R. Allen, "Approaches to electromagnetic induction," *Am. J. Phys.* 377, 698–708 1969.
- [9] Buist, R.J. (1995) The Extrinsic Thomson Effect. Proceedings of the 14th International Conference on Thermoelectrics, St. Petersburg, 27-30 June 1995, 27-30.
- [10] Tschoegl, N., *Fundamentals of Equilibrium and Steady-state Thermodynamics*; Elsevier Science, Ltd: Amsterdam, The Netherlands, 2000
- [11] Ryan, D.T. (2006) Toward a Cognitive-Historical Understanding of Michael Faraday's Research: Editor's Introduction. *Perspectives on Science*, 14, 1-6.
- [12] Salama Abdelhady, "A Fundamental Equation of Thermodynamics that Embraces Electrical and Magnetic Potentials" *J. Electromagnetic Analysis & Applications*, March, 2010, Vol. 2: pp. 162-168.
- [13] E. G. Thomas and A. J. Meadows, *Maxwell's Equations and their Applications*, Adam Hilger Ltd., Bristol and Boston (1985).
- [14] Lebowitz J.L., *Macroscopic Laws and Microscopic Dynamics*, Time's Arrow and Boltzmann's Entropy. *Physica A*, 1993(194), 1-97
- [15] Salama Abdelhady, *Thermodynamic Analysis of Electric Charges and Magnetic Flux*, Cairo 11th International Conference on Energy and Environment, Ghurgada, Egypt, March, 2009, 175-185
- [16] Stevens, C.F. (1965) *The Six Core Theories of Modern Physics*. MIT Press, Cambridge.
- [17] Feynman, R.P., Leighton, R.B., and Sands, M. *Lectures on Physics*, Volume 1. Addison-Wesley, Reading MA (1963).
- [18] Haaiday, D., Resnick, R. and Walker, J., *Fundamentals of Physics*. 7th Edition, John Wiley & Sons, New York, 2004
- [19] S. Abdelhady, "An Entropy Approach to Optical Pumping," Proceedings of the 15th International Conference on Aerospace Sciences & Aviation Technology, ASAT-15, Cairo, May 2012
- [20] S. Abdelhady, "An Entropy Approach to Wireless Power Transmission by Magnetic Resonance," *Journal of Applied Physics*, 06/2013; 5(5):pp. 29 - 35. DOI:10.559/apr.v5n5p29
- [22] Salama Abdelhady, "An Advanced Review of thermodynamics of Electromagnetism," *International Journal of Research studies in Science, Engineering and Technology*, Vol. 3, No. 6, 10, 2015.
- [23] Harman T.C., Honig J.M., *Thermoelectric and Thermomagnetic Effects and Applications*; McGraw-Hill Book Company, 1967
- [24] Salama Abdelhady, "Innovative Understanding of the Duality confusion, the Photovoltaic and Magnetocaloric Effects." *Ain Shams Engineering Journal, Engineering Physics and Mathematics*, Vol. 8, March 2017.
- [25] Salama Abdelhady, Review of Thermodynamics of Systems that Embrace Transfer of Electric and Magnetic Energies, *Journal of Physical Science and Application*, doi: 10.17265/2159-5348/2018.01.001, 8, 1, 1, (2018)
- [26] Salama Abdelhady, *Thermodynamics: Fundamentals and its Application in Science*, Auris Reference; 1st edition, 1, (2017), ISBN-10: 1788020626 An International Text Book In Science.
- [27] Abdelhady S., An entropy approach to wireless power transmission by magnetic resonance. *Appl. Phys* (2013).
- [28] Phan MH, Yu SC. Review of the magnetocaloric effect in manganite materials. *J. Magn Magn Mater*(2007);308(2):325–40
- [29] Peksoy O, Rowe A. Demagnetizing effects in active magnetic regenerators. *J Magn Mat* 2005;288:424.
- [30] V. Kumar, J. Singh and S. S. Verma, "Performance Comparison of Some Common Thermocouples for Waste Heat Utilization," *Asian Journal of Chemistry*, Vol. 21, No. 10, 2009, pp. 62-65
- [31] Abdelhady S. An approach to a universal system of units. *J Electromagn Anal. Appl* (2010);2:549.
- [32] Wang B, Kucukgok BD, Leach Melton J, Udwyary K, Evans K, Lu N, et al., Thermoelectric properties of undoped and si-doped bulk GaN. In: *MRS proceedings*, vol. 1558, (2013)