Article reviews for the project.

Miguel Angel Gomez

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1 A derivation of Maxwell's equations using the Heaviside notation.

2 Theoretical Framework

2.1 Magnetic Field

2.2 Electric Field

2.3 Faraday's Law

2.4 Coulomb's law of electrostatics

2.5 Ampere's law of magnetostatics

2.6 Newton's second law of motion

2.7 Hooke's static law of elasticity

2.8 Local Equilibrium

2.9 Lorentz invariance

References

[1] Damian P. Hampshire, *A derivation of maxwell's equations using the heaviside notation* **376** (December 13, 2018), no. 2134, 20170447.

[2] Mai Mismar, *Numerical simulation of maxwell's equations* **7** (March 2017), no. 3, 01–10.