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philosophie des sciences* was read by einstein that work did not
make its mark in the history of philosophy as ampère had hoped on

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'the suppressed electrodynamics of ampère gauss weber

June 3rd, 2020 - the suppressed electrodynamics of ampère gauss weber from the spring 2001 issue of 21st century science but not only does it predate the einstein formulation it is methodologically far the electrodynamicometer constructed in 1841 which wilhelm weber used in the final determination of the validity of ampere's electrodynamics"*ampère electrodynamics carol keiter's blog*

May 21st, 2020 - the suppressed electrodynamics of ampère gauss weber written by laurence hecht ampère's new science electrodynamics declared that the force between the elements was not simply dependent on the inverse square of their distance of separation gravity but in addition depended on the angles which these infinitesimal directional elements made with the line connecting their centers'

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May 25th, 2020 - andré marie ampère 1775 1836 a french physicist founded the science of electrodynamics now known as electromagnetism danish physicist hans christian ørsted discovered accidentally in 1820 that a magnetic needle is deflected when the current in a nearby wire varies a phenomenon establishing a relationship between electricity and magnetism'

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April 20th, 2020 - article osti 6255370 title ampere neumann electrodynamics of metals author graneau p abstract note maxwell described ampere's force law as the cardinal formula of electrodynamics this law predicts longitudinal mechanical forces along current streamlines

in metallic conductors the ampere forces set up tension in wires and busbars and pressure in liquid metal

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June 6th, 2020 - andre marie ampere french physicist who founded and named the science of electrodynamics now known as electromagnetism his name endures in everyday life in the ampere the unit for measuring electric current learn more about his life career and accomplishments in this article'

'maxwell s equations

April 19th, 2020 - maxwell s equations are a set of coupled partial differential equations that together with the lorentz force law form the foundation of classical electromagnetism classical optics and electric circuits the equations provide a mathematical model for electric optical and radio technologies such as power generation electric motors wireless communication lenses radar etc'

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'how special relativity fixed electromagnetism

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June 4th, 2020 - 2 pv infn it" ***quantum electrodynamics a thorough explanation***

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