

Abstract Submitted
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$E=2mc^2$ KWADWO DOMPREH, University of Cape Coast — The Albert Einstein mass-energy equation $E = mc^2$ which is used primarily in the estimation of the amount of energy in fission reaction can be modified to give an equation which is used calculate the amount of energy in a fusion reaction. This theory is deduced using the Gedenken experiment used in special relativity and a computer simulation using the Matrix laboratory. The energy harnessed is non – radioactive and can be used to power our homes, industries and even our automobiles. When the equation is applied to cosmological bodies such as the Suns, Stars and others gives a better understanding of their origin.

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