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 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, Starts and others
gives a better understanding of their origin.

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