



NEW DISCOVERY ON GOLDBACH CONJECTURE

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Abstract

Goldbach's famous conjecture has always fascinated eminent mathematicians. In this paper, we give a rigorous proof based on a new formulation, namely, that every even integer has a primo-raduis. Our proof is mainly based on the application of Chebotarev-Artin's theorem, Mertens' formula and the Principle exclusion-inclusion of Moivre.

Keywords and phrases: Goldbach conjecture, Chebotarev-Artin theorem, Mertens formula, Moivre.

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