

Turkish Journal of Mathematics

Turkish Journal

of

Mathematics

Values of the Carmichael Function Equal to a Sum of Two Squares

William D. BANKS


Department of Mathematics, University of Missouri
Columbia, MO 65211 US

e-mail: bbanks@math.missouri.edu

Ahmet M. GÜLOĞLU

Department of Mathematics, University of Missouri
Columbia, MO 65211 USA

e-mail: ahmet@math.missouri.edu

 [Keywords](#)
 [Authors](#)

Abstract: In this note, we determine the order of growth of the number of positive integers $n \leq x$ such that $\lambda(n)$ is a sum of two square numbers, where $\lambda(n)$ is the Carmichael function.

Key Words: Carmichael function, sum of two squares



math@tubitak.gov.tr

Turk. J. Math., **33**, (2009), 9-16.

Full text: [pdf](#)

[Scientific Journals Home
Page](#)

Other articles published in the same issue: [Turk. J. Math., vol.33, iss.1.](#)