Year: 2021

Vol.: 98

Fasc.: 3-4

Title: On Salem numbers which are Mahler measures of nonreciprocal 2-Pisot numbers

Author(s): Toufik Zaïmi

Motivated by a question of D. W. Boyd, we prove a characterization of Salem numbers of degree 6 which are Mahler measures of nonreciprocal algebraic integers, having two conjugates with modulus greater than 1.

Address:

Toufik Zaïmi
Department of Mathematics
and Statistics
College of Science
Imam Mohammad Ibn Saud
Islamic University (IMSIU)
P. O. Box 90950
Riyadh 11623
Saudi Arabia