



A CHAIN OF MORAN NUMBERS

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Abstract

A Moran number is a Niven number n which yields a prime number p when n is divided by the digital sum of n . If $p - 1$ is again a Moran number, we say that n and $p - 1$ form a chain of Moran numbers. We investigate the existence of a chain of three or more Moran numbers, under the condition that the sequence of digital sums is to form an arithmetic progression.

Keywords and phrases: Moran numbers, Niven numbers.

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