

SCHOLAR
UNE CÉLÉBRATION SCIENTIFIQUE SOULIGNANT LES LIGNES OUVERTES DE LA RECHERCHE MATHÉMATIQUE EN
L'HONNEUR DE L'HÉRITAGE MATHÉMATIQUE DU P^R M. RAM MURTY À L'OCCASION DE SON 60^E ANNIVERSAIRE
15 AU 17 OCTOBRE 2013

SCHOLAR
A SCIENTIFIC CELEBRATION HIGHLIGHTING OPEN LINES OF ARITHMETIC RESEARCH IN
HONOUR OF PROFESSOR M. RAM MURTY'S MATHEMATICAL LEGACY ON HIS 60TH BIRTHDAY
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On a question of Wintner

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Let T be a set of prime numbers and let (n_1, n_2, \dots) be the increasing sequence of positive integers all of whose prime factors are from T . Wintner asked if it is possible to find an infinite set of primes T with the property that the difference between consecutive terms in the associated sequence tends to infinity as the terms tend to infinity. In 1973, Tijdeman proved that such sets T exist. We shall discuss some recent joint work with Jeongsoo Kim concerning these sets.

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