

abstract

SHORT TALKS BY POSTDOCTORAL MEMBERS

Topic:

Speaker:

Affiliation:

Date:

Time/Room:

Let $s(n)$ denote the sum of the proper divisors of the natural number n . We call n **perfect** if $n = s(n)$ and **amicable** if $n = s(s(n))$. We discuss some old problems and recent results related to perfect numbers, amicable numbers, and their generalizations.