

ГОДИШНИК НА СОФИЙСКИЯ УНИВЕРСИТЕТ „СВ. КЛИМЕНТ ОХРИДСКИ“

ФАКУЛТЕТ ПО МАТЕМАТИКА И ИНФОРМАТИКА

Том 96, 2002

ANNUAIRE DE L'UNIVERSITE DE SOFIA „ST. KLIMENT OHRIDSKI“

FACULTE DE MATHÉMATIQUES ET INFORMATIQUE

Tome 96, 2002

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SOME RESULTS ON THE UPPER-SEMILATTICE  
OF R.E. m-DEGREES INSIDE A SINGLE R.E. tt-DEGREE

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In this paper it is shown that: 1) There exists such a tt-degree which contains infinitely many m-degrees of the type of  $\omega^k$  for any positive natural number  $k$ ; 2) There exists such a tt-degree which contains infinitely many m-degrees of the type of  $\mathbb{Q}$  of rational numbers.

**Keywords:** m-degrees, tt-degrees, upper semilattice

**2000 MSC:** 03D25, 03D30, 03D45, 03C57

*Received on November 2, 2002*

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