CARPATHIAN J. MATH. **22** (2006), No. 1 - 2, 91 - 98

Equations involving arithmetic functions

GABRIEL MINCU and LAURENŢIU PANAITOPOL

ABSTRACT. We solve a few equations concerning arithmetic functions. The proofs in the last section are based on known (but difficult) inequalities.

UNIVERSITY OF BUCHAREST FACULTY OF MATHEMATICS ACADEMIEI 14, 010014 BUCHAREST, ROMANIA *E-mail address*: gamin@al.math.unibuc.ro *E-mail address*: pan@al.math.unibuc.ro