



Year: 2006

Vol.: 68

Fasc.: 3-4

**Title:** Some conditions implying the continuity of  $t$ -Wright convex functions

**Author(s):** Andrzej Olbryś

In the present paper we investigate sufficient conditions for the continuity of  $t$ -Wright-convex functions. The main result of this paper says, that every  $t$ -Wright-convex function, such that the restriction to a subset of positive Lebesgue measure, or to the second category set with the Baire property, is lower semicontinuous, has to be continuous and convex.

**Address:**

Andrzej Olbryś  
Institute of Mathematics  
Silesian University  
Bankowa 14, 40-007 Katowice  
Poland  
*E-mail:* andrzej.olbrys@wp.pl