## The revision of some results for Bernstein-Stancu type operators

DAN MICLĂUŞ

## Abstract.

In the present paper the author revises some known results, respectively establishes new results for Bernstein-Stancu operators and for a particular case of the same operators, introduced first by L. Lupaş and A. Lupaş.

DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE NORTH UNIVERSITY OF BAIA MARE VICTORIEI 76, 430122 BAIA MARE, ROMANIA *E-mail address*: danmiclausrz@yahoo.com

Received: 05.04.2011; In revised form: 27.10.2011; Accepted: 23.04.2012

<sup>2010</sup> Mathematics Subject Classification. 41A10, 41A25, 41A36.

Key words and phrases. Bernstein operators, Bernstein-Stancu operators, Stirling numbers of second kind, test functions, modulus of continuity, Voronovskaja's theorem.