
Richard Fournier and Marius Serban

**An Extension of Jack's Lemma
to Polynomials of Fixed Degree**

CMFT 7 No.2 (2007), 371–378. [ISSN 1617-9447]

Abstract. We study an extension of Jack's lemma to polynomials of fixed degree. Our result is based on a class of bound-preserving operators over polynomials introduced by Ruscheweyh.

Keywords. Jack's lemma, bound-preserving operators, extremal polynomials.

2000 MSC. Primary 30C80; Secondary 30C10.

Received. October 17, 2006, in revised form February 22, 2007.