
Dov Aharonov

Extreme and Support Points of the Class of Non-Vanishing Univalent Functions

CMFT 8 No.2 (2008), 565–578. [ISSN 1617-9447]

Abstract. Let S_0 be the standard class of non-vanishing univalent functions in the unit disc. In this article we present a generalization of the classical ellipse theorem for this class.

Keywords. Non-vanishing univalent functions, extreme points, support points.

2000 MSC. Primary 30C45; Secondary 30C55, 30C75.

Received. February 15, 2007, in revised form October 11, 2007.

Published online. December 20, 2007.