Inequalities of Fejér Type for G-convex Dominated Functions^{*}

Shiow-Ru Hwang[†], Ming-In Ho[‡]

China Institute of Technology, Nankang, Taipei, Taiwan 11522

and

Chung-Shin Wang Department of Mathematics, Aletheia University

Received July 4, 2007, Accepted September 14, 2007.

Abstract

In this paper, we establish some inequalities of Fejér type for g-convex dominated functions.

Keywords and Phrases: Hermite-Hadamard inequality, Fejér inequality, g-Convex dominated functions.

^{*1991} Mathematics Subject Classification. 26D15.

 $^{^{\}dagger}\text{E-mail: hsru@cc.chit.edu.tw}$

[‡]E-mail: mingin@cc.chit.edu.tw