George A Anastassiou* (ganastss@memphis.edu). General Grüss and Ostrowski type inequalities involving s-convexity.

Using the well known representation formula for functions due to Fink, we establish a series of general Grüss and Ostrowski type inequalities involving s-convexity and s-concavity in the second sense, acting to all possible directions. (Received May 23, 2013)