## A Generalized Ostrowski Grüss Type Inequality for Bounded Differentiable Mappings and Its Applications

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Abstract - We establish a generalized ostrowski Grüss type inequality for differentiable mappings using weighted Grüss inequality. Perturbed midpoint and trapezoid inequalities are obtained. Some applications in different weights are given. This inequality is extended to account for applications in Numerical integration.

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