

## ON SOME NEW INTEGRO-DIFFERENTIAL INEQUALITIES RELATED TO WEYL'S AND HEISENBERG'S TYPE INEQUALITY

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Abstract. In the present paper some new integro-differential inequalities are obtained, which generalize some results of Pachpatte and Pečarić at ec and derive some new generalizations of Weyl and Heisenberg type inequalities.

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Key words and phrases: Integral inequalities, Weyl-type, Heisenberg-type, weight function, Holder inequality, Minkowski inequality.

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