



**ON THE GENERALIZED CAPUTO AND  
KATUGAMPOLA DERIVATIVES**

Iyaya Wanjala, Isaac Chepkwony, Sitawa Wattanga, Joy Mutegei and  
George Mocheche

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**Abstract**

Our objective is to show that the effect of generalized Katugampola derivative on the Hadamard fractional integral has the same result as the generalized Caputo derivative on the generalized Katugampola integral.

**Keywords and phrases:** generalized Katugampola fractional derivative, generalized Katugampola fractional integral, Hadamard fractional integral, generalized Caputo fractional derivative.

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