

## SOME APPLICATIONS OF IMPROVED YOUNG'S INEQUALITY

Artion Kashuri and Rozana Liko

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## **Abstract**

The aim of this paper is to give some applications of improved Young's inequality. We establish new inequalities for trigonometric and hyperbolic functions.

**Keywords and phrases:** Young inequality, Mitrinović-Adamović's inequality, Lazarević's inequality, hyperbolic functions.

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