

## Special issue on “Current Trends in Special Functions and Inequalities with their applications”

Inequalities for the special functions appear infrequently in the literature. Inequalities for the ratio of confluent hypergeometric functions are available in the literature. The formulas are very important, as they include expansions for many transcendent expressions of mathematical physics in series of the classical orthogonal polynomials, Laguerre, Hermite functions, etc. The developments bear heavily on the works of many researchers who have earlier studied the inequalities for Humbert functions, and other functions.

The selected papers in this special issue will be devoted to current trends in special functions and inequalities including pure mathematics, applied mathematics, computational mathematics, especially will be focused on a wide range of its applications.

Potential topics include:

- *Special functions and polynomials such as Hypergeometric function, Laguerre, Hermite, Bernoulli, Euler, etc.*
- *Inequalities such as Hardy type inequalities, Tchebycheff's type inequalities, Hermite Hadamard-type inequalities, etc.*

Start Submission Date	Friday, 8 Sep 2017
Manuscript Due	Friday, 24 Nov 2017
First Round of Reviews	Friday, 26 Jan 2018
Publication Date	Friday, 23 Feb 2018

### Special issue Editor

---

**Serkan Araci**, Hasan Kalyoncu University, Turkey  
E-Mail: [mts\\_rkn@hotmail.com](mailto:mts_rkn@hotmail.com); [serkan.araci@hku.edu.tr](mailto:serkan.araci@hku.edu.tr)