

Some continued fraction approximations and inequalities for Gamma function, Euler's constant, Glaisher-Kinkelin's and Bendersky-Adamchik's constants

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In this talk, we present some new continued fraction approximations and inequalities for Gamma function, Euler's constant, Glaisher-Kinkelin's and Bendersky-Adamchik's constants. Finally, for demonstrating the superiority of our new convergent sequences over the classical ones, some numerical computations are also given.