

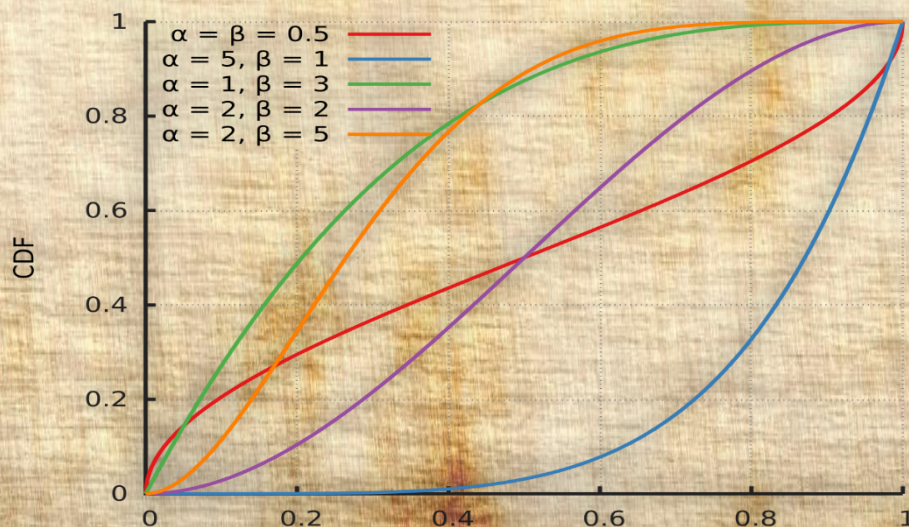
Babes-Bolyai University
Faculty of Economics and Business Administration
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Title of the talk: **A third order iterative algorithm for inversion of cumulative central beta distribution**

Abstract: This talk is about an efficient third-order iterative method for inverting the cumulative central beta distribution. First, we will see the derivation of a third-order iterative method for finding zeros of the solution of second-order homogeneous linear ODEs. This iterative method is exact for any function f with a constant logarithmic derivative of f . Then, we will see results which ensure non-local convergence for this proposed iterative scheme. Finally, we will see an interesting algorithm based on this iterative method for inverting the cumulative central beta distribution.



Date: 2024.04.15, Monday 13.00-13.50

Place: Bibó István room

Chair: dr. Baricz Árpád