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Mustafa R. S. Kulenovic*, Department of Mathematics, University of Rhode Island, Kingston, RI 02881. *Orlando Merino: Dynamica 5 Software for simulation of Discrete Dynamical Systems.*

In this talk we will present major features of *Mathematica* package *Dynamica 5* which is widely used for simulation of Discrete Dynamical Systems. This version can create stable and unstable manifolds, basins of attractions, bifurcation diagrams etc. First version was developed by Orlando Merino and Mustafa R. S. Kulenović in 2000. (Received January 19, 2021)