CHANCE MECHANISMS FOR THE UNIVARIATE GENERALIZED WARING DISTRIBUTION AND RELATED CHARACTERIZATIONS

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SUMMARY. The intent of this paper is to provide an anthology of results on the subject of models (chance mechanisms) that give rise to the Univariate Generalized Waring Distribution. These include results that have appeared in the statistical literature before as well as some new ones that appear for the first time in this paper. Some characterization problems relating to certain genesis schemes are also considered.

KEY WORDS. Univariate generalized Waring distribution, urn models, conditionality models, STER model, coin-tossing game model, characterization.