

SIMULATION OF SOME MIXED LIFETIME DISTRIBUTIONS¹

LUIS ANTONIO PEREZ GONZALEZ², ION VĂDUVA³

The paper introduces some new lifetime distributions, as mixtures of some known distributions composed with a truncated (positive valued) *Poisson*(λ) distribution. Various methods for simulating introduced distributions are presented. Particularly, some rejection algorithms are developed, based on the enveloping rejection method.

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² Polytechnic University of Toluca Valey (Mexico), lperez@upvt.edu.mx

³ University of Bucharest (Romania), vaduva@fmi.unibuc.ro