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Adetokunbo I Fadahunsi* (afadahun@mix.wvu.edu), 813 Grant Ave Apt 25, Morgantown, WV 26505. *Recovery of ruin probability and Value at Risk from the scaled Laplace transform inversion.*

In this paper, we propose three modified approximations of the the ruin probability and the inverse function of the ruin probability using the inversion of the scaled values of the Laplace transform suggested by Mnatsakanov et al (2015). The problem of numerically evaluating the tail Value at Risk of an insurance portfolio is also discussed briefly. Using several examples, performances of the proposed constructions are demonstrated with graphs and tables. (Received September 26, 2017)