

A METHOD TO SOLVE SOME NONLINEAR EQUATIONS BY THE MONTE CARLO METHOD USING QUEUEING SYSTEMS

Daniel CIUIU, Technical University of Civil Engineering,
Bd. Lacul Tei, no. 124, Bucharest, Romania,
e-mail dciuiu@yahoo.com

Abstract

In this paper we will solve nonlinear equations using single station service systems with exponential services. We will estimate the average number of units in a $G/M/1$ queueing system, and we will compute the solution of the equation using this estimation.

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