

Some ideas of Prof. A.A. Borovkov in stability analysis of regenerative queueing systems

E. V. Morozov

The application of the tightness of the remaining service time process and the 'saturation rule' in stability analysis of the regenerative queueing systems, proposed by Prof Alexander Borovkov, are discussed. Also the classical regeneration of a closed network is considered, and a brief review of theory of renovating events is given developed by A.Borovkov.