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limit theorem for G/M/? queueing networks -- An upper bound to the capacity of discrete time Gaussian channel with feedback -- On the value for OLA-optimal stopping problem by potential theoretic method -- Fixed point theorem for measurable field of operators with an application to random differential equation.

## Sommario/riassunto

These proceedings of the fifth joint meeting of Japanese and Soviet probabilists are a sequel to Lecture Notes in Mathematics Vols. 33O, 550 and 1O21. They comprise 61 original research papers on topics including limit theorems, stochastic analysis, control theory, statistics, probabilistic methods in number theory and mathematical physics.