

PREFACE

Operations Research uses quantitative models to analyze and predict the behavior of systems, and to provide information for decision makers. Two key concepts in Operations Research are Optimization and Uncertainty. Uncertainty is emphasized in Operations Research that could be called “Stochastic Operations Research” in which uncertainty is described by stochastic models. The typical models in Stochastic Operations Research are queueing models, inventory models, financial engineering models, reliability models, and simulation models.

International Workshop on Recent Advances in Stochastic Operations Research (2005 RASOR Canmore) was held in Canmore, Alberta, Canada, on August 25-26, 2005. At that time, a local proceedings was published and distributed to all the participants, where 40 papers were presented. After the conference, through the peer reviewing process, we published a book “Recent Advances in Stochastic Operations Research,” edited by T. Dohi, S. Osaki and K. Sawaki, from World Scientific Publishing Co. Pte. Ltd., Singapore in 2007.

Following 2005 RASOR Canmore, we hosted International Workshop on Recent Advances in Stochastic Operations Research II (2007 RASOR Nanzan) at Nanzan University, Nagoya, Japan, on March 5-6, 2007. Again a local proceedings containing 43 papers was published and distributed to all the participants. After a careful peer reviewing process, this time, we are publishing a book “Recent Advances in Stochastic Operations Research II,” edited by T. Dohi, S. Osaki and K. Sawaki, from World Scientific Publishing Co. Pte. Ltd., Singapore.

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