Preface

This JSDD special issue is a selected collection of papers translated from Japanese papers published in May 2011 as “D&D2010 Tokushu-go (special issue)” of Transaction of the Japan Society of Mechanical Engineers (JSME). The D&D conference is an annual conference of Dynamics, Measurement and Control Division in JSME. This transaction had thirty two research papers in Japanese contributed as full papers among about four hundred presentations in D&D2010 that was held in Doshisha University on 14th-18th September 2010.

The present special issue, also named “D&D2010 Special Issue”, contains twelve full papers in English. The purpose of the issue is to disseminate the up-to-date knowledge obtained by Japanese researchers to the world in the areas of dynamics, measurement and control.

Although these papers in the present special issue are translated versions of Japanese papers, all the papers were subjected to independent review process set by JSDD editorial committee to maintain the high quality of JSDD. We are deeply thankful to the hardworking editorial committee members:

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We hope that this special issue will help you understand the status quo and stimulate further developments in the promising areas of vibration, measurement and control research.

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