

Preface

This volume represents the Proceedings of the 12th International Conference on Domain Decomposition Methods held at Chiba University, Chiba, Japan, October 25th – 29th, 1999.

Domain Decomposition (DD) has served as an organizing principle for many concepts and methodologies in mathematics, computer science, and computational science and engineering. And also DD will contribute to originate new concepts and methodologies in related fields mentioned above, which will give a clue to understand and solve complex problems existing in our real world. The objective of DD12 was to promote understanding and use of DD for the solution of problems arising in various fields of science and engineering and to promote interaction between researchers throughout the above-mentioned disciplines. These proceedings include invited plenary talks by leading experts in the field from academia, research institutions, and industry, as well as mini-symposia and contributed papers. The papers included are divided into three parts, theory, algorithm and application.

The conference was organized by I. Hagiwara (TIT), T. Ikeda (Ryukoku Univ.), H. Imai (Tokushima Univ.), T. Kako (UEC), H. Kawarada (Chairperson, Chiba Univ.), H. Koshigoe (Chiba Univ.), M. Mori (Kyoto Univ.), M. Nakamura (Nihon Univ.), H. Okamoto (Kyoto Univ.), H. Suito (Chiba Univ.), M. Tabata (Kyushu Univ.), T. Takeda (UEC) and G. Yagawa (Univ. of Tokyo). The conference received support from Chiba Convention Bureau, Chiba University, GAMNI, Inoue Foundation for Science, Iwaki city and the Japanese Ministry of Education.

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Tony Chan,
UCLA, U.S.A.

Takashi Kako,
The University of Electro-Communications, Japan

Hideo Kawarada,
Chiba University, Japan

Olivier Pironneau,
Université Paris 6, France

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