

Cooperative Design, Visualization, and Engineering

7th International Conference, CDVE 2010, Calvia, Mallorca, Spain, September 19-22, 2010, Proceedings

Many papers in this volume reflect, to some degree, the active, rapid economic development in certain geographic areas in the world such as China, Japan, South Korea, and Eastern Europe, which demand cooperative work, particularly co-erative engineering, more than ever. New concepts and new ideas of cooperative design, visualization, and engineering have emerged to meet the higher demand resulting from the economic development in these areas. Another trend among the papers in this volume is to apply existing concepts and methods to new application areas. The emergence of new concepts can be considered as a signal of fruitful research with its maturity in the field. This can be found in the papers of this year's conference. Cooperative design, visualization, and engineering via cloud computing is a new concept presented in a group of papers in this volume. The concept of cloud has been proposed for cooperative manufacturing, large scale cooperative simulation, and visualization, etc. Applying existing concepts to new application areas or creating new methods based on them is a logical direction to take full advantage of the cooperative design, visualization, and engineering technology. This is no doubt the best way to widen and deepen the knowledge in the field. Typical examples in this volume include the cooperative visualization of DNA microarray data in bioinformatics, astrophysical simulations, natural disaster simulations, and cooperative risk assessment, etc. As the volume editor, I would like to congratulate all the authors for their research and development results, raising cooperative technology to a new level.

Many papers in this volume reflect, to some degree, the active, rapid economic development in certain geographic areas in the world such as China, Japan, South Korea, and Eastern Europe, which demand cooperative work, particularly co-erative engineering, more than ever. New concepts and new ideas of cooperative design, visualization, and engineering have emerged to meet the higher demand resulting from the economic development in these areas. Another trend among the papers in this volume is to apply existing concepts and methods to new application areas. The emergence of new concepts can be considered as a signal of fruitful research with its maturity in the field. This can be found in the papers of this year's conference. Cooperative design, visualization, and engineering via cloud computing is a new concept presented in a group of papers in this volume. The concept of cloud has been proposed for cooperative manufacturing, large scale cooperative simulation, and visualization, etc. Applying existing concepts to new application areas or creating new methods based on them is a logical direction to take full advantage of the cooperative design, visualization, and engineering technology. This is no doubt the best way to widen and deepen the knowledge in the field. Typical examples in this volume include the cooperative visualization of DNA microarray data in bioinformatics, astrophysical simulations, natural disaster simulations, and cooperative risk assessment, etc. As the volume editor, I would like to congratulate all the authors for their research and development results, raising cooperative technology to a new level.



53,49 €

49,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783642160653

Medium: Buch

ISBN: 978-3-642-16065-3

Verlag: Springer

Erscheinungstermin: 20.09.2010

Sprache(n): Englisch

Auflage: 1. Auflage 2010

Serie: Lecture Notes in Computer Science

Produktform: Kartoniert

Gewicht: 481 g

Seiten: 302

