1.	Record Nr.	UNISA996466172403316
	Titolo	Computational Science and Its Applications - ICCSA 2006 [[electronic resource]] : International Conference, Glasgow, UK, May 8-11, 2006, Proceedings, Part I / / edited by Osvaldo Gervasi, Vipin Kumar, C.J. Kenneth Tan, David Taniar, Antonio Laganà, Youngsong Mun, Hyunseung Choo
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2006
	ISBN	3-540-34071-8
	Edizione	[1st ed. 2006.]
	Descrizione fisica	1 online resource (CL, 1204 p.)
	Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 3980
	Disciplina	004
	Soggetti	Computer science Software engineering Numerical analysis Computer networks Computer simulation Image processing—Digital techniques Computer vision Theory of Computation Software Engineering Numerical Analysis Computer Communication Networks Computer Modelling Computer Imaging, Vision, Pattern Recognition and Graphics
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Workshop on Computational Geometry and Applications (CGA 2006) -- Workshop on Virtual Reality in Scientific Applications and Learning (VRSAL 2006) -- Workshop on Visual Computing and Multimedia (VCM 2006) -- Technical Session on Web Based Learning (WBL 2006) -- Technical Session on Computer Graphics (TSCG 2006) -- Workshop on Modeling Complex Systems (MCS 2006) -- Workshop on Structures and

Molecular Processes (SMP 2006) -- Workshop on Specific Aspects of Computational Physics and Wavelet Analysis for Modelling Suddenly-Emerging Phenomena in Nonlinear Physics, and Nonlinear Applied Mathematics (PULSES 2006) -- Workshop on Geocomputation (GC 2006) -- Workshop on Pattern Recognition and Ubiquitous Computing (PRUC 2006) -- Workshop on Data Storage Devices and Systems (DSDS 2006) -- Technical Session on Technologies and Techniques for Distributed Data Mining (TTDM 2006) -- General Tracks.

| Sommario/riassunto | This ?ve-volume set was compiled following the 2006 International Conference on Computational Science and its Applications, ICCSA 2006, held in Glasgow, UK, during May 8–11, 2006. It represents the outstanding collection of almost 664 refereed papers selected from over 2,450 submissions to ICCSA 2006. Computational science has ?rmly established itself as a vital part of many scienti?c investigations, a?ecting researchers and practitioners in areas ranging from applications such as aerospace and automotive, to emerging technologies such as bioinformatics and nanotechnologies, to core disciplines such as ma-ematics, physics, and chemistry. Due to the shear size of many challenges in computational science, the use of supercomputing, parallel processing, and - phisticated algorithms is inevitable and becomes a part of fundamental theore- cal research as well as endeavors in emerging ?elds. Together, these far-reaching scienti?c areas contributed to shaping this conference in the realms of state--the-art computational science researchand applications, encompassing the fac- itating theoretical foundations and the innovative applications of such results in other areas. |