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# Discrete Geometry for Computer Imagery

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# **Discrete Geometry For Computer Imagery**

Ingela Nyström, Gabriella Sanniti di Baja, Stina Svensson

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combinatorial tools for image segmentation and analysis 
Discrete Geometry for Computer Imagery Rocio Gonzalez Diaz, Maria Jose Jimenez, Belen Garfia Medrano, 2013-03-17 This book constitutes the thoroughly refereed proceedings of the 17th International Conference on Discrete Geometry for Computer Imagery DGCI 2013 held in Seville Spain in March 2013 The 34 revised full papers presented were carefully selected from 56 submissions and focus on geometric transforms discrete and combinatorial tools for image segmentation and analysis discrete and combinatorial topology discrete shape representation recognition and analysis models for discrete geometry morphological analysis and discrete tomography

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topic including participating researchers and la ratories from all over the world Of the 41 papers received this year 24 have been selected for presentation and 7 for poster sessions In addition to these four invited speakers have contributed to the conference The site of Marne la Vall ee just 20 min away from Paris is particularly we suited to hold the conference Indeed as a newly built city it showcases a great amount of modern creative architecture whose pure lines and original shapes o er a favorable context for the topic of Geometry Discrete Geometry for Computer Imagery Ehoud Ahronovitz, Christophe Fiorio, 1997-11-19 This book constitutes the refereed proceedings of the 7th International Workshop on Discrete Geometry for Computer Imagery DGCI 97 held in Montpellier France in December 1997 The volume presents 17 revised full papers together with three invited full papers The contributions are organized in sections on 2D recognition discrete shapes and planes surfaces topology features and from principles to applications **Discrete Geometry for Computer Imagery** Isabelle Debled-Rennesson, Eric Domenjoud, Bertrand Kerautret, Philippe Even, 2011-03-29 This book constitutes the refereed proceedings of the 16th IAPR International Conference on Discrete Geometry for Computer Imagery DGCI 2011 held in Nancy France in April 2011 The 20 revised full papers and 20 revised poster papers presented together with 3 invited lectures were carefully reviewed and selected from numerous submissions. The papers are organized in topical sections on models for discrete geometry discrete and combinatorial topology geometric transforms discrete shape representation recognition and analysis discrete tomography morphological analysis as well as discrete and combinatorial tools for image segmentation and analysis Discrete Geometry for Computer Imagery Eric Andres, Guillaume Damiand, Pascal Lienhardt.2005-03-31 This book constitutes the refereed proceedings of the 12th International Conference on Discrete Geometry for Computer Imagery DGCI 2005 held in Poitiers France in April 2005 The 36 revised full papers presented together with an invited paper were carefully reviewed and selected from 53 submissions. The papers are organized in topical sections on applications discrete hierarchical geometry discrete tomography discrete topology object properties reconstruction and recognition uncertain geometry and visualization Discrete Geometry for Computer Imagery Walter G. Kropatsch, Nicole M. Artner, Ines Janusch, 2017-09-01 This book constitutes the thoroughly refereed proceedings of the 20th IAPR International Conference on Discrete Geometry for Computer Imagery DGCI 2017 held in Vienna Austria in September 2017 The 28 revised full papers presented together with 3 invited talks were carefully selected from 36 submissions The papers are organized in topical sections on geometric transforms discrete tomography discrete modeling and visualization morphological analysis discrete shape representation recognition and analysis discrete and combinatorial topology discrete models and tools models for discrete geometry **Discrete Geometry for Computer Imagery** Attila Kuba, László G. Nyúl, Kálmán Palágyi, 2006-10-13 This book constitutes the refereed proceedings of the 13th International Conference on Discrete Geometry for Computer Imagery DGCI 2006 held in Szeged Hungary in October 2006 The 28 revised full papers and 27 revised poster papers presented together with two invited papers were carefully reviewed and selected from 99

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