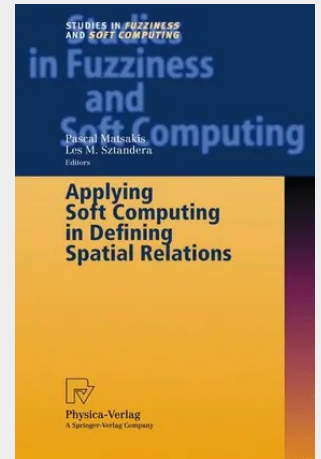


Applying Soft Computing in Defining Spatial Relations

Geometric properties and relations play central roles in the description and processing of spatial data. The properties and relations studied by mathematicians usually have precise definitions, but verbal descriptions often involve imprecisely defined concepts such as elongatedness or proximity. The methods used in soft computing provide a framework for formulating and manipulating such concepts. This volume contains eight papers on the soft definition and manipulation of spatial relations and gives a comprehensive summary on the subject.

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53,49 €

49,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783790815047

Medium: Buch

ISBN: 978-3-7908-1504-7

Verlag: Physica

Erscheinungstermin: 04.09.2002

Sprache(n): Englisch

Auflage: 2002

Serie: Studies in Fuzziness and Soft Computing

Produktform: Gebunden

Gewicht: 1100 g

Seiten: 205

Format (B x H): 160 x 241 mm

