



Intelligent Web and Mobile Cartographic Map Generation

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Condition: New. Publisher/Verlag: VDM Verlag Dr. Müller | Towards an enhanced personalized content | Currently, users worldwide can get cartographic maps easily on the internet or on their mobile devices. These maps are commonly generated, on-the-fly, by extracting and displaying pre-processed data, stored beforehand in specific databases. Though rapid, this approach does not provide the user with the right data, represented in the right way, at the right time. In order to achieve this goal and thus personalize the content of the map, there is a need for a solution that displaces, exaggerates, scales down, and/or eliminates the spatial objects according to the requirements and profile of the user as well as the intended use of the map. In this book, we are tackling the issue of on-the-fly, autonomous, and intelligent map generation. By emphasizing the use of multiagent systems, we are proposing an approach that progressively generates, transfers, and displays the content of the map according to a decreasing order of its importance for the user. Ultimately, the approach allows for the generations of personalized maps where data having little or no importance for the user do not clutter the limited display screens. | Format: Paperback | Language/Sprache: english...

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