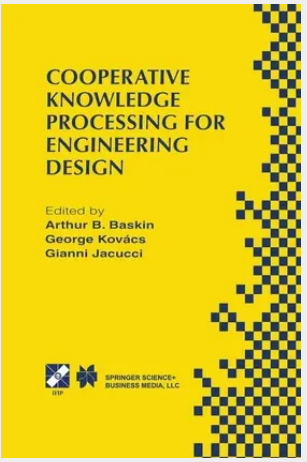
Baskin / Kovacs / Jacucci

Cooperative Knowledge Processing for Engineering Design



Cooperative working environments and their development are becoming increasingly important and ever more frequent in different industrial sectors and this book provides a scientific approach for managing Team Engineering. Meta-cognitive knowledge and networks are identified as the key resources enabling engineering teams to work effectively and to reduce engineering time and this book illustrates how computer support can aid cooperative work within the context of practical methodologies and examples. The fields covered in the book include:

- State-of-the-art research in cooperative learning tools;
- Practical examples and methodologies illustrating the implementation of cooperative networks; and
- An interdisciplinary approach to team engineering.

This valuable new book is sponsored by the International Federation for Information Processing (IFIP) and will be essential reading for researchers, engineers, technical managers involved in the development of advanced applications for engineering and manufacturing, and software design and engineering.

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