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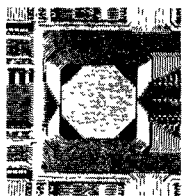
NEXT- GENERATION COMPUTERS

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symbolic information a thousand times faster than anything we have today.

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NEXT-GENERATION COMPUTERS reveals how the new computer capabilities are likely to change the way you perform your job, the new products you are likely to take part in designing, the various ways your job life could be affected.

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This book will increase your awareness of the opportunities and pitfalls that could lie ahead, will help you and your company's management to make informed, intelligent decisions about the parts you will be playing in the scenario of things to come.

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About this book

Based in part on articles in the *Spectrum* special issue "Tomorrow's Computers," **NEXT-GENERATION COMPUTERS** includes contributions by 40 recognized leaders in artificial intelligence, hardware and software, architecture, and technology assessment. Major features include:

- A review of current developments in the key, emerging technologies of artificial intel-



A choice to delay or not to adopt these technologies is equivalent to accepting a significantly lower standard of living.
M. Granger Morgan,
Carnegie-Mellon U.

ligence, computer vision, expert systems, and many more.

- A special tutorial review section that provides a solid foundation in each of the major technologies.

- A look at the competing teams and players worldwide who are intent on being first with tomorrow's machines, including time-lines showing the probable development of constituent technologies.

- An in-depth analysis by leading engineers, scientists and technology-watchers on what the future is likely to hold.

Spectrum Series

This is the first title in the new *Spectrum* Series of books to be published by the IEEE PRESS. Upcoming volumes will be single-topic books devoted to such areas as design case histories, innovation, engineering management and retrospective themes. Each volume will be produced by the expert editors who have earned for *Spectrum* two National Magazine Awards for excellence.



NEXT-GENERATION COMPUTERS

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