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List of symbols; References; Chapter 6 Micron-sized systems: In carbo vs. in silico; 6.1 Introduction; 6.2 Information: A quantitative treatment; 6.3 Abstract information processors; 6.4 In silico and in carbo systems: A design perspective; 6.5 In carbo long-term memory: Storing information in DNA; 6.6 In carbo logic information procession; 6.7 In carbo sensors; 6.8 In carbo communication; 6.9 In carbo energy source; 6.10 Benchmark in carbo information processor; 6.11 Summary; Appendix: Choice of probability values to maximize the entropy function; List of symbols  
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## Sommario/riassunto

Microsystems for Bioelectronics is the ultimate guide in the biomedical application industry. It provides a physics-based assessment of the limitless potential of miniaturization technologies. This book goes far beyond the complete design of the final systems. It also discusses the developments of computation and communication subsystems. The future of this technology lies in understanding the scaling limits for the individual systems. This includes all of its components and the fundamental energy source that powers all autonomous microsystems. Rapid advances in microfabrication te

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