DESCRIPTION

This text is based on a simple and fully reactive computational model that allows for intuitive comprehension and logical designs. The principles and techniques presented can be applied to any distributed computing environment (e.g., distributed systems, communication networks, data networks, grid networks, internet, etc.). The text provides a wealth of unique material for learning how to design algorithms and protocols perform tasks efficiently in a distributed computing environment.

ABOUT THE AUTHOR

NICOLA SANTORO, PhD, is Professor of Computer Science at Carleton University. Dr. Santoro has been involved in distributed computing from the beginning of the field. He has contributed extensively on the algorithmic aspects, authoring many seminal papers. He is a founder of the main theoretical conferences in the field (PODC, DISC, SIROCCO). His current research is on distributed algorithms for mobile agents, autonomous mobile robots, and mobile sensor networks.