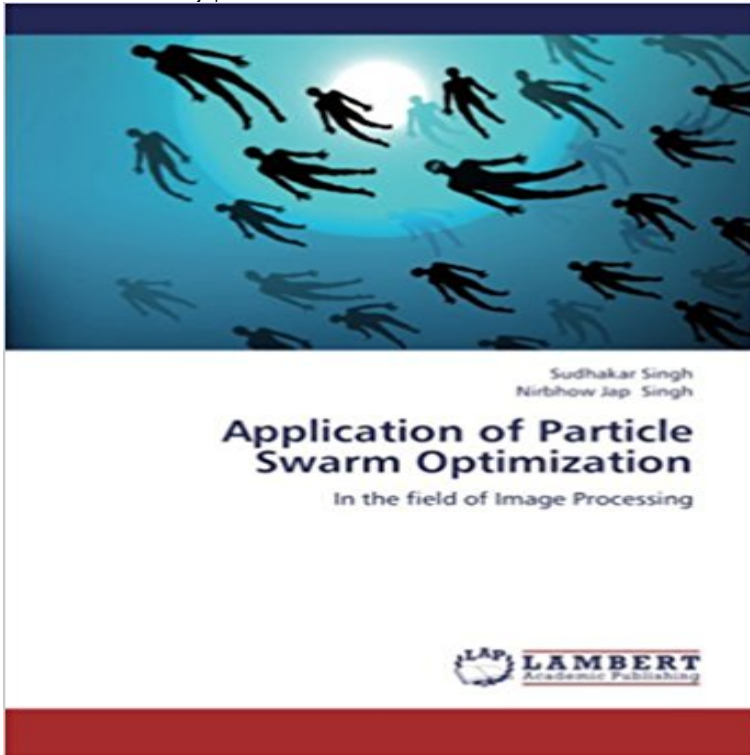


Application of Particle Swarm Optimization: In the field of Image Processing



This lucid comprehensive but concise book extensively discuss the application of Particle Swarm Optimization in Object detection, image is a fundamental component of artificial intelligence and computer vision. Object detection methods are used in various areas such as science, engineering, medical applications, etc. Emphasis has been given to template matching technique. Particle swarm optimization is a stochastic, population-based search and optimization algorithm for problem solving. It is a kind of swarm intelligence that is based on social-psychological principles and provides insights into social behavior, as well as contributing to engineering applications. This is a very advance methodology used in images for solving the problems. The compendious approach to the subject as adopted in this book is extremely useful for the research student to understand the application of PSO with image processing in a short time.

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