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Nota di contenuto	Introduction -- Performance Evaluation of Block Matching Algorithms for Video Coding -- Fast Motion Estimation using Modified Orthogonal Search Algorithm for Video Compression -- Dynamic Motion Detection Techniques -- Conclusion and Research Directions -- Bibliography.
Sommario/riassunto	The book deals with the development of a methodology to estimate the motion field between two frames for video coding applications. This book proposes an exhaustive study of the motion estimation process in the framework of a general video coder. The conceptual explanations are discussed in a simple language and with the use of suitable figures. The book will serve as a guide for new researchers working in the field of motion estimation techniques.