1.	Record Nr.	UNINA9910437595703321
	Autore	Ahad Md. Atiqur Rahman
	Titolo	Motion history images for action recognition and understanding / / Md. Atiqur Rahman Ahad
	Pubbl/distr/stampa	New York, : Springer, 2013
	ISBN	1-283-94600-9
		1-4471-4730-8
	Edizione	[1st ed. 2013.]
	Descrizione fisica	1 online resource (131 p.)
	Collana	SpringerBriefs in computer science, , 2191-5768
	Disciplina	006.3/7
		006.37
	Soggetti	Visual perception
		Recognition (Psychology)
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Introduction -- Action Representation -- Motion History Image -- Action Datasets and MHI.
	Sommario/riassunto	Human action analysis and recognition is a relatively mature field, yet one which is often not well understood by students and researchers. The large number of possible variations in human motion and appearance, camera viewpoint, and environment, present considerable challenges. Some important and common problems remain unsolved by the computer vision community. However, many valuable approaches have been proposed over the past decade, including the motion history image (MHI) method. This method has received significant attention, as it offers greater robustness and performance than other techniques. This work presents a comprehensive review of these state-of-the-art approaches and their applications, with a particular focus on the MHI method and its variants.