1. Record Nr.   UNISA996465687903316

   Titolo   Medical Computer Vision: Algorithms for Big Data [[electronic resource]
                        ] : International Workshop, MCV 2015, Held in Conjunction with MICCAI
                        2015, Munich, Germany, October 9, 2015, Revised Selected Papers / /
                        edited by Bjoern Menze, Georg Langs, Albert Montillo, Michael Kelm,
                        Henning Müller, Shaoting Zhang, Weidong Cai, Dimitris Metaxas

   Pubbl/distr/stampa   Cham : , : Springer International Publishing : , : Imprint : Springer, ,
                        2016

   ISBN   3-319-42016-X

   Edizione   [1st ed. 2016.]

   Descrizione fisica   1 online resource (XV, 182 p. 70 illus.)

   Collana   Image Processing, Computer Vision, Pattern Recognition, and Graphics ;
                        ; 9601

   Disciplina   610.285

   Soggetti   Optical data processing
                        Pattern recognition
                        Health informatics
                        Image Processing and Computer Vision
                        Pattern Recognition
                        Health Informatics

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Nota di contenuto   Pedicting disease -- Atlas exploitation and avoidance -- Machine
                        learning based analyses -- Advanced methods for image analysis --
                        Poster sessions.

   Sommario/riassunto   This book constitutes the thoroughly refereed prost-workshop
                        proceedings of the International Workshop on Medical Computer
                        Vision: Algorithms for Big Data, MCS 2015, held in Munich, Germany, in
                        October 2015, held in conjunction with the 18th International
                        Conference on Medical Image Computing and Computer-Assisted
                        Intervention, MICCAI 2015. The workshop shows well the current
                        trends and tendencies in medical computer vision and how the
                        techniques can be used in clinical work and on large data sets. It is
                        organized in the following sections: predicting disease; atlas
                        exploitation and avoidance; machine learning based analyses; advanced

methods for image analysis; poster sessions. The 10 full, 5 short, 1 invited papers and one overview paper presented in this volume were carefully reviewed and selected from 22 submissions.