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   Soggetti   Optical data processing
                         Pattern recognition
                         Artificial intelligence
                         Algorithms
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                         Computer graphics
                         Image Processing and Computer Vision
                         Pattern Recognition
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   Nota di contenuto   Brain lesion image analysis -- Brain tumor image segmentation -- Ischemic stroke lesion image segmentation.

   Sommario/riassunto   This book constitutes the thoroughly refereed post-workshop proceedings of the International Workshop on Brain Lesion (BrainLes), Brain Tumor Segmentation (BRATS) and Ischemic Stroke Lesion Segmentation (ISLES), held in Munich, Germany, on October 5, 2015, in

conjunction with the International Conference on Conference on Medical Image Computing and Computer-Assisted Intervention, MICCAI 2015. The 25 papers presented in this volume were carefully reviewed and selected from 28 submissions. They are grouped around the following topics: brain lesion image analysis; brain tumor image segmentation; ischemic stroke lesion image segmentation.