

Radon Transforms And Tomography

The Radon Transform and Medical Imaging - SIAM -

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The Radon Transform and Local Tomography. Alexander G. Ramm, Alex I. Katsevich

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1 Computerized Tomography, X-rays, and the Radon Transform 1.1 Introduction The purpose of this chapter is to give an informal introduction to the subject of tomo-

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The word tomography comes from the Greek tomos meaning cut or slice. Computerized axial tomography (CAT), also referred to simply as computed tomography (CT

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This book surveys the main mathematical ideas and techniques behind some well-established imaging modalities such as X-ray CT and emission tomography, as well as a

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