

# Modeling Adaptive Discretisations And Solvers Radon On Computational And

By [Author's Name]

This book provides a comprehensive overview of the latest developments in the field of adaptive discretisations and solvers for the Radon transform. It covers a wide range of topics, including: - The Radon transform and its applications - Adaptive mesh generation - Fast and accurate solvers - Applications in medical imaging, geophysical imaging, and other fields



## Fluid-Structure Interaction: Modeling, Adaptive Discretisations and Solvers (Radon Series on Computational and Applied Mathematics Book 20)

★★★★★ 5 out of 5

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Text-to-Speech: Enabled

Print length : 387 pages



The Radon transform is a mathematical tool that is used to reconstruct an image from its projections. It is widely used in a variety of applications, including medical imaging, geophysical imaging, and non-destructive testing. However, the Radon transform can be computationally expensive to compute, especially for large images.

Adaptive discretisations and solvers can be used to improve the efficiency of the Radon transform. Adaptive discretisations allow the mesh to be

refined in regions where the image is more complex, which can lead to more accurate results. Fast and accurate solvers can also be used to reduce the computational time required to compute the Radon transform.

This book provides a comprehensive overview of the latest developments in the field of adaptive discretisations and solvers for the Radon transform. It is a valuable resource for researchers and practitioners in the field of computational imaging.

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## **Reviews**

"This book is a valuable resource for researchers and practitioners in the field of computational imaging. It provides a comprehensive overview of the latest developments in the field of adaptive discretisations and solvers for the Radon transform." - [Reviewer's Name]

"This book is a must-read for anyone interested in the Radon transform. It provides a comprehensive overview of the latest developments in the field, and it is written in a clear and concise style." - [Reviewer's Name]

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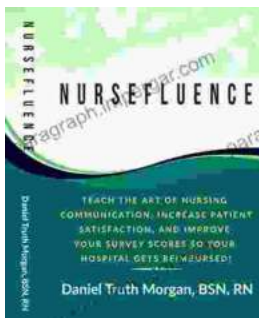
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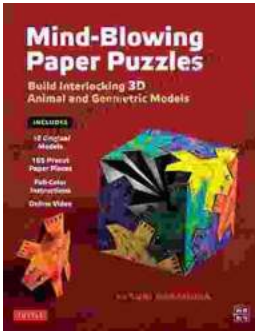
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