

Discrete Mathematical Problems with Medical Applications

This volume presents selected papers from a three-day workshop held during the DIMACS special years on Mathematical Support for Molecular Biology. Participants from the world over attended, giving the workshop an important international component. The study of discrete mathematics and optimization with medical applications is emerging as an important new research area. Significant applications have been found in medical research, for example in radiosurgical treatment planning, virtual endoscopy, and more. This volume presents a substantive cross-section of active research topics ranging from medical imaging to human anatomy modeling, from gamma knife treatment planning to radiation therapy, and from epileptic seizures to DNA screening. This book is an up-to-date resource reflecting current research directions.



112,50 €

105,14 € (zzgl. MwSt.)

Nicht mehr lieferbar

Artikelnummer: 9780821820964

Medium: Buch

ISBN: 978-0-8218-2096-4

Verlag: American Mathematical Society

Erscheinungstermin: 30.12.2000

Sprache(n): Englisch

Auflage: Erscheinungsjahr 2000

Produktform: Gebunden

Gewicht: 652 g

