

1. Record Nr.	UNISALENTO991003591619707536
Autore	Alpins, Noel
Titolo	Practical astigmatism : planning and analysis / Noel Alpins
ISBN	9781617119958 (hardback)
Descrizione fisica	xxiv, 216 pages : color illustrations ; 26 cm
Classificazione	LC RE932 617.7
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Soggetti	Astigmatism - Surgery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index
Sommario/riassunto	"The surgical correction of astigmatism is the last frontier to optimizing visual outcomes for patients. Practical Astigmatism: Planning and Analysis is a comprehensive guide to correcting astigmatism from pre-operative planning to post-operative analysis. This provides readers with unique insight to what actually happened surgically: did the astigmatism over or under correct? Was it on-axis or off-axis? With this book, ophthalmologists will be able to analyze previous procedures with the appropriate nomograms and more often achieve targeted outcomes. Dr. Noel Alpins has developed the Alpins Method of astigmatism to provide accurate planning and analysis of astigmatism procedures. His method focuses on analyzing refractive and corneal astigmatism parameters and using the results in future surgery to improve visual outcomes. The importance of the ocular residual astigmatism (ORA) is detailed when planning astigmatism surgery. Practical Astigmatism features vector planning for refractive laser surgery as well as planning and analysis applied to cataract and limbal relaxing incisions, in addition to demonstrating graphical analysis of astigmatism using high quality vector and fan diagrams, as used in scientific journals. In addition, hemidivisional analysis of the irregular cornea, corneal coupling in incisional and excimer laser surgery for mixed astigmatism and toric IOL planning with total corneal power using corneal topographic astigmatism (CorT total) are addressed as

well. Some Questions Answered Inside: What is the difference between regular and irregular astigmatism? How do I diagnose each, and how does this affect my surgical technique? Can I incorporate corneal astigmatism when performing excimer laser surgery? Why are my LRIs undercorrecting the astigmatism? Is it safe to perform excimer laser on keratoconus patients? Which corneal astigmatism measure do I choose and what do I do following a refractive surprise? Practical Astigmatism: Planning and Analysis will help ophthalmologists, optometrists, and technicians alike address each patient's unique circumstances and act as your in-depth guide to correcting astigmatism. Testimonials... "For more than three decades I have been listening to, arguing with, and admiring the work of Dr. Noel Alpines in the field of astigmatism. Despite his remote location on the small island of Australia, his knowledge of astigmatism is at the peak of Mt. Everest. There are few others who have devoted their careers to understanding and managing astigmatism for which the world of ophthalmology is truly grateful." - Robert H. Osher, MD "Noel is an original thinker who took on and conquered the complexities of astigmatism analysis, publishing the seminal papers on the way. His work has formed the cornerstone from which our current understanding and management of astigmatism has been built. He is someone from whom we have all learnt a great deal and this book is a testament to this." - Dan Z Reinstein, MD MA(Cantab) FRCSC DABO FRCOphth FEBO"--Provided by publisher

2. Record Nr.	UNINA9910299469203321
Titolo	Proceedings of the Eighth International Conference on Management Science and Engineering Management : Focused on Computing and Engineering Management // edited by Jiuping Xu, Virgílio António Cruz-Machado, Benjamin Lev, Stefan Nickel
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Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (782 p.)
Collana	Advances in Intelligent Systems and Computing, , 2194-5365 ; ; 281
Disciplina	658.404
Soggetti	Operations research Telecommunication Production management Operations Research and Decision Theory Communications Engineering, Networks Operations Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Part V Computing Methodology -- Part VI Project Management -- Part VII Industrial Engineering -- Part VIII Information Technology -- Author Index.
Sommario/riassunto	This is the Proceedings of the Eighth International Conference on Management Science and Engineering Management (ICMSEM) held from July 25 to 27, 2014 at Universidade Nova de Lisboa, Lisbon, Portugal and organized by International Society of Management Science and Engineering Management (ISMSEM), Sichuan University (Chengdu, China) and Universidade Nova de Lisboa (Lisbon, Portugal). The goals of the conference are to foster international research collaborations in Management Science and Engineering Management as well as to provide a forum to present current findings. A total number of 138 papers from 14 countries are selected for the proceedings by the conference scientific committee through rigorous referee review. The

selected papers in the second volume are focused on Computing and Engineering Management covering areas of Computing Methodology, Project Management, Industrial Engineering and Information Technology.
