Introduction to Microdisplays

By David Armitage, Ian Underwood, Shin-Tson Wu

Introduction to Microdisplays By David Armitage, Ian Underwood, Shin-Tson Wu

Microdisplays are tiny, high-resolution electronic displays, designed for use in magnifying optical systems such as HDTV projectors and near-eye personal viewers. As a result of research and development into this field, Microdisplays are   incorporated in a variety of visual electronics, notably new 3G portable communications devices, digital camera technologies, wireless internet applications, portable DVD viewers and wearable PCs.

Introduction to Microdisplays encapsulates this market through describing in detail the theory, structure, fabrication and applications of Microdisplays. In particular this book:

- Provides excellent reference material for the Microdisplay industry through including an overview of current applications alongside a guide to future developments in the field
- Covers all current technologies and devices such as Silicon Wafer Backplane Technology, Liquid Crystal Devices, Micromechanical Devices, and the emerging area of Organic Light Emitting Diodes
- Presents guidance on the design of applications of Microdisplays, including Microdisplays for defence and telecoms, from basic principles through to their performance limitations

Introduction to Microdisplays is a thorough and comprehensive reference on this emerging topic. It is essential reading for display technology manufacturers, developers, and system integrators, as well as practising electrical engineers, physicists, chemists and specialists in the display field. Graduate students, researchers, and developers working in optics, material science, and telecommunications will also find this a valuable resource.

The Society for Information Display (SID) is an international society, which has the aim of encouraging the development of all aspects of the field of information display. Complementary to the aims of the society, the Wiley-SID series is intended to explain the latest developments in information display technology at a professional level. The broad scope of the series addresses all facets of information displays from technical aspects through systems and prototypes to standards and ergonomics

Introduction to Microdisplays

By David Armitage, Ian Underwood, Shin-Tson Wu

Introduction to Microdisplays By David Armitage, Ian Underwood, Shin-Tson Wu

Microdisplays are tiny, high-resolution electronic displays, designed for use in magnifying optical systems such as HDTV projectors and near-eye personal viewers. As a result of research and development into this field, Microdisplays are   incorporated in a variety of visual electronics, notably new 3G portable communications devices, digital camera technologies, wireless internet applications, portable DVD viewers and wearable PCs.

Introduction to Microdisplays encapsulates this market through describing in detail the theory, structure, fabrication and applications of Microdisplays. In particular this book:

- Provides excellent reference material for the Microdisplay industry through including an overview of current applications alongside a guide to future developments in the field
- Covers all current technologies and devices such as Silicon Wafer Backplane Technology, Liquid Crystal Devices, Micromechanical Devices, and the emerging area of Organic Light Emitting Diodes
- Presents guidance on the design of applications of Microdisplays, including Microdisplays for defence and telecoms, from basic principles through to their performance limitations

Introduction to Microdisplays is a thorough and comprehensive reference on this emerging topic. It is essential reading for display technology manufacturers, developers, and system integrators, as well as practising electrical engineers, physicists, chemists and specialists in the display field. Graduate students, researchers, and developers working in optics, material science, and telecommunications will also find this a valuable resource.

The Society for Information Display (SID) is an international society, which has the aim of encouraging the development of all aspects of the field of information display. Complementary to the aims of the society, the Wiley-SID series is intended to explain the latest developments in information display technology at a professional level. The broad scope of the series addresses all facets of information displays from technical aspects through systems and prototypes to standards and ergonomics

Introduction to Microdisplays By David Armitage, Ian Underwood, Shin-Tson Wu Bibliography

- Sales Rank: #887236 in Books
- Published on: 2006-10-20
- Original language: English

- Number of items: 1
- Dimensions: 9.90" h x 1.10" w x 6.90" l, 1.99 pounds
- Binding: Hardcover
- 396 pages

Download and Read Free Online Introduction to Microdisplays By David Armitage, Ian Underwood, Shin-Tson Wu

---

Editorial Review

From the Inside Flap

Microdisplays are tiny, high-resolution electronic displays, designed for use in magnifying optical systems such as HDTV projectors and near-eye personal viewers. As a result of research and development into this field, Microdisplays are incorporated in a variety of visual electronics, notably new 3G portable communications devices, digital camera technologies, wireless internet applications, portable DVD viewers and wearable PCs.

Introduction to Microdisplays encapsulates this market through describing in detail the theory, structure, fabrication and applications of Microdisplays. In particular this book:

- Provides excellent reference material for the Microdisplay industry through including an overview of current applications alongside a guide to future developments in the field
- Covers all current technologies and devices such as Silicon Wafer Backplane Technology, Liquid Crystal Devices, Micromechanical Devices, and the emerging area of Organic Light Emitting Diodes
- Presents guidance on the design of applications of Microdisplays, including Microdisplays for defence and telecoms, from basic principles through to their performance limitations

Introduction to Microdisplays is a thorough and comprehensive reference on this emerging topic. It is essential reading for display technology manufacturers, developers, and system integrators, as well as practising electrical engineers, physicists, chemists and specialists in the display field. Graduate students, researchers, and developers working in optics, material science, and telecommunications will also find this a valuable resource.

About the Author
David Armitage, Consultant, Los Altos, CA94024, USA

Dr Ian Underwood, Reader, Dept of Electrical Engineering, The University of Edinburgh, King's Buildings, Mayfield Road, Edinburgh EH9 3JL, Scotland

Dr Shin-Tson Wu, Provost Professor of Optics, University of Central Florida, School of Optics – CREOL, 4000 Central Florida Boulevard PO Box 162700, Orlando, Florida 32816-2700, USA

Users Review

From reader reviews:

Arthur Bennett:

Nowadays reading books become more than want or need but also get a life style. This reading practice give you lot of advantages. The huge benefits you got of course the knowledge the actual information inside the book that improve your knowledge and information. The data you get based on what kind of publication you read, if you want drive more knowledge just go with training books but if you want feel happy read one with theme for entertaining for example comic or novel. The particular Introduction to Microdisplays is kind of

guide which is giving the reader capricious experience.

Irma Patterson:

The actual book Introduction to Microdisplays has a lot of knowledge on it. So when you make sure to read this book you can get a lot of help. The book was published by the very famous author. Tom makes some research previous to write this book. This particular book very easy to read you can find the point easily after perusing this book.

Louis Hartford:

Reading a book to get new life style in this 12 months; every people loves to examine a book. When you read a book you can get a lot of benefit. When you read textbooks, you can improve your knowledge, simply because book has a lot of information in it. The information that you will get depend on what kinds of book that you have read. If you need to get information about your research, you can read education books, but if you act like you want to entertain yourself look for a fiction books, these kinds of us novel, comics, in addition to soon. The Introduction to Microdisplays offer you a new experience in reading through a book.

Pat Tran:

A lot of reserve has printed but it is unique. You can get it by web on social media. You can choose the best book for you, science, amusing, novel, or whatever by searching from it. It is named of book Introduction to Microdisplays. Contain your knowledge by it. Without departing the printed book, it could add your knowledge and make an individual happier to read. It is most essential that, you must aware about reserve. It can bring you from one destination for a other place.

Download and Read Online Introduction to Microdisplays By David Armitage, Ian Underwood, Shin-Tson Wu #AJF6QY97W4H

Read Introduction to Microdisplays By David Armitage, Ian Underwood, Shin-Tson Wu for online ebook

Introduction to Microdisplays By David Armitage, Ian Underwood, Shin-Tson Wu Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Introduction to Microdisplays By David Armitage, Ian Underwood, Shin-Tson Wu books to read online.

Online Introduction to Microdisplays By David Armitage, Ian Underwood, Shin-Tson Wu ebook PDF download

Introduction to Microdisplays By David Armitage, Ian Underwood, Shin-Tson Wu Doc

Introduction to Microdisplays By David Armitage, Ian Underwood, Shin-Tson Wu Mobipocket

Introduction to Microdisplays By David Armitage, Ian Underwood, Shin-Tson Wu EPub

AJF6QY97W4H: Introduction to Microdisplays By David Armitage, Ian Underwood, Shin-Tson Wu