



# Digital Photoelasticity: Advanced Techniques and Applications

By K. Ramesh

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**Digital Photoelasticity: Advanced Techniques and Applications** By K. Ramesh

A straightforward introduction to basic concepts and methodologies for digital photoelasticity, providing a foundation on which future researchers and students can develop their own ideas. The book thus promotes research into the formulation of problems in digital photoelasticity and the application of these techniques to industries. In one volume it provides data acquisition by Dip techniques, its analysis by statistical techniques, and its presentation by computer graphics plus the use of rapid prototyping technologies to speed up the entire process. The book not only presents the various techniques but also provides the relevant time-tested software codes. Exercises designed to support and extend the treatment are found at the end of each chapter.

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## **Digital Photoelasticity: Advanced Techniques and Applications** By K. Ramesh Bibliography

- Sales Rank: #6329019 in Books
- Published on: 2013-12-31
- Released on: 2013-12-31
- Original language: English
- Number of items: 1
- Dimensions: 9.25" h x .98" w x 6.10" l, 1.33 pounds
- Binding: Paperback
- 410 pages

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