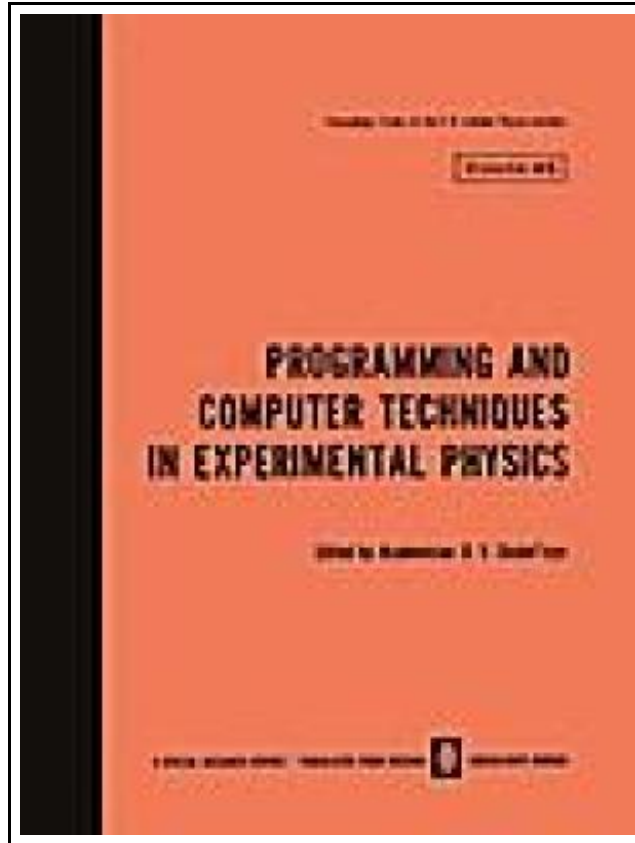


Programming and Computer Techniques in Experimental Physics



Filesize: 1.46 MB

Reviews

Good e-book and useful one. It typically does not expense an excessive amount of. I am just delighted to tell you that this is basically the finest book we have read during my very own existence and could be he best ebook for actually.

(Audra Hodkiewicz)

PROGRAMMING AND COMPUTER TECHNIQUES IN EXPERIMENTAL PHYSICS



Springer Apr 2012, 2012. Taschenbuch. Book Condition: Neu. 279x210x7 mm. This item is printed on demand - Print on Demand Neuware - Inhaltsangabe

The Calculation of Nucleon Cascades in Nuclei by the Monte-Carlo Method.- Beam Behavior in a Sector Cyclotron.- 1. Harmonic Analysis of the Magnetic Field.- 2. Determination of Equilibrium Orbits.- 3. Orbit Stability, Betatron Oscillations.- 4. Analysis of Vertical Motion.- 5. The Calculation of Trajectories for Ion Drift in an Inhomogeneous Magnetic Field.- Literature Cited.- Vassal (Automatic Memory Allocation System).- 1. Input Language for the Vassal Translator.- 2. Some Remarks on Programming in Vassal.- 3. Translator Operation.- 4. Rules for Pending Vassal Program.- Literature Cited.- Determination of Reactions Cross Sections from Counter-Telescope Data.- I. Relation Between the Output and the Cross Section.- 1. Formulation of Experiment. Definitions.- 2. Calculation of the Cross Section from the Output without Correction for Multiple Scattering.- 3. Multiple Scattering.- II. Calculation of the Output in the Case of the Compton Effect and the Photoproduction of Neutral Mesons on Hydrogen.- 1. Definitions and Additional Restrictions.- 2. Evaluation of the Multiple Integral.- 3. Analysis of the Output Integrand.- 4. Determination of the Range of Integration for the Entire Integrand.- III. Program for Calculations on the M-20 Computer.- 1. Description of Program.- 2. Program Checks.- 3. Conclusions.- Literature Cited.- Typical and Atypical Failures of the General-Purpose Computer M-20, Methods of Localization and Elimination.- I. Failure Detection from the Control Console.- 1. Tests and Test Problems.- 2. Fault Analysis in the Execution of Individual Instructions.- II. Failure Detection by Technical Means.- 1. Choice of Synchronization Method for the Localization of Intermittent Failures.- 2. Utilization of Auxiliary Circuits for the Localization of Transient Failures.- 3. Preventive Maintenance.- III. Typical Failures of the Basic Devices on M-20.- 1. Typical Failures of CM and Their Elimination.- 2. Typical Failures in Backup...



Read Programming and Computer Techniques in Experimental Physics Online

Download PDF Programming and Computer Techniques in Experimental Physics

Relevant eBooks



Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG,...

[Read Book »](#)



Programming in D

Ali Cehreliz 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers...

[Read Book »](#)



Yearbook Volume 15

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 58 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. This historic book may have numerous typos and missing text. Purchasers can usually download a free...

[Read Book »](#)



Have You Locked the Castle Gate?

Addison-Wesley Professional. Softcover. Book Condition: Neu. Gebraucht - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Is your computer safe Could an intruder sneak in and steal...

[Read Book »](#)



Carmilla

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 140 pages. Dimensions: 9.0in. x 6.0in. x 0.3in. Carmilla is a Gothic novella by Joseph Sheridan Le Fanu. First published in...

[Read Book »](#)