



Through the Looking Glass And What Alice Found There Volume 1899

By -

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 38 pages. Original publisher: Hampton, Va. : Institute for Computer Applications in Science and Engineering, NASA Langley Research Center ; Springfield, Va. : National Technical Information Service, distributor, 1990 OCLC Number: (OCoLC)60841924 Excerpt: . . . -11-of theslat. Theaveragewidthof theelementsontheairfoil surfacesis 0. 00001chordsr, esult-ing in cell aspectratiosof theorderof 1000: 1in theseregions. Theturbulencebackground meshesc, on-sistingof onelocal structuredmeshfor eachairfoil componenta, rede-pictedin Figure12. ThecomputedMachcontoursareshownin Figure14. Forthiscase, thefreestream Machnumberis 0. 5, theReynoldsnumberbasedonthechordis 4. 5million, andtheincidence is 2. 8 degreesA. t theseconditionst, he flow is supercriticala, nda shockis formedon the uppersurfaceof the slat, ascanbe seenfrom thefigure. Thecomputedshockis somewhat diffuse, andanincreasedmeshresolutionin this regionwouldberequiredto obtaina crisper shockdefinition. However, hesuddenthickeningof theboundarylayerasit interacts-with the shockis evidentfrom the computedMach contours. A small recirculationregionis also observedonthe-lowersurfaceof theslat. A comparisonof thecomputedsurfacepressure-dis-tributionwith theexperimentawl indtunneldatais givenin Figure15. Computedandexperi-mentalvaluesareseento agreefavorablyin all regionsd. emonstratinggoodnredictionof the

Reviews

Complete guide! Its this kind of very good read through. I really could comprehend almost everything out of this written e publication. Your lifestyle span is going to be transform the instant you complete looking over this book.

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Simply no phrases to explain. It is definitely simplistic but shocks from the fifty percent from the pdf. You may like the way the blogger write this ebook.

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