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RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 136 pages. Original publisher: Cleveland, Ohio: National Aeronautics and Space Administration, Lewis Research Center, 1986 OCLC Number: (OCoLC)57983163 Excerpt: . . . LIST OF TABLES Table 6 A Summary of Bodner-Partoms Model Material Constants in Bodner-Partom Constitutive Model 2. 3 Comparison of Bodner-Partom Model Constants Obtained for Hastelloy-X at 649 C Using the 16 Trial and Error and the y-Plot Methods 2. 4 Matrix of Tensile Tests with Strain Rate Jumps 23 for B1900 Hf 2. 5 Bodner-Partom Model Constants Determined for 29 B1900 Hf in the Optional Program 2. 6 Bodner-Partom Model Constants Determined for 33 B1900 Hf in the Base Program 3. 1 Isothermal Tensile, Cyclic and Creep Test 49 Matrices for Mar-M247 53 Bodner-Partom Model Constants for Mar-M247 Number of Stress Increments Used to Describe 86 the Flight 5. 2 Change in Stress and Strain From One Flight 90 to the Next 97 Step Sizes Used in Sensitivity Study Change in Stress, Strain and Back Stress 100 During Large Subincrement Time Step 5. 5 A Comparison of Computing Times for Three 105 Constitutive Model Routines 5. 6 Turbine Blade Structural Analysis Results 112 Obtained...





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