



Catia V5-6r2015: Functional Tolerancing Annotation (Paperback)

By Ascent - Center for Technical Knowledge

Ascent, Center for Technical Knowledge, United States, 2017. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.The CATIA V5-6R2015: Functional Tolerancing Annotation student guide is extensive hands-on course with numerous practices that helps you acquire the skills to create and display engineering, manufacturing, and assembly information directly on the 3D part, assembly, or process model. Students attending this course will receive a thorough understanding of geometric tolerances, dimensions, notes, and other annotations critical to the accurate and cost-effective creation of mechanical parts and assemblies. The 3D Functional Tolerancing and Annotation course complies with the industry and government initiated American Society of Mechanical Engineers (ASME) Y14.41 3D standards for the creation and submission of model only, paperless design applications. Topics Covered Introduction to Functional Tolerancing Annotation Workbench overview Annotation process Extracting 2D view from the 3D model Annotation planes and extraction views Construction geometry Semantic and non-semantic annotations Datum Reference Frames Tolerance Advisor Basic Dimensions Annotations: Text, Flag Notes, Datum Elements, Datum Targets, Roughness, Dimensions Restricted Areas Threads Annotation Visualization Tools: Query, Grouping, Leader Symbols, Annotation Mirror and Transfer, Filters Cameras and Captures Geometry Connection Management FTA analysis and reporting Product Functional Tolerance and Annotation workbench...



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