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based on a taxonomy for fault tolerance techniques and ii a systematic literature review of existing solutions for designing fault tolerant compositions using design diversity conclusion fault tolerant design 2013th edition kindle edition by elena dubrova author format kindle edition 5 0 5 ratings see all formats and editions kindle 16 82 49 99 read with our free app hardcover 67 42 75 17 4 used from 67 42 6 new from 75 17 tolerance analysis is the process that analyzes dimensional variations in mechanical parts and assemblies based on predefined tolerances the results enable designers to ensure assembly fit without spending too much time and money on machining why is tolerance analysis important for design to manufacturing coverage includes fault tolerance techniques through hardware software information and time redundancy the content is designed to be highly accessible including numerous examples and exercises solutions and powerpoint slides are available for instructors tolerance 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