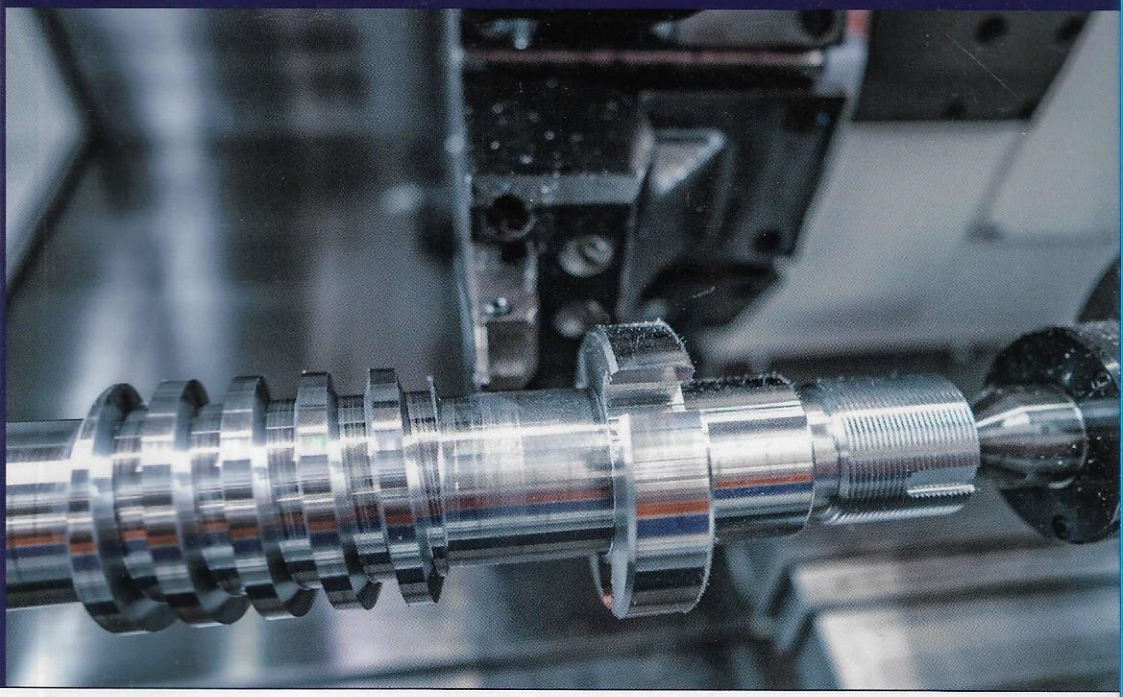

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# Catia V5 CAD CAM Exercise Manual





LAP LAMBERT Academic Publishing

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Cover image: www.ingimage.com

Publisher:
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is a trademark of
International Book Market Service Ltd., member of OmniScriptum Publishing Group
17 Meldrum Street, Beau Bassin 71504, Mauritius

Printed at: see last page
**ISBN: 978-620-0-09392-9**

## Content

CAD/CAM concerned with the engineering functions in both design and manufacturing. It denotes an integration of design and manufacturing activities by means of computer systems The goal is to not only automate certain phases of design and certain phases of manufacturing, but to also automate the transition from design to manufacturing. In the ideal CAD/CAM system, the product design specification residing in the CAD data base would be automatically converted into the process plan for making the product. Computer-aided design (CAD) or computer-aided design and drafting (CADD), is one form of automation that helps designers to create drawings, specifications, and elements that relate to the design by using special graphic effects and computer program calculations. The technology is used in various industries such as: architecture, electronics, automotive, aerospace, product design, etc.

Nanang Ali Sutisna is a CATIA CAD CAM consultant supporting automotive and aerospace industries in Indonesia while he was working for IBM from 1997 to 2008, he was a lecturer since 1983 at Polytechnic of Bandung and now teaching at President University since 2013 in the area of advanced design and manufacturing technology.

978-620-0-09392-9