



An Advanced Treatise on Fixture Design and Planning

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Fixtures are an essential part of manufacturing production. This book covers computer-aided fixture design, fixture clamping synthesis and optimization, workpiece-fixture interaction, intelligent fixtures designed to integrate with processing equipment so as to improve productivity and product quality, Internet-enabled fixture design and modular fixture database management. These are the emerging issues central to the development of computer-integrated manufacturing.

Covering the established knowledge of fixture design and the niche area of fixture system integration and Internet-enabled design, this book will be a prevalent reference for academics, manufacturing and industrial engineers, and a valuable text for engineering graduate students.