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| Nota di contenuto | Intro -- Introduction -- Historical Background -- Uniqueness of this Publication -- Intended Audience -- Organization of this Book -- Contents -- Editors and Contributors -- Chapter 1: Kinematic Foundations of Scientific Classification of Gearing -- 1.1 Introduction -- 1.1.1 Vector Diagram of Gear Pair -- 1.1.1.1 Vector Diagram of Gear Pair Having Zero Complementary Degrees-of-Freedom -- 1.1.1.2 Concept of Vector Representation of Gear Pair Kinematics -- 1.1.1.3 Vector Diagram of Gear Pair Having a Plurality of Complementary Degrees-of-Freedom -- 1.1.2 Classification of Gear Vector Diagrams -- 1.1.2.1 Gear Vector Diagrams for Three-Degree-of-Freedom Gearing -- 1.1.2.2 Gear Vector Diagrams for Two-Degree-of-Freedom Gearing -- 1.1.2.3 Gear Vector Diagrams for One-Degree-of-Freedom Gearing -- 1.1.2.4 Gear Vector Diagrams for Zero-Degree-of-Freedom Gearing (with no Complementary DoF) -- 1.1.3 Line of Contact of Favorable Geometry in a Gear Pair -- 1.1.4 On Classification of Approximate Gearing -- 1.1.4.1 Origination of the Term ``Gear Generic Surface'' -- 1.1.4.2 Evaluation of the Total Number of Possible Geometries of Gear Generic Surfaces -- 1.1.4.3 Possible Geometries of Axial Profile of Gear Generic Surfaces -- 1.1.4.4 Profile of Gear Generic Surface Constructed in Section by Plane at an Angle to Gear Axis -- 1.1.5 Possibility of Classification of Approximate Gearing -- 1.1.6 Examples of Implementation of Classification of Approximate Gearing -- 1.2 Concluding Remarks -- References -- Chapter 2: |

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