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| Nota di contenuto | Intro -- Preface -- About the Book -- Contents -- Abbreviations -- 1 Instruments for Measuring Gravity -- 1.1 Absolute Gravimeters -- 1.1.1 Types and Designs of Absolute Ballistic Gravimeters -- 1.1.2 Sources of Uncertainties and Corrections in Measurements with Absolute Ballistic Gravimeters -- 1.1.3 Metrological Assurance of Absolute Gravimeters -- 1.1.4 International Comparisons of Absolute Gravimeters -- 1.1.5 Comparisons of Absolute Gravimeters: The Results -- 1.1.6 Practical Applications of Absolute Free-Fall Acceleration Measurements -- 1.1.7 Conclusions -- 1.2 Chekan-Series Relative Gravimeters -- 1.2.1 Gravimeter Parts -- 1.2.2 Gravimeter Sensing Element -- 1.2.3 Biaxial Gyro Platform of the Gravimeter -- 1.2.4 Mathematical Model of the Gravimeter Sensing Element -- 1.2.5 Algorithms for Gyro Platform Correction -- 1.2.6 Calibration and Verification of the Chekan-AM Gravimeter -- 1.2.7 Conclusions -- 1.3 GT-2 Relative Gravimeters -- 1.3.1 Gravimeter Parts -- 1.3.2 Gravimeter Sensing Element -- 1.3.3 Circuit for Integrated Correction of the Gyro Platform Position -- 1.3.4 Mathematical Models of the Channels of Inertial Sensing Elements -- 1.3.5 Analysis of the Gravimeter Main Errors -- 1.3.6 Main Tasks of the Gravimeter Central Processing Unit -- 1.3.7 Conclusions -- References -- 2 Data Processing Methods for Onboard Gravity Anomaly Measurements -- 2.1 Chekan-Series Gravimeter Data Acquisition |

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