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2.2.3 Software for INS/GNSS Integration -- 2.2.4 Software for the Solution of the Basic Gravimetry Equation -- 2.2.5 Conclusion -- 2.3 Optimal and Adaptive Filtering and Smoothing Methods for Onboard Gravity Anomaly Measurements -- 2.3.1 General Formulation and Solution of Optimal Filtering and Smoothing Problems -- 2.3.2 Optimal Filtering and Smoothing Algorithms for Onboard Gravity Anomaly Measurements -- 2.3.3 Stationary Estimation Algorithms and Their Performance Analysis -- 2.3.4 Model and Parametric Identification of Gravity Anomaly and Measurement Errors Using Onboard Gravity Measurements -- 2.3.5 The Results of Using Adaptive Filtering and Smoothing Algorithms in Airborne Gravity Anomaly Measurements -- 2.3.6 Conclusion -- 2.4 Suboptimal Smoothing in Marine Gravimetric Surveys Using GT-2M Gravimeters -- 2.4.1 Constant-Delay Optimal and Suboptimal Smoothers for Continuous-Time Systems -- 2.4.2 Suboptimal Gravimetric Filter -- 2.4.3 Frequency Properties of the Suboptimal Gravimetric Filter -- 2.4.4 Results of the Experimental Data Processing -- 2.4.5 Conclusion -- 2.5 Using Spherical Wavelet Expansion to Combine Airborne Gravimetry Data and Global Gravity Field Model Data -- 2.5.1 Spherical Wavelet Expansion and Multiscale Representation of the Anomalous Gravity Field -- 2.5.2 Technique of Local Gravity Anomaly Determination from Airborne Gravimetry Data and Global Gravity Field Model Data Using Multiscale Representation -- 2.5.3 Multiscale Representation of Gravity Anomaly Based on Combination of Airborne Gravimetry Data and Global Gravity Field Model Data -- 2.5.4 Results of the Real Data Processing -- 2.5.5 Conclusion -- References -- 3 Methods for Determination and Calculation of Deflections of the Vertical -- 3.1 DOV Determination on a Moving Base -- 3.1.1 Basic Methods for DOV Determination.
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