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""3.1 Geometric models""""3.1.1 Rotations""; ""3.1.2 The geometry of terrestrial laser scanning""; ""3.1.3 The geometry of airborne laser scanning""; ""3.2 Systematic error sources and models""; ""3.2.1 Systematic errors and models of terrestrial laser scanning""; ""3.2.2 Errors and models for airborne laser scanning""; ""3.3 Registration""; ""3.3.1 Registration of terrestrial laser scanning data""; ""3.3.2 Registration of airborne laser scanning data""; ""3.4 System calibration""; ""3.4.1 Calibration of terrestrial laser scanners""; ""3.4.2 Calibration of airborne laser scanners""
""Summary""""""References""; ""Chapter 4 Extraction of Digital Terrain Models""; ""4.1 Filtering of point clouds""; ""4.1.1 Morphological filtering""; ""4.1.2 Progressive densification""; ""4.1.3 Surface-based filtering""; ""4.1.4 Segment-based filtering""; ""4.1.5 Filter comparison""; ""4.1.6 Potential of full-waveform information for advanced filtering""; ""4.2 Structure line determination""; ""4.3 Digital terrain model generation""; ""4.3.1 Digital terrain model determination from terrestrial laser scanning data""; ""4.3.2 Digital terrain model quality""
""4.3.3 Digital terrain model data reduction""