

Contents

1	A brief history of aerial survey	1
2	Principles of digital aerial photography	7
3	Sensors for aerial photography	19
4	Digital camera systems	37
5	Digital cameras for aerial photography	58
6	Survey aircraft, camera mounts and intervalometers	95
7	Survey flight management: tracking, GPS, mission planning	123
8	Digital survey planning and logistics	142
9	Photo-interpretation, objective analysis and image quality	146
10	Ground control acquisition	163
11	Principles and methods of digital photogrammetry	171
12	Digital survey missions: profiles and their applications	184
	Appendix A Unit conversions	205
	Appendix B Binary and ASCII codes	207
	Appendix C Suppliers, manufacturers and institutes	209
	Appendix D Air survey computer programs	212
	Glossary	230
	Bibliography	239
	Index	244