1. Record Nr. UNINA9910780681303321

Autore	Campbell Wayne
Titolo	The birds of British Columbia . Volume 3 Passerines : flycatchers through vireos / / by R. Wayne Campbell [and three others] ; book design, Irma Rodriguez, cover design, Chris Tyrrell ; copy-editor, Francis J. Chow ; cartographer, Eric Leinberger ; bird illustrations, Michael Hames ; front cover photograph, Antoinette Alexander ; back cover photograph, Mike H. Symons
Pubbl/distr/stampa	Vancouver, British Columbia : , : UBC Press, , 1997 ©1997
ISBN	1-283-13215-X 9786613132154 0-7748-5636-X
Edizione	[New ed.]
Descrizione fisica	1 online resource (700 p.)
Collana	Birds of British Columbia ; ; v. 3
Altri autori (Persone)	CampbellR. Wayne <1942-> (Robert Wayne) RodriguezIrma TyrrellChris ChowFrancis J LeinbergerEric HamesMichael AlexanderAntoinette SymonsMike H
Disciplina	598.09711
Soggetti	Birds - British Columbia Ornithology - British Columbia
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Published in cooperation with Environment Canada (Canadian Wildlife Service) and the British Columbia Ministry of Environment, Lands and Parks (Wildlife Branch)."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	volume 1. Nonpasserines : introduction, loons through waterfowl -- volume 2. Nonpasserines : diurnal birds of prey through woodpeckers -- volume 3. Passerines : flycatchers through vireos -- volume 4. Passerines : wood warblers through old world finches.
Sommario/riassunto	British Columbia has one of the richest assemblages of bird species in

		the world. The four volumes of The Birds of British Columbia provide unprecedented coverage of this region's birds, presenting a wealth of information on the ornithological history, habitat, breeding habits, migratory movements, seasonality, and distribution patterns of each of the 472 species of birds. This third volume, covering the first half of the passerines, builds on the authoritative format of the previous bestselling volumes. It contains 89 species, including common ones such as swallows, jays, crows, wrens, thrushes, and starlings. The text is supported by hundreds of full-colour pictures, including unique habitat photographs, detailed distribution maps, and beautiful illustrations of the birds, their nests, eggs, and young. The Birds of British Columbia is a complete reference work for bird-watchers, ornithologists, and naturalists who want in-depth information on the province's regularly occurring and rare birds.

2.	Record Nr.	UNINA9910830955003321
	Autore	Liu Jian-Guo
	Titolo	Essential image processing and GIS for remote sensing / / Jian Guo Liu, Philippa J. Mason
	Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley-Blackwell, , 2009 ©2009
	ISBN	1-118-68797-3 1-118-68796-5 1-282-18887-9 9786612188879 0-470-51031-5 0-470-74604-1
	Descrizione fisica	1 online resource (461 p.)
	Disciplina	621.36/78 910.285
	Soggetti	Remote sensing Geographic information systems Image processing Earth (Planet) Surface Remote sensing
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa

Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Essential Image Processing and GIS for Remote Sensing; Contents; Overview of the Book; Part One: Image Processing; 1 Digital Image and Display; 1.1 What is a digital image?; 1.2 Digital image display; 1.2.1 Monochromatic display; 1.2.2 Tristimulus colour theory and RGB colour display; 1.2.3 Pseudo colour display; 1.3 Some key points; Questions; 2 Point Operations (Contrast Enhancement); 2.1 Histogram modification and lookup table; 2.2 Linear contrast enhancement; 2.2.1 Derivation of a linear function from two points; 2.3 Logarithmic and exponential contrast enhancement 2.3.1 Logarithmic contrast enhancement2.3.2 Exponential contrast enhancement; 2.4 Histogram equalization; 2.5 Histogram matching and Gaussian stretch; 2.6 Balance contrast enhancement technique; 2.6.1 *Derivation of coefficients, a, b and c for a BCET parabolic function; 2.7 Clipping in contrast enhancement; 2.8 Tips for interactive contrast enhancement; Questions; 3 Algebraic Operations (Multi-image Point Operations); 3.1 Image addition; 3.2 Image subtraction (differencing); 3.3 Image multiplication; 3.4 Image division (ratio); 3.5 Index derivation and supervised enhancement 3.5.1 Vegetation indices3.5.2 Iron oxide ratio index; 3.5.3 TM clay (hydrated) mineral ratio index; 3.6 Standardization and logarithmic residual; 3.7 Simulated reflectance; 3.7.1 Analysis of solar radiation balance and simulated irradiance; 3.7.2 Simulated spectral reflectance image; 3.7.3 Calculation of weights; 3.7.4 Example: ATM simulated reflectance colour composite; 3.7.5 Comparison with ratio and logarithmic residual techniques; 3.8 Summary; Questions; 4 Filtering and Neighbourhood Processing; 4.1 Fourier transform: understanding filtering in image frequency 4.2 Concepts of convolution for image filtering4.3 Low-pass filters (smoothing); 4.3.1 Gaussian filter; 4.3.2 The k nearest mean filter; 4.3.3 Median filter; 4.3.4 Adaptive median filter; 4.3.5 The k nearest median filter; 4.3.6 Mode (majority) filter; 4.3.7 Conditional smoothing filters; 4.4 High-pass filters (edge enhancement); 4.4.1 Gradient filters; 4.4.2 Laplacian filters; 4.4.3 Edge-sharpening filters; 4.5 Local contrast enhancement; 4.6 *FFT selective and adaptive filtering; 4.6.1 FFT selective filtering; 4.6.2 FFT adaptive filtering; 4.7 Summary; Questions; 5 RGB-IHS Transformation 5.1 Colour coordinate transformation5.2 IHS decorrelation stretch; 5.3 Direct decorrelation stretch technique; 5.4 Hue RGB colour composites; 5.5 *Derivation of RGB-IHS and IHS-RGB transformations based on 3D geometry of the RGB colour cube; 5.5.1 Derivation of RGB-IHS Transformation; 5.5.2 Derivation of IHS-RGB transformation; 5.6 *Mathematical proof of DDS and its properties; 5.6.1 Mathematical proof of DDS; 5.6.2 The properties of DDS; 5.7 Summary; Questions; 6 Image Fusion Techniques; 6.1 RGB-IHS transformation as a tool for data fusion; 6.2 Brovey transform (intensity modulation) 6.3 Smoothing-filter-based intensity modulation
Sommario/riassunto	Essential Image Processing and GIS for Remote Sensing is an accessible overview of the subject and successfully draws together these three key areas in a balanced and comprehensive manner. The book provides an overview of essential techniques and a selection of key case studies in a variety of application areas. Key concepts and ideas are introduced in a clear and logical manner and described through the provision of numerous relevant conceptual illustrations. Mathematical detail is kept to a minimum and only referred to where necessary for ease of

understanding. Such concepts are exp