

Leica Cyclone User Guide

Modern Genetics

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Quantifying temporal changes in plant geometry as a result of genetic, developmental, or environmental causes is essential to improve our understanding of the structure and function relationships in plants. Over the last decades, optical imaging and remote sensing developed fundamental working tools to monitor and quantify our environment and plants in particular. Increased efficiency of methods lowered the barrier to compare, integrate, and interpret the optically obtained plant data across larger spatial scales and across scales of biological organization. In particular, acquisition speed at high resolutions reached levels that allow capturing the temporal dynamics in plants in three dimensions along with multi-spectral information beyond human visual senses. These advanced imaging capabilities have proven to be essential to detect and focus on analyzing temporal dynamics of plant geometries. The focus of this Research Topic is on optical techniques developed to study geometrical changes at the plant level detected within the wavelength spectrum between near-UV to near infrared. Such techniques typically involve photogrammetric, LiDAR, or imaging spectroscopy approaches but are not exclusively restricted to these. Instruments operating within this range of wavelengths allow capturing a wide range of temporal scales ranging from sub-second to seasonal changes that result from plant development, environmental effects like wind and heat, or genetically controlled adaption to environmental conditions. The Research Topic covered a plethora of methodological approaches as suggestions for best practices in the light of a particular research question and to a wider view to different research disciplines and how they utilize their state-of-the-art techniques in demonstrating potential use cases across different scales.

Electron Microscopy

Electron Microscopy covers all of the important aspects of electron microscopy for biologists, including theory of scanning and transmission, specimen preparation, digital imaging and image analysis, laboratory safety and interpretation of images. The text also contains a complete atlas of ultrastructure.

Written by two well-known experts in the field with input from a broad network of industry specialists, The ROV Manual, Second Edition provides a complete training and reference guide to the use of observation class ROVs for surveying, inspection, and research purposes. This new edition has been thoroughly revised and substantially expanded, with nine new chapters, increased coverage of mid-sized ROVs, and extensive information on subsystems and enabling technologies. Useful tips are included throughout to guide users in gaining the maximum benefit from ROV technology in deep water applications. Intended for marine and offshore engineers and technicians using ROVs, The ROV Manual, Second Edition is also suitable for use by ROV designers and project managers in client companies making use of ROV technology. A complete user guide to observation class ROV (remotely operated vehicle) technology and underwater deployment for industrial, commercial, scientific, and recreational tasks Substantially expanded, with nine new chapters and a new five-part structure separating information on the industry, the vehicle, payload sensors, and other aspects Packed with hard-won insights and advice to help you achieve mission results quickly and efficiently

Issues for Nov. 1949-Dec. 1953 include the Journal of the Southern California Meter Association.

Journal of the Southern California Meter Association

Directory is indexed by name (parent and subsidiary), geographic location, Standard Industrial Classification (SIC) Code, and corporate responsibility.

Vols. for 1970-71 includes manufacturers catalogs.

Manufacturers catalogs

Thomas

Als Thomas met zijn familie verhuist naar een afgelegen plaatsje, gebeuren er geheimzinnige dingen. Volgens een oude voorspelling moeten Thomas en zijn jongere broers en zussen als 'De Vijf' de stad Raveleijn bevrijden. Vanaf ca. 9 jaar. Building Information Modelling (BIM) is being debated, tested and implemented wherever you look across the built environment sector. This book is about Heritage Building Information Modelling (HBIM), which necessarily differs from the commonplace applications of BIM to new construction. Where BIM is being used, the focus is still very much on design and construction. However, its use as an operational and management tool for existing buildings, particularly heritage buildings, is lagging behind. The first of its kind, this book aims to clearly define the scope for HBIM and present cutting-edge research findings alongside international case studies, before outlining challenges for the future of HBIM research and practice. After an extensive introduction to HBIM, the core themes of the book are arranged into four parts: Restoration philosophies in practice Data capture and visualisation for maintenance and repair Building performance Stakeholder engagement This book will be a key reference for built environment practitioners, researchers, academics and students engaged in BIM, HBIM, building energy modelling, building surveying, facilities management and heritage conservation more widely.

With more than 60,000 prices listed, this revised and updated reference features the most up-to-date information on thousands upon thousands of the most sought-after items. New this year are sections on movie memorabilia and buying and selling on the Internet. Illustrations throughout.

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