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Nota di contenuto	part, Technological Advances for Sustainable Agricultural Practices -- chapter 1 A Fuzzy approach to categorizing ripeness of citrus suhuensis using selected optical indices / Noor Aishah khairuzzaman Hadzli Hashim Noor Ezan abdullah Mohd Suhaimi sulaiman Azrie Faris mohd azmi Ahmad Faiz mohd sampian -- chapter 2 Automated visible color spectrum model for recognizing ripeness of citrus suhuiensis / Faridatul Aima Ismail Hadzli Hashim Nina Korlina Madzhi Noor Ezan Abdullah Nurul Hanani Remeli -- chapter 3 Effect of temperature on the life performance of tropical cladoceran, ceriodaphnia cornuta from tasik elham, perlis / Roslinda Binti ismail Hasnun Nita binti ismail Tay Chia chay -- chapter 4 Semantic multi-modality ontology image retrieval with relevance feedback for herbal medicinal plants / Mohd Suffian Sulaiman Sharifalillah Nordin Nursuriati Jamil -- chapter 5 Effects of diets containing effective microorganisms (EM) on growth performance, worm burden, hematological and biochemical analysis in female goats / Muhammad Anbariq Abdul Razak Muhammad Zaki

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Sommario/riassunto

This book focuses on cutting-edge advances and applications in tropical agriculture and bioresources. It outlines some of the newest advances, basic tools, and the applications of novel approaches to improve agricultural practices and utilization of bioresources for the enhancement of human life. Highlights include a thorough discussion on various aspects of agricultural modernization through technological advances in information technology, efficient utilization of under-exploited natural bioresources, new chemical approaches for the generation of novel biochemicals, and the applications of forensic and genetics approaches for bioresource conservation.