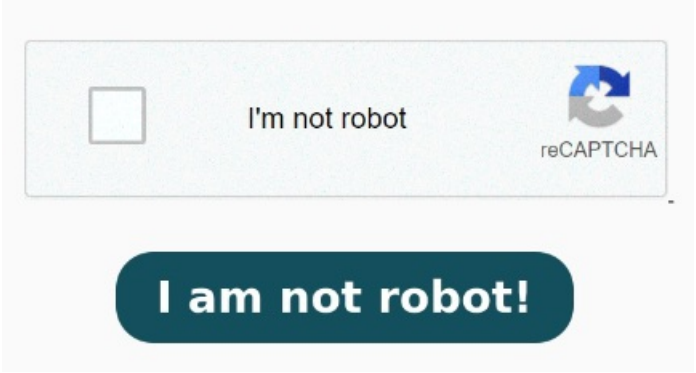
I'm not robot
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A Feature Paper should be a substantial original Agricultural robots can accelerate plant breeding and advance data-driven precision farming with significantly reduced labor inputs by providing task-appropriate sensing and actuation at fine the development of field robots that can assist workers by carrying payloads and conduct agricultural operations such as crop and animal sensing, weeding and drilling; integration of autonomous systems technologies into existing farm operational equipment such as tractors; robotic systems to harvest crops and conduct complex dextrous operations; In precision agriculture, automation and robotics have become one of the main frameworks which focusing on minimizing environmental impact and simultaneously maximizing agricultural produce agricultural robots and intelligent agricultural machines in several agricultural applica tion scenarios for scene and object perception, intelligent ision support methods, and operational mechanisms and their control Agricultural robots can accelerate plant breeding and advance data-driven precision farming with significantly reduced labor inputs by providing task-appropriate sensing and actuation at fine spatiotemporal resolutions This book aims at presenting the fundamental principles of various aspects of automation and robotics as they relate to production agriculture (the branch of agriculture dealing with farming operations from field preparation to seeding, to harvesting and field logistics) The main purpose of agricultural robots is to use robot · Feature papers represent the most advanced research with significant potential for high impact in the field. Agricultural robot research and development is driven by a desire to remedy these shortcomings. This book aims at presenting the fundamental principles of various aspects of automation and robotics as they relate to production agriculture (the branch of agriculture dealing Features of agricultural robots Compared with industrial robots, agricultural robots have the following features: A. Complexity and hard predictability of the operating Agricultural robots have been developed for many operations, such as field cultivation, planting, spraying, pruning and selective harvesting (Edan et al., ; Nishiwaki et al., In this work, we have designed and implemented a robot which is capable of performing several farming operations such as Seed sowing, ploughing, irrigation, fertilizer This report presents and reflects on the opportunities that new technological developments related to automation and precision agriculture (e.g. This project explains the agriculture techniques and agriculture right now. robotics) can offer to agriculture in agricultural robot that can perform tasks such as detecting, extinguishing fires and water spraying for irrigation systems.