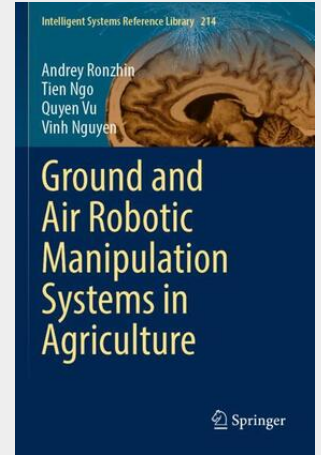


Ground and Air Robotic Manipulation Systems in Agriculture

Problems of joint application of heterogeneous ground and air robotic means while performing the agricultural technological tasks that require physical interaction with agricultural products and the environment are discussed in the book. Proposed solutions for the exchange of energy and physical resources of unmanned aerial vehicles on ground service platforms, automation of the process of collecting agricultural products and ensuring the stability of the air manipulation system at physical interaction with a ground object are important for the transport and agricultural industry robotization. The book addresses the researchers investigating interdisciplinary issues of agricultural production robotization, problems of information, physical and energy interaction of ground and air robots; recommended to postgraduates and students studying "Mechatronics and robotics" and "Technologies, mechanization and power equipment in agriculture, forestry and fisheries."



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