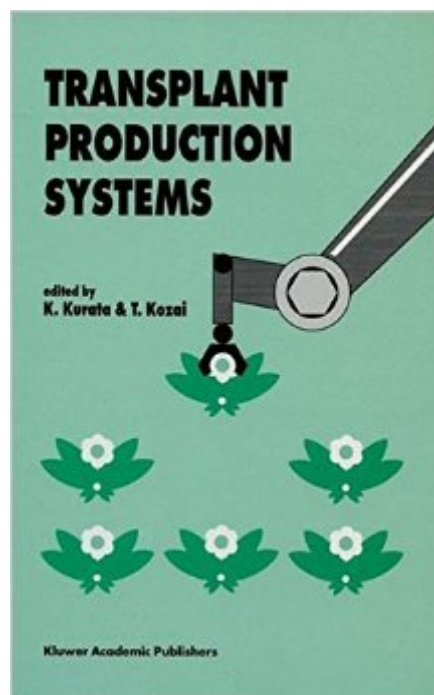


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Transplant Production Systems: Proceedings Of The International Symposium On Transplant Production Systems, Yokohama, Japan, 21-26 July 1992



Synopsis

As biotechnology produces an unprecedented number of new plant varieties, automated transplant production systems offer the means for their large-scale introduction via a rapid, efficient and economic method. As labour costs increase, so will automated systems assume even greater importance. Reforestation and afforestation projects, anti-desertification plantings and an increasing demand for urban greenery also create enormous demands for the mass production of high quality transplants, in addition to the commercial needs of the agriculture industry. The application of engineering techniques to modern micropropagation techniques and plant production means that many tasks can be automated, especially physical manipulation and close control of the microenvironment. This volume provides overviews of the main concepts -- plug seedling production, micropropagation, robotization, model development, measurement and environmental control -- with an emphasis on practical considerations. Examples are drawn from flower, vegetable and forest tree species to show how disciplines such as robotics and image analysis have a part to play in plant production.

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Techniques: Proceedings of the 109th Symposium of the International Astronomical Union Held in Gainesville, Florida, U.S.A., 9-12 January 1984 (International Astronomical Union Symposia)

Cytokines in Cancer Therapy: 2nd International Cytokine Symposium, Frankfurt, a.M., June 1992 (Contributions to Oncology / BeitrÄfÄnge zur Onkologie, Vol. 46)

Practical Aspects of Declarative Languages: Third International Symposium, PADL 2001 Las Vegas, Nevada, March 11-12, 2001 Proceedings (Lecture Notes in Computer Science)

Eurocode '90: International Symposium on Coding Theory and Applications : Proceedings (Lecture Notes in Computer Science)

Solar Wind Nine: Proceedings of the Ninth International Solar Wind Conference: Nantucket, Massachusetts, 5-9 October 1998 (AIP Conference Proceedings / Astronomy and Astrophysics)

Automated Reasoning with Analytic Tableaux and Related Methods: 16th International Conference, TABLEUX 2007, Aix en Provence, France, July 3-6, 2007, Proceedings (Lecture Notes in Computer Science)

Software Reuse: Methods, Techniques, and Tools: 8th International Conference, ICSR 2004, Madrid, Spain, July 5-9, 2004, Proceedings (Lecture Notes in Computer Science)

Yokohama Yankee: My Family's Five Generations as Outsiders in Japan

The Current Status of Endometriosis: Research and Management : Proceedings of the 3rd World Congress on Endometriosis, Brussels, June 1992 (The Inte)

Re-engineering for Sustainable Industrial Production: Proceedings of the OE/IFIP/IEEE International Conference on Integrated and Sustainable ... in Information and Communication Technology)

Interest Rate Liberalization and Money Market Development: Proceedings of a Seminar Held in Beijing July/Augu

Trends in Distributed Systems: CORBA and Beyond: International Workshop TreDS '96 Aachen, Germany, October 1 - 2, 1996; Proceedings (Lecture Notes in Computer Science)

Database and Expert Systems Applications: 13th International Conference, DEXA 2002, Aix-en-Provence, France, September 2-6, 2002. Proceedings (Lecture Notes in Computer Science)

Last Boat to Yokohama: The Life and Legacy of Beate Sirota Gordon

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Endometriosis Today: Advances in Research and Practice (International Congress, Symposium, and Seminar Series)

11th International Unicode conference Proceedings, 1997 (PART TWO)

Mobile Entity Localization and Tracking in GPS-less Environments: Second International Workshop, MELT 2009, Orlando, FL, USA, September 30, 2009, Proceedings (Lecture Notes in Computer Science)