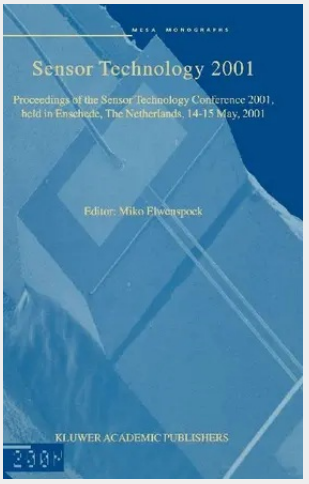
Elwenspoek

Sensor Technology 2001

Proceedings of the Sensor Technology Conference 2001, held in Enschede, The Netherlands 14-15 May, 2001

The 2001 Dutch Sensor Conference held on 14 -15 May 2001, at the University of Twente in Enschede, The Netherlands, is the fourth in a series ofmeetings. The conference is initiated by the Dutch Technology Foundation (STW) in order to stimulate the industrial application ofsensor research. This MESA Monograph contains a collection oflatest research and development from all major Dutch centers ofsensor research and aspect ofsensor commercialization. Thus it provides an excellent overview ofthe state ofthe art ofDutch Sensor Technology in the new millennium. I should like to acknowledge the work ofthe program committee, the local organizing committee and, ofcourse, the contributors to this volume. All ofthem made the conference a success. Prof. Dr. Miko Elwenspoek Conference Chairman Program Committee: M. Elwenspoek (Chairman) (MESA+) A.van den Berg (MESA+) PJ. French (TV Delft) P.V. Lambeck (MESA+) H. Leeuwis (3T) J.c. Lotters (Bronkhorst) HAC. Tilmans (IMEC) Contents MEASUREMENT SYSTEM FOR BIOCHEMICAL ANALYSIS BASED 1 ON CAPILLARY ELECTROPHORESIS AND MICROSCALE CONDUCTIVITY DETECTION F. Laugere, A. Berthold, R.M Guijt, E. Baltussen, J. Bastemeijer, P.M Sarro, MJ. Vellekoop ELECTRO-OSMOTIC FLOW CONTROL IN MICROFLUIDICS 7 SYSTEMS R.E. Oosterbroek,MH. Goedbloed, A. Trautmann, N.J. van der Veen, S Schlautmann, 1.W Berenschot, A. van den Berg FLOW SENSING USING THE TEMPERATURE DISTRIBUTION 13 ALONG A HEATED MICROBEAM J.J. van Baar, RJ Wiegerink,GJM Krijnen, T.SJ. Lammerink, M.C.

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106,99 €
99,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9780792370123
Medium: Buch
ISBN: 978-0-7923-7012-3
Verlag: Springer Netherlands
Erscheinungstermin: 31.05.2001
Sprache(n): Englisch
Auflage: 2001
Produktform: Gebunden
Gewicht: 1060 g
Seiten: 200
Format (B x H): 160 x 241 mm

Kundenservice Verlag Dr. Otto Schmidt KG
Neumannstraße 10, 40235 Düsseldorf | kundenservice@otto-schmidt.de | 0221-93738-997 (Inland)