computers & graphics

An International Journal

Contents.

Vol. 21, No. 1, 1997

	e. III.	Computers & Graphics is planning a new section
M. H. Gross, L. Lippert A. Dreger and R. Koch	1	Computers & Graphics Best Paper Award (1995)
Muhammad Sarfraz, Muhammed Al-Mulhem and Farooq Ashraf	5	Technical Section Preserving monotonic shape of the data using piece- wise rational cubic functions
Bhalinder S. Bawa	15	Faster apparent three dimensional rotation using para-
F. R. Feito and J. C. Torres	23	Inclusion test for general polyhedra
Sang-Young Cho, Phillip C-Y. Sheu and K. H. Kane Kim	31	A state network approach to parallel 3-D graphics
John D. Melville and Robert P. Burton	51	Piles for hyperdimensional graphics
Karel Culik II and Vladimir Valenta	61	Finite automata based compression of bi-level and simple color images
Eugene A. Sandler, Dmitri A. Gusev and Gregory Y. Milman	69	Hybrid algorithms for digital halftoning and their appli- cation to medical imaging
M. G. El-Said, G. Fischer, S. A. Gamalel-Din and M. Zaki	79	ADDI: a tool for automating the design of visual inter- faces
Haijian Sun, Lin Liu and Aike Guo	89	Chaos & Graphics Logistic map graph set

(continued)

Indexed in GMT Abstr, Cam Sci Abstr, Comput Cont, Curr Cont,[®] Research Alert,[®] Curr Cont/CompuMath, Curr Cont/Eng Tech & Applied Sci, Curr Cont SCISEARCH[®] Data, Eng Ind, Ergon Abstr, Info Sci Abstr, INSPEC Data, PIRA, SSSA/CISA/ECA/ ISMEC

ISSN 0097-8493

PRINTED IN GREAT BRITAIN BY BPC WHEATONS LTD, EXETER



PERGAMON





CGRADI 21(1) 1-124 (1997)

371

Computers & Graphics, Vol. 21, No. 1, 1997

Contents (Cont'd)

Gabriel Landini

ld st le l-

s n a Werner Hansmann

Werner Hansmann

Dieter Schmalstieg and Robert F. Tobler 105 Fractal anamorphosis: look up table transform using self-affine series

Education

113 A survey of computer graphics education at German universities

417 A survey of computer graphics in art education in Germany

Algorithms Corner 121 Exploiting coherence in 2.5-D visibility computation

Past/Future Issues

1

III List of 1996 Reviewers

V Announcements

PERGAMON

ISSN 0097-8493 CGRADI 21(1)1-124(1997)

Volume 21, Number 1, January/February 1997

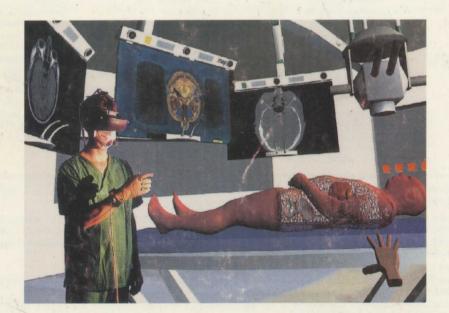
ISSN 0097-8493

COMPUTERS & GRAPHICS

An international journal of systems & applications in computer graphics

Algorithms and techniques for interaction, multimedia, modelling and visualization

EDITOR-IN-CHIEF: J. L. Encarnação





PERGAMON