

First Author (Last Name, Initials)	Other Authors	Paper Title	Location (Journal, conference title, volume, page no.)	Year	Keywords	Owner (KP/SW)
Akamatsu, M.	Mackenzie, I.S., Hasbroucq, T.	A Comparison of Tacille, Auditory, and Visual Feedback in a Pointing Task using a Mouse-type Device	Ergonomics, Vol. 38, No.4, pp. 816-827	1995	Sensory feedback modalities, mouse interaction	SW
Arsenault, R.	Ware, C.	Eye-Hand Co-ordination with Force Feedback	CHI Letters, Vol.2, issue 1pp. 408-414	2000	Force feedback, co-location, head tracking	SW
Avila, R.S.	Sobierajski, L.M.	A Haptic Interaction for Volume Visualization	Visualization '96 Proceedings, pp. 197-204, IEEE CS Press).	1996	Haptic rendering, Voxels	SW
Baird, B.		Using Haptics and Sound in a Virtual Gallery	Proceedings of the fifth Phantom Users Group Workshop. Aspen, Colorado Oct28-30	2000	Haptics	KP
Baker, Robin		Designing the Future: The Computer Transformation of Reality	Thames & Hudson 1993	1993	CAD	KP
Balakrishnan, R.	Fitzmaurice, G., Kurtenbach, G., Singh, K.	Exploring Interactive Curve and Surface Manipulation Using a Bend and Twist Sensitive Input Strip	Proc. 1999 ACM Symp. Interactive 3D Graphics, pp. 111 - 118	1999	Input devices, bimanual input, gestures, 3D Modelling	SW
Bouguila, L.	Ishii, M., Sato, M.	Effect of Coupling Haptics and Stereopsis on Depth Perception in Virtual Environment	Proceedings of the 1st Workshop on Haptic Human Computer Interaction, 31st August - 1st September, 2000, Glasgow, Scotland	2000	Stereopsis, Haptics, Depth Perception	SW
Bouguila, L.	Ishii, M., Sato, M.	A Large Workspace Haptic Device for Human-Scale Virtual Environments	Proceedings of the 1st Workshop on Haptic Human Computer Interaction, 31st August - 1st September, 2000, Glasgow, Scotland	2000	Devices	SW
Brederson, J.D.	Ikits, M., Johnson, C.R., Hansen, C.D.	The Visual Haptic Workbench	Proceedings of the fifth Phantom Users Group Workshop. Aspen, Colorado Oct28-30	2000	Haptics	KP
Butterworth, J.	Davidson, A.	3DM: A Three Dimensional Modeler Using a Head-Mounted Display	Computer Graphics: Proceedings of 1992 Symposium on Interactive 3D Graphics, April 1992	1992	3D Modelling/VE?	KP
Chapman, G.	Fisher, T., Ashworth, P., Reavey, P.	Creativity and the Computer Nerd	Conference paper, European Academy of Design Conference, Stockholm April 1997	1997	Creativity, CAD, Digital Imaging, Psychology, Personality Types, Self Concept, Kelly's Grids, IT Education	KP
Cheshire, D.G.	Evans, M.A, Dean, C.J.	Haptic Modelling: An Alternative to Industrial Design Methodology?	Proc. Eurohaptics 2001, pp.124-128	2001	Freeform	SW/KP+G6 8
Cohen, J.M.	Markosian, L., Zeleznik, R.C., Hughes, J.F.	An Interface for Sketching 3D Curves	Proceedings of 1999 Symposium on Interactive 3D Graphics, ACM SIGGRAPH.	1999	Curve manipulation, 3D modelling, Interactive Shadows	SW
Conway, M.	et al. (about 20 other authors!)	Alice: Lessons Learned from Building a 3D System for Novices	Proc of CHI 2000	2000	Animation authoring tools, user studies	SW
Deering, M.F.		Holosketch: A Virtual Reality Sketching / Animation Tool	ACM Transactions on Computer-Human Interaction, Vol.2, No. 3, pp. 220-238	1995	CAD, sketching systems	SW

Djadiningrat, J.P.	Overbeeke, C.J., Wensveen S.A.G.	Augmenting Fun and Beauty: A Pamphlet	Proceedings of DARE 2000: Designing Augmented Reality Environments. Helsingor, Denmark pp131-134	2000	Augmented Reality/Usability/Perceptual-motor/Emotion/Aesthetics	KP
Emmeriks van, M		Interactive Design of parameterized 3D by direct manipulation	Dissertation TU Delft, (Co)promotors: prof.dr.ir. F.W. Jansen, prof.dr.D.J. McConalogue, Delft University Press, Delft, Netherlands	1990		KP
Fitzmaurice, G.W.	Balakrishnan, R., Kurtenbach, G., Buxton, Bill (Alias/wavefront)	An Exploration into Supporting Artwork Orientation in the User Interface	Published in Proceedings of 1999 ACM Conference on Human Factors in Computing Systems (CHI'99), pp167-174	1999	Rotating User Interfaces/RUI/Pen-based computers/GUI Toolkits/Tablets/LCDs/Two handed Input	KP
Garner, S.		Is Sketching Still Relevant in Virtual Design Studios?	Proceedings of NET'00, Design Computing on the Net '00 15-19 Jan, University of Sydney	2000	Sketching/3D	
Graham, E.D.	Mackenzie, C.L.	Physical Versus Virtual Pointing		1996	Fitts' Law, co-location	SW
Hanna, R.	Barber, T.	An Inquiry into computers in design: attitudes before - attitudes after	Proceedings of the Conference on Human Factors in Computing Systems CHI'96. ACM Press, 292-299. Design Studies 22(2001) pp255-281	2001	Design Cognition/Design Research/Creativity/CAD/Statistics	KP
Hekkert, P	Keyson, D, Overbeeke, K, Stappers, P.J.	The Delft Studio ID Lab: Research Through and for Design	Design Research in the Netherlands, Eindhoven	2000		KP
Hennessey, J.M.		Exploring Computer Enhancements for Conceptualising	Automation Based Creative Design: Current issues in Computers & Architecture. Edited T.White & A.Tzonis, Elsevier Science, B.V. Amsterdam 1994 pp349-362	1994	Conceptual Design	KP
Hoeben, A	Stappers, P.J.	Ideas: A vision of designer's sketching tool	Jacko, J & Sears, A (Eds) Proceedings CHI2001: Conference on Human Factors in Computing Systems, Seattle, USA pp199-200	2001	Sketching, design tools, conceptualisation, pen tablet	KP
Hoeben, A	Stappers, P.J.	Flicking through Page-based Documents with Thumbnail Sliders and Electronic Dog-eareds	CHI2000 Conference, The Hague, Netherlands	2000	Browsing, document navigation, thumbnails	KP
Hoeben, A	Stappers, P.	Tools for the Conceptual Phase of Design at the ID-Studiolab	Position paper. CHI2001, Seattle, Washington, USA. Workshop on Tools, Conceptual Frameworks & Empirical Studies of Early Stages of Design	2001	Conceptual Design	KP

Hummels, C.C.M.	Overbeeke, C.J.	Designing and Testing Human Computer Interaction: A Case Study in Virtual Clay Modelling	D. Roller (Ed) Conference proceedings of the 31st International Symposium on Automotive Technology and Automation (ISATA) pp27-34, 1998, Automotive Automotion Limited, Croydon	1998		KP
Igarashi, T.		Supportive Interfaces for Creative Visual Thinking	Collective Creativity Workshop, Nara (Japan), May 7-8, 2000	2000	Sketching, direct manipulation	SW
Igarashi, T.	Matsuoka, T., Tanaka, H	Teddy: A Sketching Interface for 3D Freeform Design	ACM SIGGRAPH'99, Los Angels, 1999, pp.409-416	1999	3D Modelling, Sketching, Gestures, Soft toys	SW
Kavakli, M		Sketching as Mental Imagery Processing	Design Studies Journal, 22 (2001) pp347-364	2001	Design Cognition/Information Processing/Perception/Conceptual design/Design Activity	KP
Keller, I.	Stappers, P.J., Hoeben, A	TRI Inspiration Support for a Design Studio Environment	International Journal of Design Computing, 3. Pp17	2000		KP
Keyson, D.V.		Estimation of Virtually Perceived Length	Presence, Vol.9, No. 4, pp. 394-398	2000	Psychophysics	SW
Kramer, A.		Any Mark Goes! A design based approach for interacting with computers	Position paper. CHI2001, Seattle, Washington, USA. Workshop on Tools, Conceptual Frameworks & Empirical Studies of Early Stages of Design	2001		KP
Landay, J.A.	Myers, B.A.	Interactive Sketching for the Early Stages of User Interface Design	Proceedings of CHI'95	1995	User Interfaces/Design/Sketching/Gesture Recognition/Interaction Techniques/Programming by Demonstration/Pen-based computing	
Lee, SeungHee	Stappers, P.J., Harada, Akira		Paper A-13. Proceedings of the 4th Asian Design Conference. Oct 30-31, Nagaoka, Japan pp686-693	1999	Kansei Design Approach/Appreciation/3D Object	KP
MacKenzie, I.S.		Extending of Design Approach based on Ka Fitts' Law as a Research and Design Tool in Human-Computer Interaction	Human-Computer Interaction, Vol.7, pp. 91-139	1992	Fitts' Law	SW
Mandryk, R.L.	Mackenzie, C.L.	Superimposing Display Space on Workspace in the Context of Endoscopic Surgery	CHI Companion, CHI '99, ACM Press (pp. 284-285).	1999	Co-location	SW
Marcy, G.	Temkin, B.	Tactile Max: A Haptic Interface for 3D Studio Max	Proceedings of the third Phantom Users Group Workshop, Oct 3-6, MIT, Cambridge, MA	1998	Haptics/CAD	KP

McClundie, M		A Guide to Haptics Applications in the Digital Realm	Research Issues in Art, Design and Media, edited Darren Newbury & Nick Stanley, Publ The Research Training Initiative, Birmingham Institute of Art & Design, University of Central England	2002 Haptics	KP
McCullough, Malcolm		Abstracting Craft: The Practiced Digital Hand	The MIT Press	1996 CAD/Craft	KP
McGee, M.R.		A Haptically Enhanced Scrollbar: Force-Feedback as a means of reducing the problems associated with scrolling	proceedings of First PHANToM Users Research Symposium, Deutsches Krebsforschungszentrum, Heidelberg, Germany.	1999 Haptic widgets	SW
Mealing, S.		Computers and Art	Cromwell Press	1997	KP
Miller, T.	Zelezniak, R.	An Insidious Haptic Invasion: Adding Force Feedback to the X Desktop	In <i>User Interface Software and Technology</i> , p. 59-64. ACM,	1998 Haptic widgets	SW
Miller, T.	Zelezniak, R.	The Design of 3D Haptic Widgets	In <i>1999 Symposium on Interactive 3D Graphics</i> , p. 97-102. ACM SIGGRAPH, 1999	1999 Haptic widgets	SW
Miller, T.		Implementation Issues in Adding Force Feedback to the X Desktop	In <i>The Proceedings of the Third PHANToM Users Group Workshop</i> . 1998. AI Lab Technical Report No. 1643 and RLE Technical Report No. 624, MIT December, 1998	1998 Haptic widgets	SW
Oakley, I.	McGee, M.R, Brewster, S., Gray, P.	Putting the Feel in "Look and Feel"	Proc. CHI 2000	2000 Haptic widgets	SW
Oakley, I.		Comparing Haptic Effects in a GUI	proceedings of First PHANToM Users Research Symposium, Deutsches Krebsforschungszentrum, Heidelberg, Germany.	1999 Haptic widgets	SW
Overbeeke, C.J	Djajadiningrat, J.P., Wensveen, S.A.G., Frens J.W.	Set Me Free, Give Me Degrees of Freedom	Proceedings of SSGRR2001, L'Aquila, August 6-12	2001 Computer Interaction/Degrees of Freedom/Industrial Design Engineering/Interaction Design	KP
Pereira, J.P.	Jorge, J.A., Branco, V., Ferreira, F.N.	Towards Calligraphic Interfaces: Sketching 3D scenes with Gestures and Context Icons		2000 Interaction Techniques, 3D Modelling, Gesture Interfaces, Sketching	SW
Pipes, Alan		Drawing for 3 Dimensional Design	Thames & Hudson 1990	1990 Design	KP
Plesniak, W.	Pappu, R.	Spatial Interaction with Haptic Holograms	Proc. IEEE Int. Conf. On Multimedia Computing & Systems	1999 Multimodal interaction, holography, haptics	SW
Pratini, E.		New Approaches to 3D Gestural Modeling - the 3D SketchMaker Project	Ecaade2001	2001 Gestural interface, 3D Modelling, Sketching	SW

Press, M.	Cusworth, A.	A new vision in the making: exploring the value of craft education in the information age	Conference paper, The European Academy of Design Conference, Stockholm, April 1997	1997	Craft, IT	KP
Prytherch, D.	Jerrard, R.	The Visualisation and Making of Sculpture and its Potential Implications for Computer Interfaces and Three-Dimensional Modelling	Proc. Eurohaptics 2001, pp.135-137	2001	Sculpture, haptics, sensory feedback, expertise	SW
Raymaekers, C.	Vansichen, G., Van Reeth, F.	Using Haptic Feedback to Improve 2D Curve Creation with a 2.5D Pen-Like Metaphor	Proceedings of the 2nd PHANToM Users Research Symposium, July 6th-7th, 2000, Zurich, Switzerland, pp. 27-34.	2000	haptics, sketching, curve modelling	SW
Romer, A	Weisshahn, G, Hacker, W	Effort-saving product representations in design - results of a questionnaire survey	Design Studies 22(2001) pp473-491	2001	Design Problem Solving/Effort-saving modelling/Product representations in design	KP
Sachs, Emanuel	Roberts, A, Stoops, D	3-Draw: A Tool for Designing 3D Shapes	IEEE Computer Graphics & Applications, Nov/Dec 1991 (Vol. 11, No. 6)	1991	3D Sketching	KP
Smyth, S.	Wallace, D.	Towards the Synthesis of Aesthetic Product Form	Proceedings of DETC'00 ASME 2000 Design Engineering Technical Conferences and Computers and Information in Engineering Conference. Baltimore, Maryland, September 10-13, 2000	2000	Conceptual Design, Industrial design, product design, form synthesis, geometric modelling, styling, aesthetics	KP
Snibbe, S.	Anderson, S., Verplank, B.	Springs and Constraints for 3D Drawing	Salisbury, J.K. & Srinivasan, M.A. (Eds), Proceedings of the Third Phantom Users Group Workshop, AI Lab Technical Report No.1643 & RLE Technical Report No. 624, MIT, December 1998	1998	3D Drawing	KP
Stappers, P.J.	Hennessey, J.M.	Beyond the Electronic Beermat: Digital Devices for Discussing Design Drawings	Co-Designing Journal	2000	Conceptual Design	KP
Stappers, P.J.	Hennessey, J.M.	Toward Electronic Napkins and Beeremats: Computer Support for Visual Ideation Skills	VRI'98 Visual Representations & Interpretations, Liverpool 1998, pp22-24	1998	Conceptual Design	KP
Stappers, P.J.	Hennessey, J.M.	Computer-Supported Tools for the Conceptualisation Phase	Goldschmidt, G & Porter, W. Fourth International Conference on Design Thinking. MIT, Boston, MA. Pp177-187	1999	Design Techniques/Interaction Design/Conceptualisation Tools	KP
Stappers, P.J.	Hoeben, A	Every Pixel User-made: Aesthetic Consistency in the Development of Computer-supported Conceptual Design Tools	Manuscript Preparation for ADC 2001	2001	Design Tools, Conceptual Design Phase, Interaction Design	KP

Stuyver, R	Hennessey, J.M.	A Support Tool for the Conceptual Phase of Design	People and Computers X, Edited by Kirby, MAR, Dix AJ & Finlay JE. Cambridge University Press, Cambridge 1995 pp225-245	1995 Conceptual Design/Design Support Tool/Pen-based Input/Interaction Design/Sketching	KP
Tolba, O.	Dorsey, J., McMillan, L.	Sketching with Projective 2D Strokes	UIST '99: Proceedings of the 12th Annual ACM Symposium on User Interface Software & Technology, Asheville, North Carolina, November 7-10, 1999, CHI Letters, Vol 1, Issue 1, pp. 149-157.	1999 Sketching/3D	SW
Verstijnen, I.M	Stuyver R, Hennessey J.M., van Leeuwen C.C., Hamel R.	Considerations for Electronic Idea-Creation Tools	Companion of CHI'96, Vancouver, Canada pp197-198, Addison Wesley	1996 CAD Tools/Paper & Pencil sketching/Creativity/Discovery	KP
Verstijnen, I.M		Sketches of Creative Discovery: A Psychological Inquiry into the Role of Imagery and Sketching in Creative Discovery	Thesis, Delft University of Technology, Delft, Netherlands	Conceptual Design	KP
Verstijnen, I.M	Hennessey, J.M.	Sketching and Creative Discovery	Design Studies (19), pp. 519-546	1998 Sketching, drawing, creativity, computer supported design	SW
Wall, S.A.	Harwin, W.S.	Quantification of the Effects of Haptic Feedback During a Motor Skills Task in a Simulated Environment	Proceedings of the 2nd PHANToM Users Research Symposium, July 6th-7th, 2000, Zurich, Switzerland, pp. 61-69.	2000 Haptic feedback, Fitts' Law	SW
Wallace, D.	Jakiela, M.	A Computer Model of Aesthetic Product Design: an approach to unify engineering and industrial design			
Ware, C.	Franck, G.	Evaluating Stereo and Motion Cues for Visualizing Information Nets in Three Dimensions	ACM Transactions on Graphics, Vol. 15, No. 2, pp.121-140	1996 Head tracking, Stereo graphics, motion cues	SW
Ware, C.	Rose, J.	Rotating Virtual Objects with Real Handles	ACM Transactions on CHI., 6(2) 162-180	1999 Props, Visual feedback, co-location	SW
Woolner, M.	Adams, B.	The Application of Computer Technology in Designer Maker Practice: a survey of the nature and extent of computer usage by designer maker/craft applications	An interim report prepared for the University of Plymouth and the Crafts Council	1997 Survey of computer usage	KP
Yi-Luen Do, E.		Sketching for Conceptual Design & Analysis in Architecture	Position paper. CHI2001, Seattle, Washington, USA. Workshop on Tools, Conceptual Frameworks & Empirical Studies of Early Stages of Design	2001 Sketching Interfaces	KP

Zelezniak, R.C.

Herndon, K.P., Hughes, SKETCH: An Interface for Sketching 3D
F. Scenes

Proceedings of SIGGRAPH '96, New Orleans, USA

1996 Interaction
techniques/3D
Modelling/Gestural
Interface/Direct
Manipulation/Sketching/
Nonphotorealistic
Rendering

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