



A few references

21 November 2009

This is a short list of books that are interesting in the contexts of algorithms, programming, HCI, and design. These four contexts determine a large part of digital media. Don't read the list as if it indicated any top priority of a book listed here. The list is nothing but my personal and therefore prejudiced selection.

- Casey Reas, Ben Fry: *Processing. A programming handbook for visual designers and artists*. Cambridge MA: MIT Press 2007. \$ 50
- Ben Fry: *Visualizing data*. Sebastopol, CA: O'Reilly Media 2008. \$ 40
- Hartmut Bohnacker, Benedikt Groß, Julia Laub, Claudius Lazzeroni: *Generative Gestaltung. Entwerfen, Programmieren, Visualisieren*. Mainz: Hermann Schmidt 2009. Euro 75
- Lawrence Snyder: *Fluency with information technology. Skills, concepts, and capabilities*. Boston, MA: Addison Wesley 2005
- Thomas Erickson, David W. McDonald (eds.): *HCI remixed. Reflections on works that have influenced the HCI community*. Cambridge MA: MIT Press 2007. \$ 40
- Jonas Löwgren, Erik Stolterman: *Thoughtful interaction design. A design perspective on information technology*. Cambridge MA: MIT Press 2007. \$ 21
- George Stiny: *Shape. Talking about seeing and doing*. Cambridge MA: MIT Press 2008. \$ 22
- Hilde G. Corneliussen, Jill Walker Rettberg (eds.): *Digital culture, play, and identity. A World of Warcraft reader*. Cambridge MA: MIT Press 2008. \$ 29.95
- Lisa Gitelman: *Always already new. Media, history, and the data of culture*. Cambridge MA: MIT Press 2008. \$ 21
- Paul Fishwick (ed.): *Aesthetic computing*. Cambridge MA: MIT Press 2008. \$ 24
- Matthew Fuller (ed.): *Software studies. A lexicon*. Cambridge MA: MIT Press 2008. \$ 35
- John Maeda: *Design by numbers*. Cambridge, MA: MIT Press 1999
- John Maeda: *Maeda & media*. London: Thames and Hudsons 2000
- John Maeda: *Creative code*. London: Thames and Hudsons 2004
- John Maeda: *The laws of simplicity*. Cambridge MA: MIT Press 2006. \$ 21

winter term 2009/10 | 2 sws | lab workshop

for students of digital media (bachelor, master, registered at HfK or other schools) | guests welcome

extra, free, independent, therefore no credit | independent study possible based on this basic programming course, arranged individually

limited to 20 participants | register by email | bring your laptop | download Processing from www.processing.org

takes place: 21 & 22 nov.; 28 & 29 nov.; 5 & 6 dec. 2009, from 10 to 17 at OAS building, Linzer Str. 9a, Bremen

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office hours Wednesday 12 – 14 at Linzer str. 9a & Tuesday at HfK upon arrangement | www.compart.uni-bremen.de