

Literaturverzeichnis

- [CR81] **Crochiere, R.E. und L.R. Rabiner:** *Interpolation and decimation of digital signals—A tutorial review*. Proceedings of the IEEE, 69:300–331, 1981.
- [CR83] **Crochiere, Ronald E. und Lawrence R. Rabiner:** *Multirate Digital Signal Processing*. Prentice-Hall, Facsimile Auflage, April 1983.
- [Fli00] **Fliege, N. J.:** *Multirate Digital Signal Processing: Multirate Systems, Filter Banks, Wavelets*. Wiley VCH, New Ed Auflage, 2000.
- [Hog81] **Hogenauer, E.:** *An economical class of digital filters for decimation and interpolation*. Acoustics, Speech, and Signal Processing, IEEE Transactions on, 29:155–162, 1981.
- [Int07] **Intel:** *Intel®64 and IA-32 Architectures Optimization Reference Manual*. URL: www.intel.com/design/processor/manuals/248966.pdf, 2007.
- [Jon04] **Jones, Douglas L.:** *Fast Convolution*. URL: <http://cnx.org/content/m12022/1.5/>, Juni 2004.
- [KK99] **Krukowski, A. und I. Kale:** *Almost linear-phase polyphase IIR lowpass/highpass filter approach*. In: *Signal Processing and Its Applications, 1999. ISSPA '99. Proceedings of the Fifth International Symposium on*, Band 2, Seiten 969–972, 1999.
- [Lyo04] **Lyons, Richard G.:** *Understanding Digital Signal Processing*. Prentice Hall International, 2nd ed. Auflage, April 2004.
- [nVi07] **nVidia:** *NVIDIA CUDA Compute Unified Device Architecture — Programming Guide*. URL: http://developer.download.nvidia.com/compute/cuda/1_1/NVIDIA_CUDA_Programming_Guide_1.1.pdf, 2007.
- [Smi07] **Smith, Julius O.:** *Introduction to Digital Filters with Audio Applications*. W3K Publishing, URL: <http://www.w3k.org/books/>, 2007.
- [Sze06] **Szegvari, Piotr:** *Machbarkeitsstudie zur Software Demodulation von Rundfunkstandards*. Masterarbeit, Brandenburgische Technische Universität Cottbus, Juli 2006.
- [Tri08] **Triplet, Damien:** *Product review: Nvidia GeForce 9800 GX2*. URL: <http://www.behardware.com/articles/708-3/product-review-nvidia-geforce-9800-gx2.html>, März 2008.
- [Wei08] **Weisstein, Eric W.:** *Convolution Theorem*. From MathWorld—A Wolfram Web Resource. URL: <http://mathworld.wolfram.com/ConvolutionTheorem.html>, Mai 2008.

- [Wik08a] **Wikipedia:** *Dirac-Kamm*. URL: <http://de.wikipedia.org/wiki/Dirac-Kamm>, Mai 2008.
- [Wik08b] **Wikipedia:** *Embarrassingly parallel*. URL: http://en.wikipedia.org/wiki/Embarrassingly_parallel, Juni 2008.
- [Wik08c] **Wikipedia:** *Nyquist-Shannon-Abtasttheorem*. URL: <http://de.wikipedia.org/wiki/Nyquist-Shannon-Abtasttheorem>, Mai 2008.
- [Wik08d] **Wikipedia:** *Software-defined radio*. URL: http://en.wikipedia.org/wiki/Software-defined_radio, April 2008.
- [WS97] **Wang, A. und J.O. Smith:** *On fast FIR filters implemented as tail-canceling IIR filters*. *Signal Processing, IEEE Transactions on*, 45(6):1415–1427, 1997.
- [XOA01] **Xiao, Chengshan, J.C. Olivier und P. Agathoklis:** *Design of linear phase IIR filters via weighted least-squares approximation*. In: *Acoustics, Speech, and Signal Processing, 2001. Proceedings. (ICASSP '01). 2001 IEEE International Conference on*, Band 6, Seiten 3817–3820, 2001.
- [YLL95] **Yeh, Kuo-Hsien, Hung-Ching Lu und Jie-Cherng Liu:** *On approximated linear-phase recursive digital filters*. *International Journal of Electronics*, 78(3):493–500, März 1995.