

FIR CAD

FIR Filter Design
Parks-McClellan



Chebyshev Approximation for Nonrecursive Digital Filters with Linear Phase

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IEEE TRANSACTIONS ON CIRCUIT THEORY, MARCH 1972

Capsim uses the GPL C code for designing FIR filters using the Parks-McLellan algorithm that was developed by:

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which is based on the FORTRAN code in Oppenheim and Shafer.

The GPL C code runs as an executable outside Capsim.
All modifications are published with the Capsim distribution.
See the REMEZ directory.

Also see Rabiner and Gold, *Theory and Applications of Digital Signal Processing*, Prentice-Hall, 1975, for more FORTRAN code and description of technique.

