FIR CAD

FIR Filter Design Parks-McClellan



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Chebyshev Approximation for Nonrecursive Digital Filters with Linear Phase

THOMAS W. PARKS, MEMBER, IEEE, AND JAMES H. MCCLELLAN, STUDENT MEMBER, IEEE IEEE TRANSACTIONS ON CIRCUIT THEORY, MARCH 1972

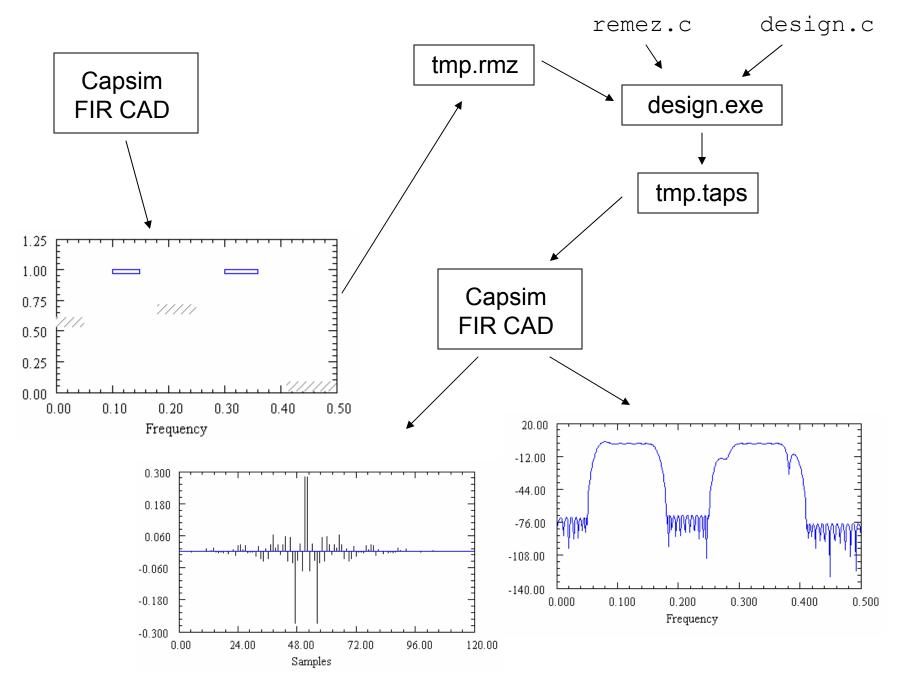
Capsim uses the GPL C code for designing FIR filters using the Parks-McLellan algorithm that was developed by:

Jake Janovetz (janovetz@uiuc.edu)

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 distrubution. 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.



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