

☰ Documentation

[Accelerate](#) / Biquadratic IIR filters

API Collection

Biquadratic IIR filters

Apply biquadratic filters to single-channel and multichannel data.

Topics

Biquadratic IIR Filters

{ } Equalizing audio with discrete cosine transforms (DCTs)

Change the frequency response of an audio signal by manipulating frequency-domain data.

`struct Biquad`

A single- or double-precision biquadratic filter.

See Also

Audio Processing

{ } Visualizing sound as an audio spectrogram

Share image data between vDSP and vImage to visualize audio that a device microphone captures.

{ } Applying biquadratic filters to a music loop

Change the frequency response of an audio signal using a cascaded biquadratic filter.

{ } Equalizing audio with discrete cosine transforms (DCTs)

Change the frequency response of an audio signal by manipulating frequency-domain data.

☰ Discrete Cosine transforms

Transform vectors of temporal and spatial domain real values to the frequency domain, and vice versa.