## **List of Abbreviations**

CFD complementary fractional delay

DF direct form

DFT discrete Fourier transform
DSP digital signal processing

DTFT discrete-time Fourier transform

FD fractional delay

FDWF fractional delay waveguide filter

FIR finite impulse response FM frequency modulation GLS general least squares

IIR infinite impulse response

IR impulse response
KL Kelly–Lochbaum
KS Karplus–Strong
LS least squares
MF maximally flat

PPI piecewise parabolic interpolation

SISO single-input-single-output
STFT short-time Fourier transform
TLI tangent-line interpolation

WDF wave digital filter
WGF waveguide filter
ZZ Zetterberg–Zhang