FluidBufSpectralShape writes the analysis to a buffer

FFT frames (time): –>

chan: \ frame:	0	1	2	3	4	5	6	7…
0	centroid	centroid	centroid	centroid	centroid	centroid	centroid	…
1	spread	spread	spread	spread	spread	spread	spread	…
2	skewness	skewness	skewness	skewness	skewness	skewness	skewness	…
3	kurtosis	kurtosis	kurtosis	kurtosis	kurtosis	kurtosis	kurtosis	…
4	rolloff	rolloff	rolloff	rolloff	rolloff	rolloff	rolloff	…
5	flatness	flatness	flatness	flatness	flatness	flatness	flatness	…
6	crest	crest	crest	crest	crest	crest	crest	…

analysis feature –>

FluidBufStats writes the analysis to *another* buffer

chan: \ frame:	0	1	2	3	4	5	6
0	**mean** of chan 0	**stand. dev.** of chan 0	**skewness** of chan 0	**kurtosis** of chan 0	**low (min)** of chan 0	**mid (median)** of chan 0	**high (max)** of chan 0
1	**mean** of chan 1	**stand. dev.** of chan 1	**skewness** of chan 1	**kurtosis** of chan 1	**low (min)** of chan 1	**mid (median)** of chan 1	**high (max)** of chan 1
…	…	…	…	…	…	…	…

analysis feature —>

FluidBufMFCC writes the analysis to a buffer

FFT frames (time): –>

chan: \ frame:	0	1	2	3	4	5	6	7…
0	mfcc 0	mfcc 0	mfcc 0	mfcc 0	mfcc 0	mfcc 0	mfcc 0	…
1	mfcc 1	mfcc 1	mfcc 1	mfcc 1	mfcc 1	mfcc 1	mfcc 1	…
2	mfcc 2	mfcc 2	mfcc 2	mfcc 2	mfcc 2	mfcc 2	mfcc 2	…
3	mfcc 3	mfcc 3	mfcc 3	mfcc 3	mfcc 3	mfcc 3	mfcc 3	…
4	mfcc 4	mfcc 4	mfcc 4	mfcc 4	mfcc 4	mfcc 4	mfcc 4	…
5	mfcc 5	mfcc 5	mfcc 5	mfcc 5	mfcc 5	mfcc 5	mfcc 5	…
…	…	…	…	…	…	…	…	…

analysis feature –>

FluidBufMFCC (using startCoeff=1)

FFT frames (time): –>

chan: \ frame:	0	1	2	3	4	5	6	7…
0	mfcc 1	mfcc 1	mfcc 1	mfcc 1	mfcc 1	mfcc 1	mfcc 1	…
1	mfcc 2	mfcc 2	mfcc 2	mfcc 2	mfcc 2	mfcc 2	mfcc 2	…
2	mfcc 3	mfcc 3	mfcc 3	mfcc 3	mfcc 3	mfcc 3	mfcc 3	…
3	mfcc 4	mfcc 4	mfcc 4	mfcc 4	mfcc 4	mfcc 4	mfcc 4	…
4	mfcc 5	mfcc 5	mfcc 5	mfcc 5	mfcc 5	mfcc 5	mfcc 5	…
5	mfcc 6	mfcc 6	mfcc 6	mfcc 6	mfcc 6	mfcc 6	mfcc 6	…
…	…	…	…	…	…	…	…	…

analysis feature –>