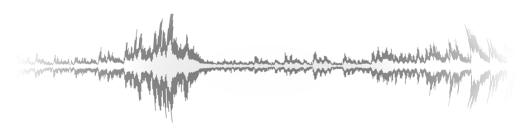
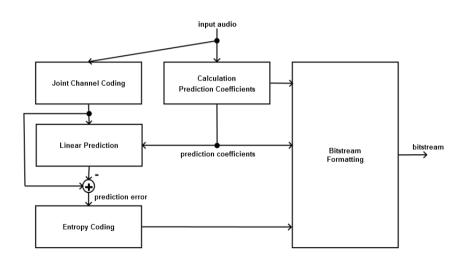
# Digital Signal Processing for Music

Part 24: Redundancy Coding

alexander lerch







### properties

- perfect signal reconstruction
- bitrate reduction depends on input signal
  - typical gain (stereo, 48k): factor 2
- $\bullet$  no constant bitrate  $\to$  streaming only with large buffers

## common applications/algorithms

name	sampling rates	channels	word length
Shorten		2	8/16
FLAC	1-1048k		4-32
MLP	44.1k-192k	63	1-24
ALS		65536	1-32 (int), 32(float)

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