

Hužvár Matěj

The following methods were used for the synthesised instruments.

Additive synthesis with reverb and envelope for cracking noise elimination was used for piano synthesis.

Formant synthesis was used for cello and flute synthesis.

Nonlinear synthesis utilising Chebyshev polynoms was used for violin synthesis.

And finally clarinet was synthesised using frequency modulated additive synthesis method.

Used materials consisted completely of what was provided as a part of Audio signal synthesis course.