

JS80P Jam in C minor

(Transcription of a semi-improvised piece)

Attila M. Magyar
<http://athoshun.eu>
<https://soundcloud.com/athoshun>

Synth 1 configuration:

- sawtooth wave
- note velocity controls the filter cutoff and the amplitude envelope's attack (high velocity = high cutoff and fast attack, low velocity = low cutoff and slow attack)
- modulation wheel affects the filter cutoff and the resonance
- aftertouch adds wavefolding and vibrato

Synth 1 starts with slow attack, open filter, and high resonance.

Synth 2 configuration:

- sawtooth wave
- volume envelope with fast attack and fast decay
- a filter before the wavefolder, with an envelope on the cutoff frequency
- a wavefolder
- a second filter after the wavefolder, with a tremolo effect: a fast, 3:2 1/8th notes tempo-synced, inverse sawtooth LFO modulating the cutoff frequency
- 1/8th note tempo synced stereo ping-pong (e.g. square wave LFO modulating the panning)

Synth 2 starts with almost entirely closed filters, low resonance, no folding, and narrow stereo ping-pong.

♩ = 68

Cm/G A♭ Fm/A♭ B♭

Synth 1

Cm A♭/C Fm B♭/F

Synth 2

9

Gm/B♭ E♭/B♭ D°/A♭ Cm/G

S1

Gm/D E♭ D° Cm

Quickly close the filter and decrease the resonance

Open the filters
Increase the stereo ping-pong

Close the filters

17

♩ = 144

S2

mf

Open the filters
Increase the resonances

23

S2

Close the filters
Slightly reduce the resonances

Add wavefolding

Open the filters
Increase the resonances

29

S2

*Decrease the filter cutoffs
and the resonances*

35

S2

41

S2

47

S2

53

S2

56

S2

60

S2

64

S1

mf

S2

68

S1

S2

72

S1

S2

Increase the folding

Open the filters
Increase the resonances

Slightly decrease the filter cutoffs
Decrease the resonances

Open the filters
Increase the resonances

Close the filters
Decrease the resonances

Gradually add wavefolding and vibrato

Gradually add wavefolding and vibrato

Gradually add wavefolding and vibrato

Gradually add wavefolding and vibrato



76

S1

S2

Open the filters
Increase the resonances

80

S2

Increase the wavefolding
Gradually add the tremolo effect

84

S2

Slow down the tremolo effect

Speed up and reduce the tremolo effect

88

S2

Open the filters
Increase the resonances

Slowly close the filters
and decrease the resonances

92

S2

96

S2

Open the filters
Increase the resonances

Close the filters
Decrease the resonances

Open the filters
Slightly increase
the resonances

Close the filters
Decrease the resonances

102

S2

Open the filters

Close the filters

108

S2

Fast attack
Open filter
Wavefolding

Cm

Quickly close the filter
and decrease the resonance

114

S1

S2