

# 1 Didge Report No 0

## 1.1 Shape

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length	1712.282156
bell size	90.657501
number segments	36
tuning_loss	1.39
volume_loss	1.79
n_note_loss	0.00
diameter_loss	0.05
fundamental_loss	0.14
octave_loss	0.16
loss	3.54

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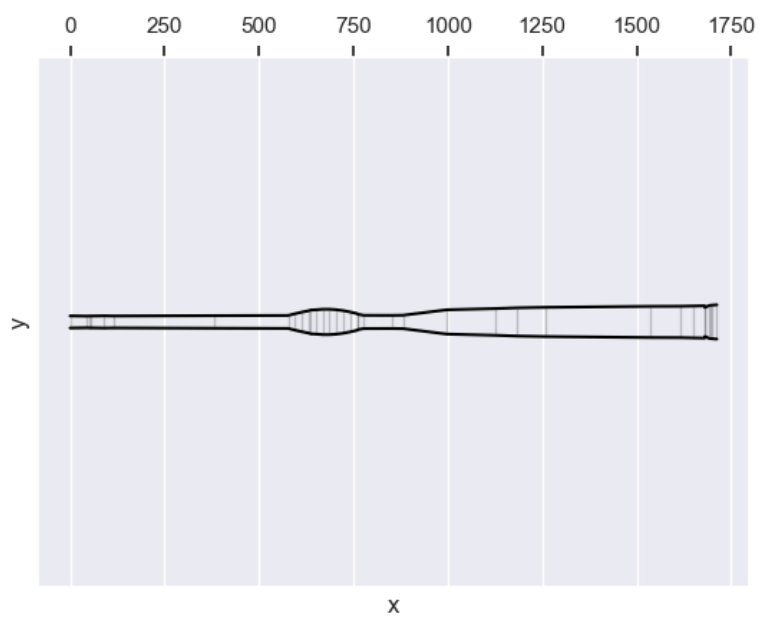


Figure 1: Didge 1

## 1.2 Tuning

freq	impedance	rel_imp	note-number	cent-diff	note-name
73.4	2.166518e+07	1.000000	-31	0.381867	D1
147.0	8.876482e+06	0.409712	-19	-1.975158	D2
220.0	1.171982e+07	0.540952	-12	0.000000	A3
349.0	4.372437e+05	0.020182	-4	1.131785	F3
440.0	1.670485e+07	0.771046	0	0.000000	A4
695.0	5.785362e+06	0.267035	8	8.588655	F4
988.0	1.658395e+06	0.076547	14	-0.409022	B5

## 1.3 Evolution Parameters

cad.calc.parameters.AddPointOptimizer

name	value	min	max	mutable
x0	0.50	0.00	1.00	False
y0	1.00	0.50	1.50	False

## 1.4 Sound Spektra

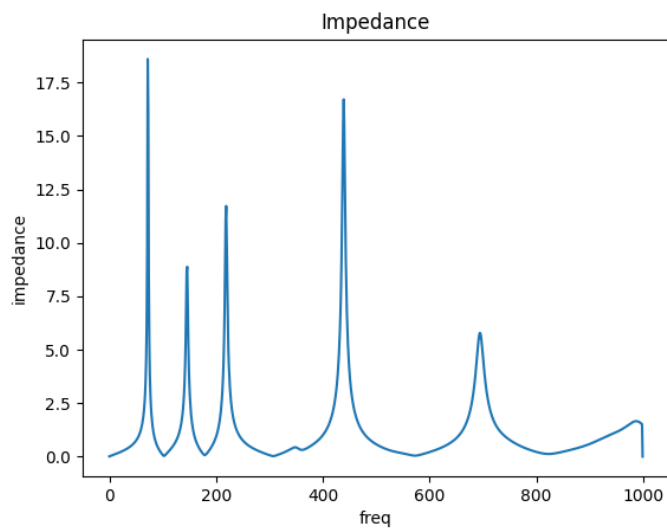


Figure 2: Impedance Spektrum 1

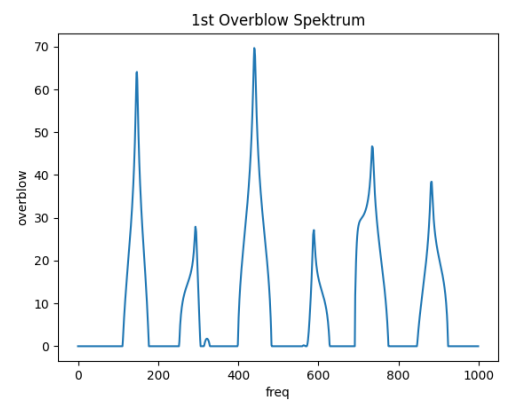
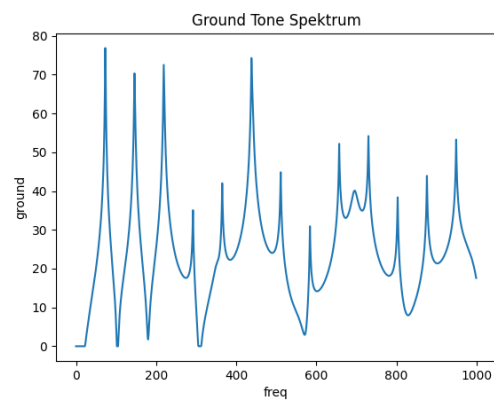


Figure 3: Spektra 1