

# 1 Didge Report No 0

## 1.1 Shape

length	1143.67952
bell size	39.326966
number segments	35
singer_tuning_loss	0.93
singer_volume_loss	1.02
other_tuning_loss	1.21
other_volume_loss	0.19
n_note_loss	0.00
diameter_loss	0.02
fundamental_loss	0.14
octave_loss	0.00
loss	3.51

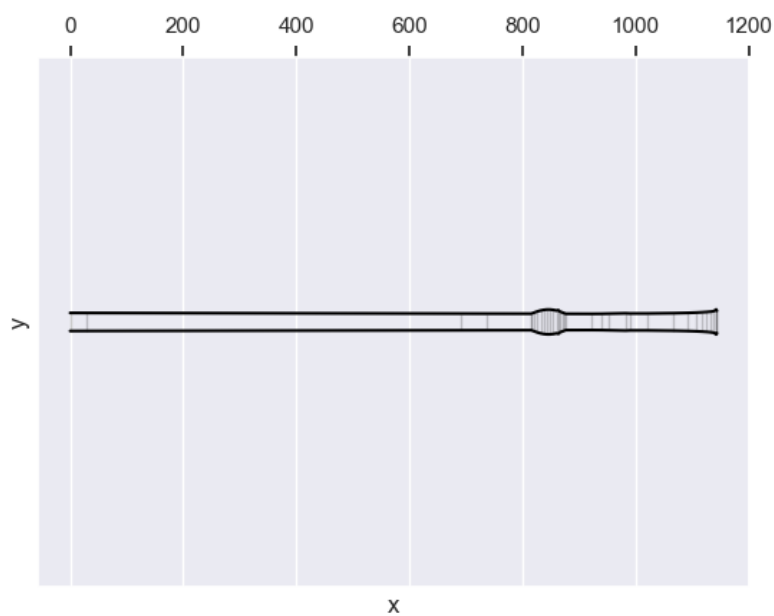


Figure 1: Didge 1

## 1.2 Tuning

freq	impedance	rel_imp	note-number	cent-diff	note-name
73.4	3.251471e+07	1.000000	-31	0.381867	D1
220.0	1.395582e+07	0.429216	-12	0.000000	A3
367.0	1.120252e+07	0.344537	-3	14.068153	F#3
533.0	8.045250e+06	0.247434	3	-31.958411	C4
682.0	2.693379e+06	0.082836	8	41.278141	F4
797.0	3.005091e+06	0.092423	10	-28.491441	G4
962.0	5.442178e+06	0.167376	14	45.759956	B5

## 1.3 Evolution Parameters

cad.calc.parameters.AddPointOptimizer

name	value	min	max	mutable
x0	1.00	0.00	1.00	False
y0	1.36	0.50	1.50	False

## 1.4 Sound Spektra

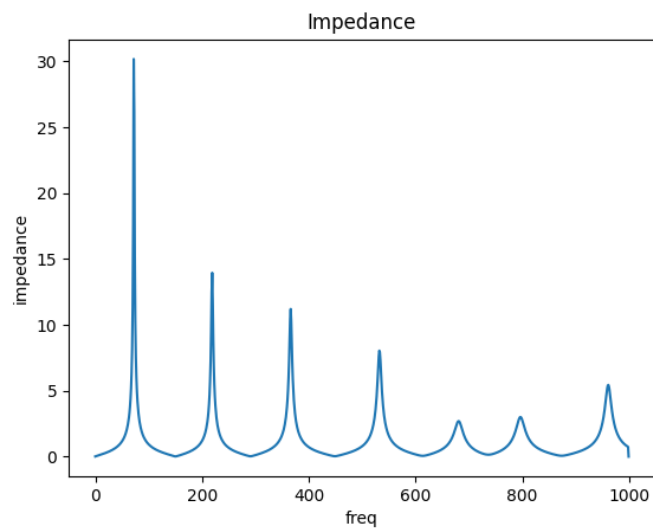


Figure 2: Impedance Spektrum 1

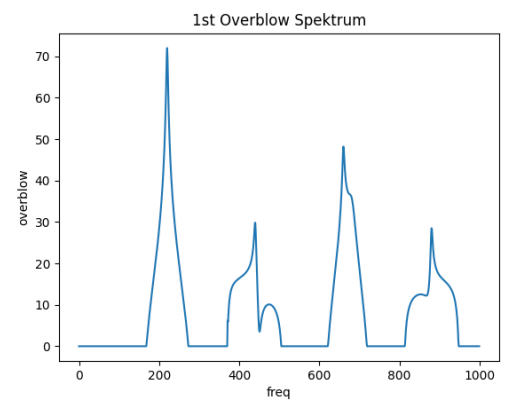
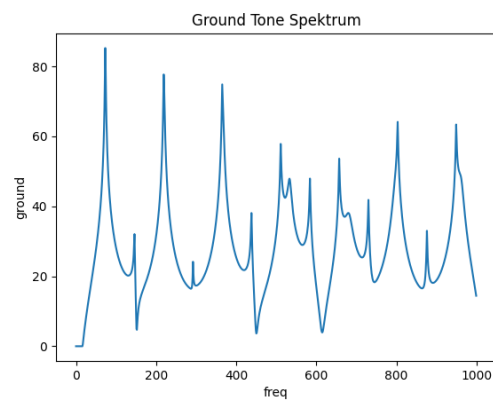


Figure 3: Spektra 1