

1 Didge Report No 0

1.1 Shape

| | |
|------------------|------------|
| length | 1737.37263 |
| bell size | 96.60606 |
| number segments | 33 |
| tuning_loss | 0.04 |
| n_note_loss | 0.00 |
| diameter_loss | 0.05 |
| fundamental_loss | 0.07 |
| octave_loss | 0.04 |
| loss | 0.20 |

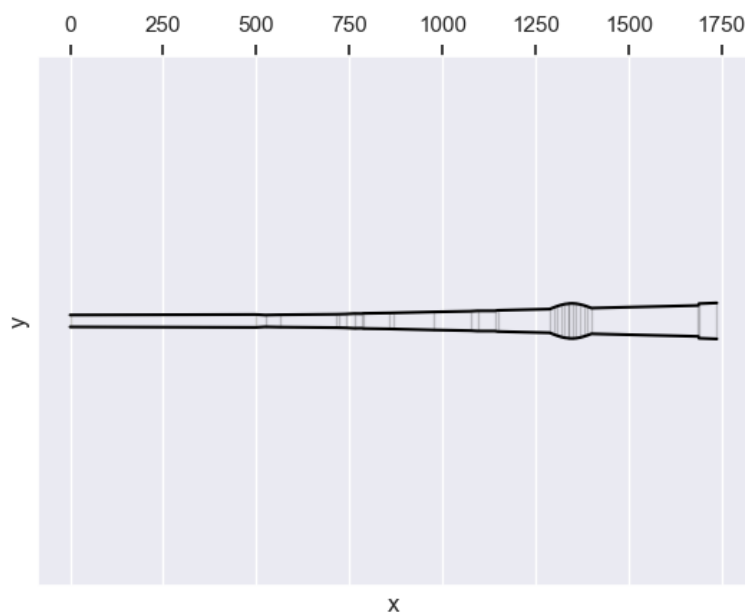


Figure 1: Didge 1

1.2 Tuning

| freq | impedance | rel_imp | note-number | cent-diff | note-name |
|-------|--------------|----------|-------------|-----------|-----------|
| 73.4 | 2.720081e+07 | 1.000000 | -31 | 0.381867 | D1 |
| 147.0 | 7.005591e+06 | 0.257551 | -19 | -1.975158 | D2 |
| 247.0 | 4.843384e+06 | 0.178060 | -10 | -0.409022 | B3 |
| 348.0 | 5.673147e+06 | 0.208565 | -4 | 6.099461 | F3 |
| 988.0 | 2.770216e+06 | 0.101843 | 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

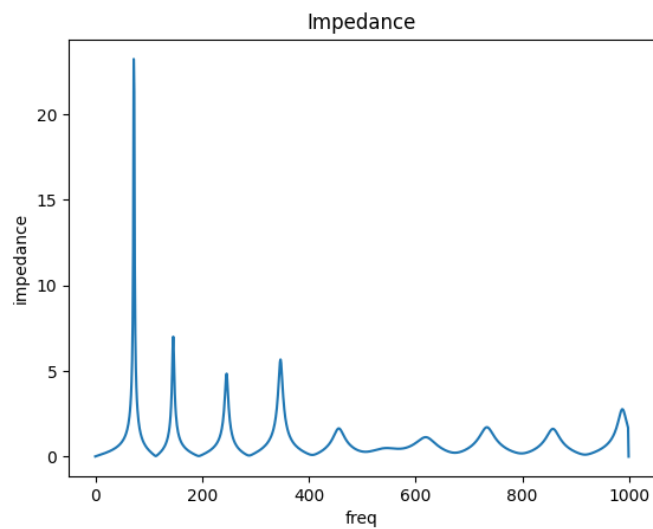


Figure 2: Impedance Spektrum 1

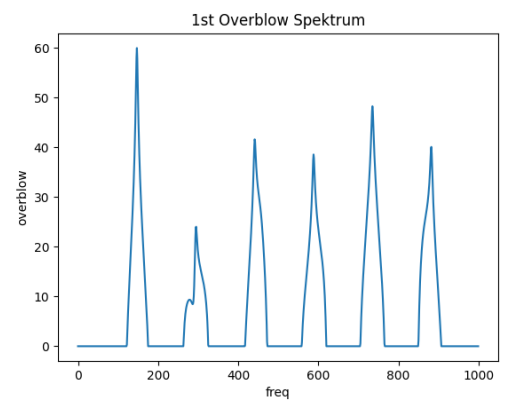
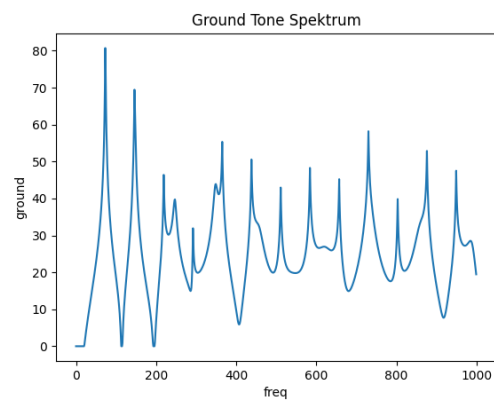


Figure 3: Spektra 1