

# 1 Data Processing

- Wire resistivity:

$$\rho = \frac{RS}{l}$$

## 1.1 Wire section area

$$S = \frac{\pi d^2}{4} = \frac{4^2}{2}$$

## 1.2 Turn length

## 1.3 LSM

$$R_n = \frac{\rho l}{S} n = kx + b$$
$$b=0$$

$$R_n = \frac{\rho l}{S} n = kx + b$$
$$b=0$$