

In = = , n = 0,1,2,…

I – current

L ≈ 10-2 cm

ℏ = 1.054\*10-34 J\*s

n = 1

m = 9.1\*10-31 kg

I = 1.6\*10-18A

Φ0 ≈ 4.13567 \* 10-7 Gs\*cm2 ≈ 4.13 \* 10-15 Wb

N – inductance

N = Φ0/I =2581,25 H

ω = 1kHz

C = 3.87\*10-9 F