

lange Spule $n=300$ $L=16\text{cm}$ $IA=I$

cm vom
Mittelpunkt

B in mT

UUV

13,0 0,076

12,0 0,118

11,0 0,186

10,0 0,330

9,0 0,574

8,0 1,156

7,0 1,603

6,0 2,040

5,0 2,198

4,0 2,256

3,0 2,297

2,0 2,315

1,0 2,322

0 2,323

0 2,367

-1,0 -2,366

-2,0 -2,356

-3,0 -2,332

-4,0 -2,291

-5,0 -2,221

-6,0 -2,093

-7,0 -1,813

-8,0 -1,253

-9,0 -0,743

-10,0 -0,427

-11,0 -0,264

-12,0 -0,172

-13,0 -0,134

kurze Spule $D=3400$

$0,5A=I$

cm vom Mittelpunkt B in mT

$l=10\text{cm}$

-10 -2,812

-9 -3,526

-8 -4,397

-7 -5,451

-6 -6,948

-5 -8,456

-4 -10,97

-3 -12,82

-2 -14,34

-1 -15,23

0 -15,48 15,37

1 15,26

2 14,40

3 12,96

4 11,05

5 9,172

6 7,173

7 5,315

8 4,115

9 3,112

10 2,316

24