Electromagnetic Fields Laboratory

Exercise 4

Group ..... Date and time: .....

.....

.....

.....

Rectangular cable in the air
f=50Hz, I= .....

No.	*U*	Δt	$\lvert J \rvert$	φ
1				
2				
3				
4				
5				
6				
7				

Rectangular cable in the air
f=50Hz, I= .....

No.	*U*	Δt	$\lvert J \rvert$	φ
1				
2				
3				
4				
5				
6				
7				

Rectangular cable in the air
f=150Hz, I= .....

No.	*U*	Δt	$\lvert J \rvert$	φ
1				
2				
3				
4				
5				
6				
7				

Rectangular cable in the air
f=150Hz, I= .....

No.	*U*	Δt	$\|J\|$	φ
1				
2				
3				
4				
5				
6				
7				

Rectangular cable in the ferromagnetic material
f=50Hz, I= .....

No.	*U*	Δt	$\|J\|$	φ
1				
2				
3				
4				
5				
6				
7				

Rectangular cable in the ferromagnetic material
f=50Hz, I= .....

No.	*U*	Δt	$\|J\|$	φ
1				
2				
3				
4				
5				
6				
7				

Rectangular cable in the ferromagnetic material
f=150Hz, I= .....

No.	*U*	Δt	$\|J\|$	φ
1				
2				
3				
4				
5				
6				
7				

Rectangular cable in the ferromagnetic material
f=150Hz, I= .....

No.	*U*	Δt	$\|J\|$	φ
1				
2				
3				
4				
5				
6				
7				

Circular cable in the air
f=50Hz, I= .....

No.	*U*	Δt	$\|J\|$	φ
1				
2				
3				
4				
5				
6				
7				

Circular cable in the air
f=50Hz, I= .....

No.	*U*	Δt	$\|J\|$	φ
1				
2				
3				

No.	*U*	Δt	$\|J\|$	φ
4				
5				
6				
7				

Circular cable in the air
f=150Hz, I= .....

No.	*U*	Δt	$\|J\|$	φ
1				
2				
3				
4				
5				
6				
7				