

COMO EXPORTAR MALHA E RESULTADOS DE CAMPO NO MAXWELL

ANDERSON SANTOS NUNES

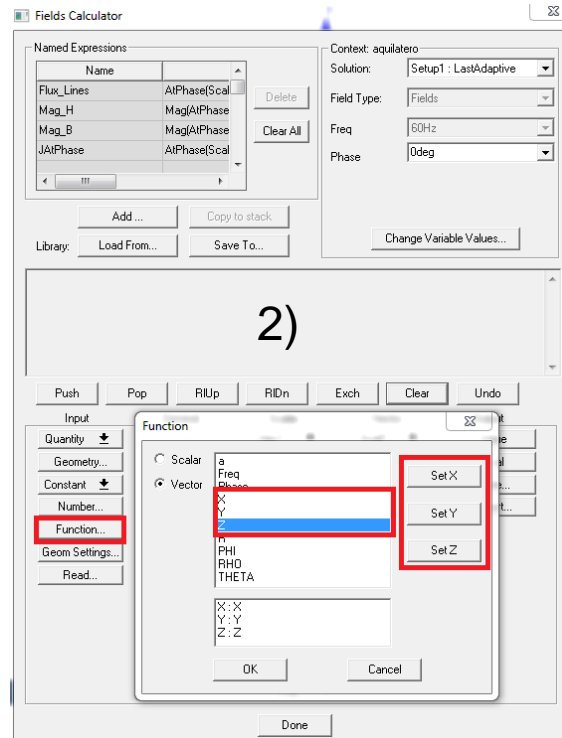
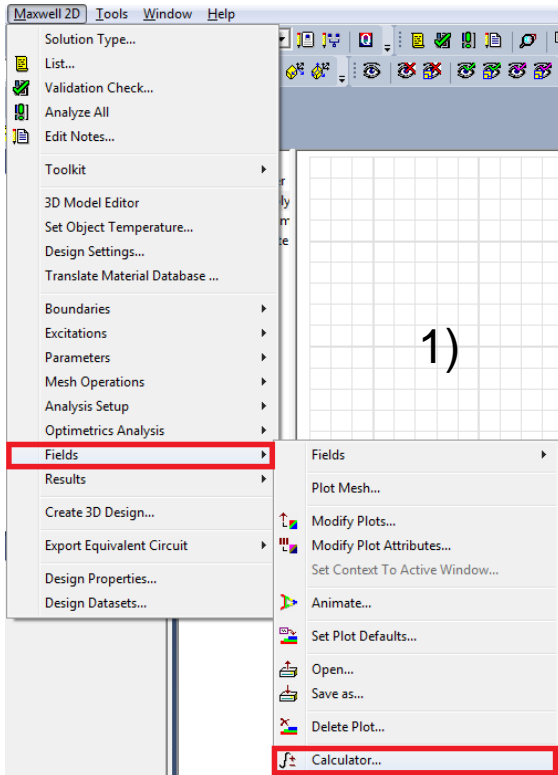
- 1) Menu Maxwell 2D -> Fields -> Calculator
- 2) Coluna Input -> Function...->Selecione Vector
-> Selecciona as componentes X (Botão Set X), Y (Botão Set Y) e Z (Botão Set Z) -> OK
- 3) Coluna Output -> Write

Faz-se importante notar que os elementos são de segunda ordem, por isso são seis pontos pontos por elemento.

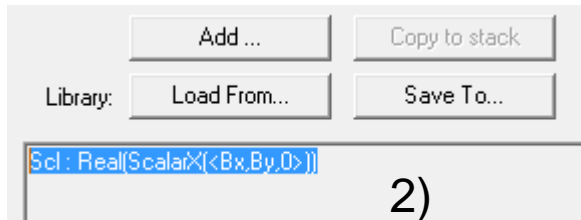
Vector data "<X, Y, Z>"
NumElems 1274

Número do elemento 3)

Elem 1	X	Y	Z
	1.4375000000000001e-002	-2.0297470401197800e-004	0.000000000000000e+000
	1.2656250000000001e-002	-1.5223102800898349e-004	0.000000000000000e+000
	1.3072916666666649e-002	1.4715666040868410e-003	0.000000000000000e+000
	1.0937499999999999e-002	-1.0148735200598900e-004	0.000000000000000e+000
	1.1354166666666650e-002	1.5223102800898355e-003	0.000000000000000e+000
	1.1770833333333300e-002	3.1461079121856599e-003	0.000000000000000e+000
Elem 2			
	-1.458333333333299e-003	-1.2178482240718701e-003	0.000000000000000e+000
	-9.3749999999999845e-004	-1.8267723361078052e-003	0.000000000000000e+000
	-2.395833333333301e-003	-1.8267723361078052e-003	0.000000000000000e+000
	-4.166666666666702e-004	-2.4356964481437402e-003	0.000000000000000e+000
	-1.874999999999986e-003	-2.4356964481437402e-003	0.000000000000000e+000
	-3.333333333333301e-003	-2.4356964481437402e-003	0.000000000000000e+000



- 1) Menu Maxwell 2D -> Fields -> Calculator
- 2) Definir uma grandeza escalar na pilha
- 3) Coluna Output -> Write



Resultados para os pontos criados para cada elemento

```
Scalar data "Real(ScalarX(<Bx,By,0>))"  
NumElems 1274  
Elem 1  
1.1501573135112297e-004  
1.2808682573922962e-004  
1.1529738120864673e-005  
1.4115792012733629e-004  
2.4600832508971335e-005  
-9.1956255109393623e-005  
Elem 2  
1.1444319232266659e-003  
1.1472537091857305e-003  
8.9115081328049791e-004  
1.1500754951447949e-003  
8.9397259923956242e-004  
6.3786970333432991e-004
```