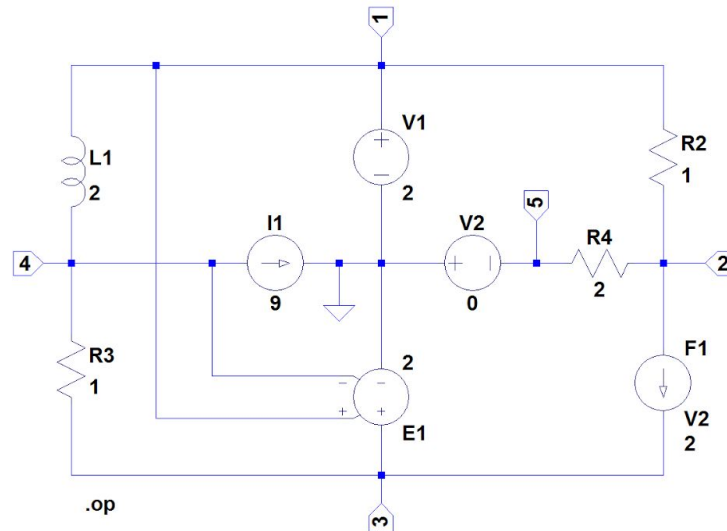Example 48-1

This example is from problem 4.8 in Basic Electric Circuit Analysis. Testing E and F type sources and inductor.



* C:\Users\Jim\Documents\Python SciPy\NETWORK\spice test circuits\example48-1.asc
R2 1 2 1
R3 4 3 1
R4 2 5 2
V1 1 0 2
I1 4 0 9
V2 0 5 0
E1 3 0 1 4 2
F1 2 3 V2 2
L1 1 4 2
.op
.backanno
.end

--- Operating Point ---
V(1):    2          voltage
V(2):    4          voltage
V(4):    1.98903         voltage
V(3):    0.0219342      voltage
V(5):    0          voltage
I(F1):   -4         device_current
I(L1):   10.9671        device_current
I(I1):   9          device_current

```
I(R4):   2         device_current
I(R3):   1.9671        device_current
I(R2):   -2        device_current
I(E1):   -2.0329        device_current
I(V2):   -2        device_current
I(V1):   -8.9671        device_current
```