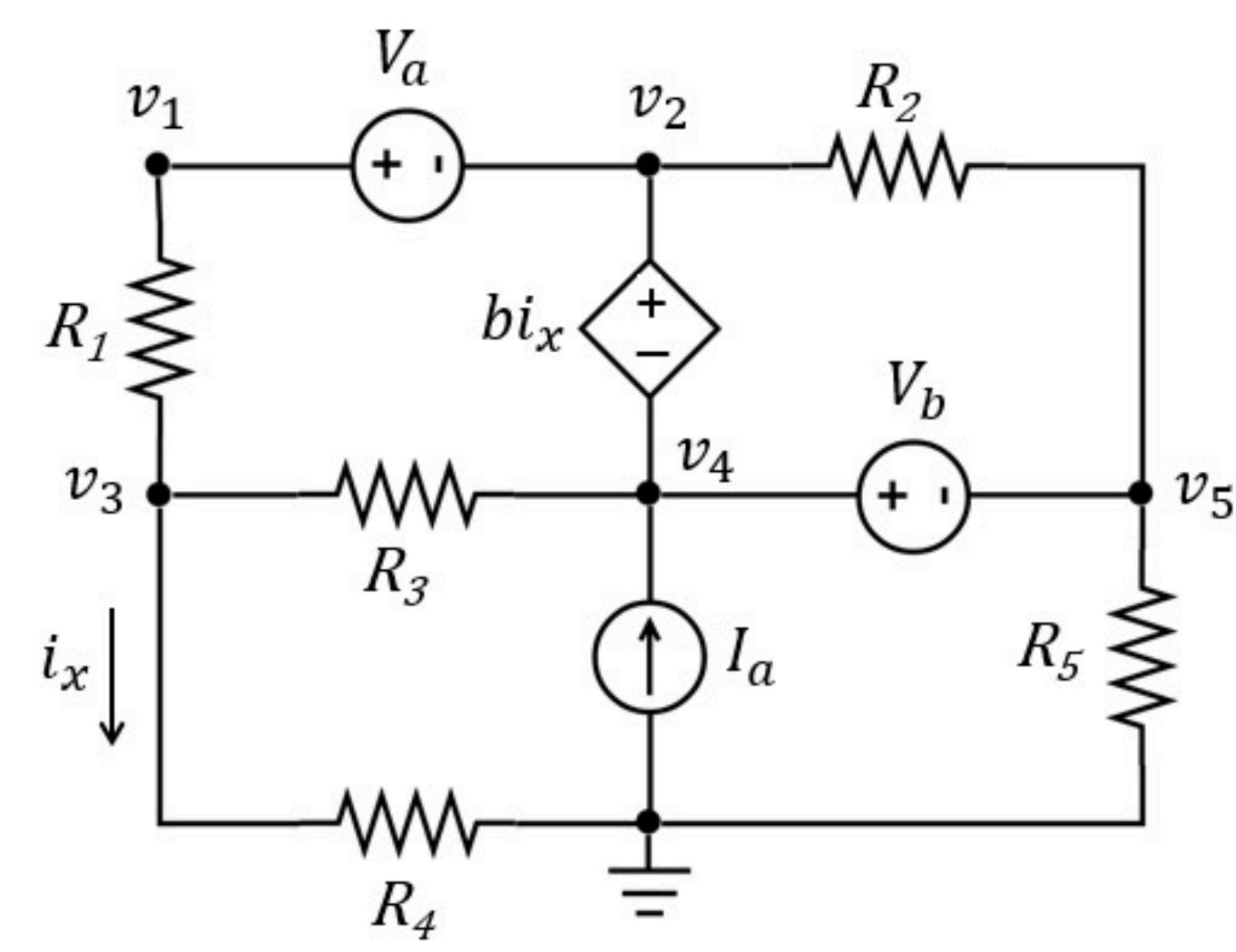


Nodal Mesh 005

Problem has been graded.



Given Variables:

- R1 : 1 ohm
- R2 : 2 ohm
- R3 : 1 ohm
- R4 : 2 ohm
- R5 : 1 ohm
- Va : 1 V
- Vb : 1 V
- Ia : 4 A
- b : 1.5 V/A

Calculate the following:

v1 (V) :

v2 (V) :

v3 (V) :

v4 (V) :

v5 (V) :

Hint: Use a supernode and move GND (and move it back).