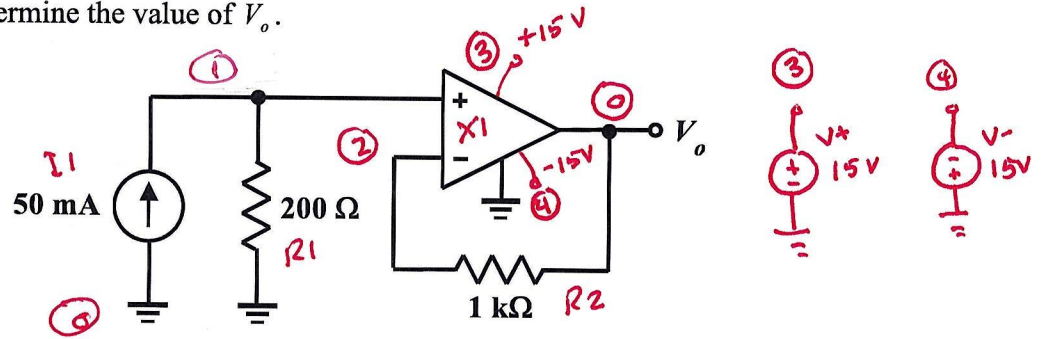# Homework Problem #063

Use LTspice to determine the value of V_o.

Use the LM741/NS model for the OpAmp.

Submit a printed copy of your netlist and a printed copy of your output. Highlight the required result.

EE2240 Fall 2021 Homework Problem #063.cir
.LIB LM741.MOD

I1	0	1	DC	50m		
R1	1	0	200			
X1	1	2	3	4	o	LM741/NS
V+	3	0	DC	15		
V-	0	4	DC	15		
R2	2	o	1k			

.op
.end

```
        --- Operating Point ---

V(1):           9.99999         voltage
V(2):           10.0013         voltage
V(4):           -15             voltage
V(3):           15              voltage
V(o):           10.0014         voltage          ←── V_o
I(I1):          0.05            device_current
I(R2):          -1.02323e-007   device_current
I(R1):          0.0499999       device_current
I(V-):          -0.00170117     device_current
I(V+):          -0.00170111     device_current
Ix(1:1):        5.74126e-008    subckt_current
Ix(1:2):        1.02323e-007    subckt_current
Ix(1:99):       0.00170111      subckt_current
Ix(1:50):       -0.00170117     subckt_current
Ix(1:28):       -1.02323e-007   subckt_current
```