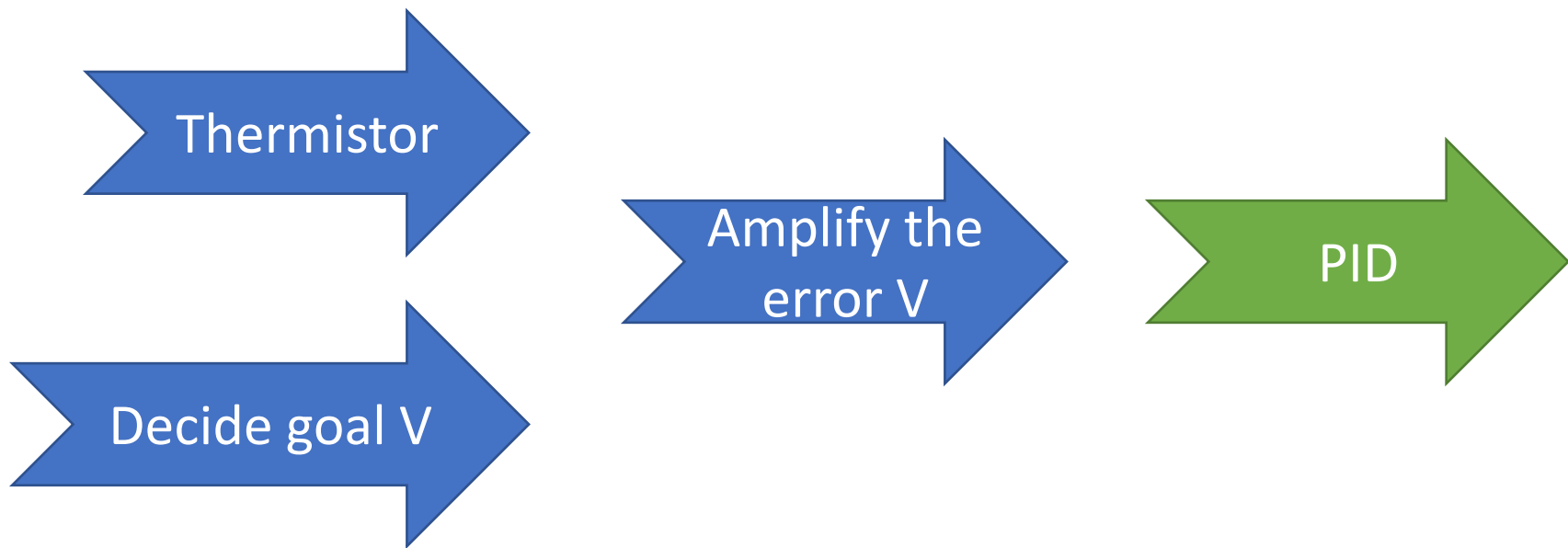


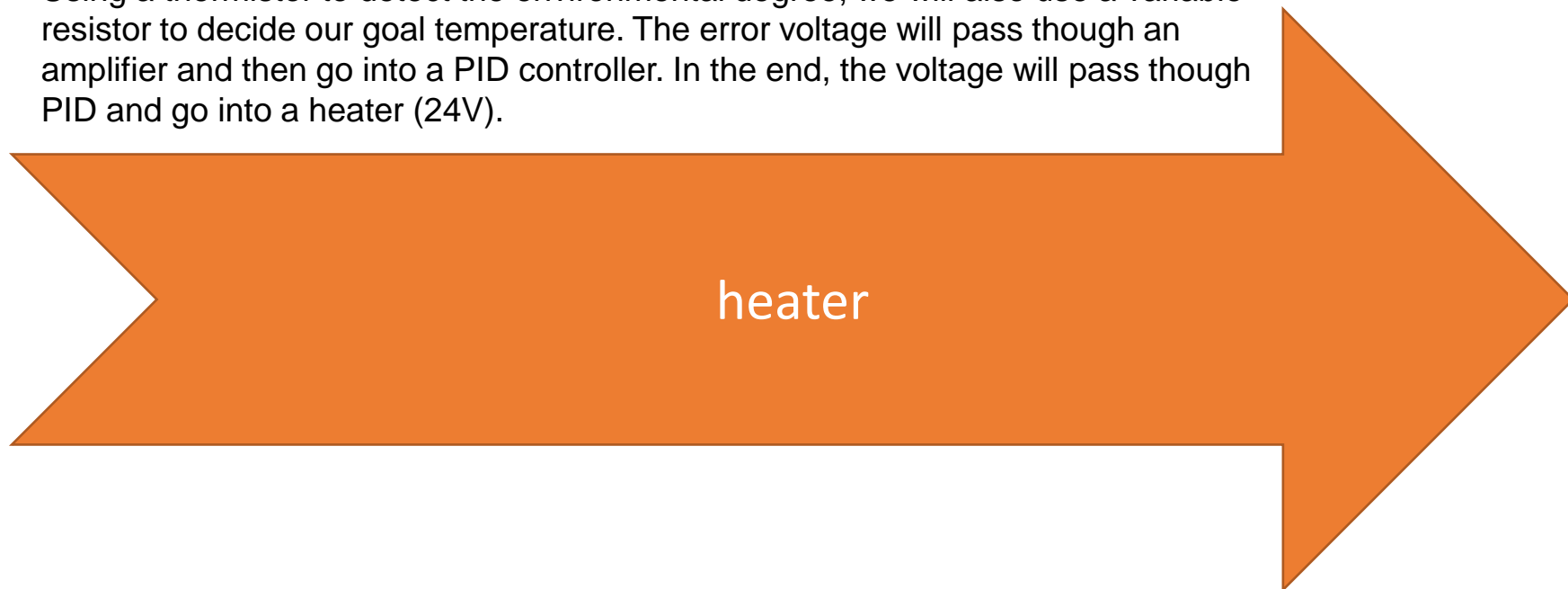
Group 02  
HW 10  
2020/5/12

ID	Name	Your works	Time	Score	TA
107601025	簡邵偉	Final project	10H	90	
108202016	張家菖	Final project	12+H	Exp(5)-49	



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Using a thermistor to detect the environmental degree, we will also use a variable resistor to decide our goal temperature. The error voltage will pass through an amplifier and then go into a PID controller. In the end, the voltage will pass through PID and go into a heater (24V).



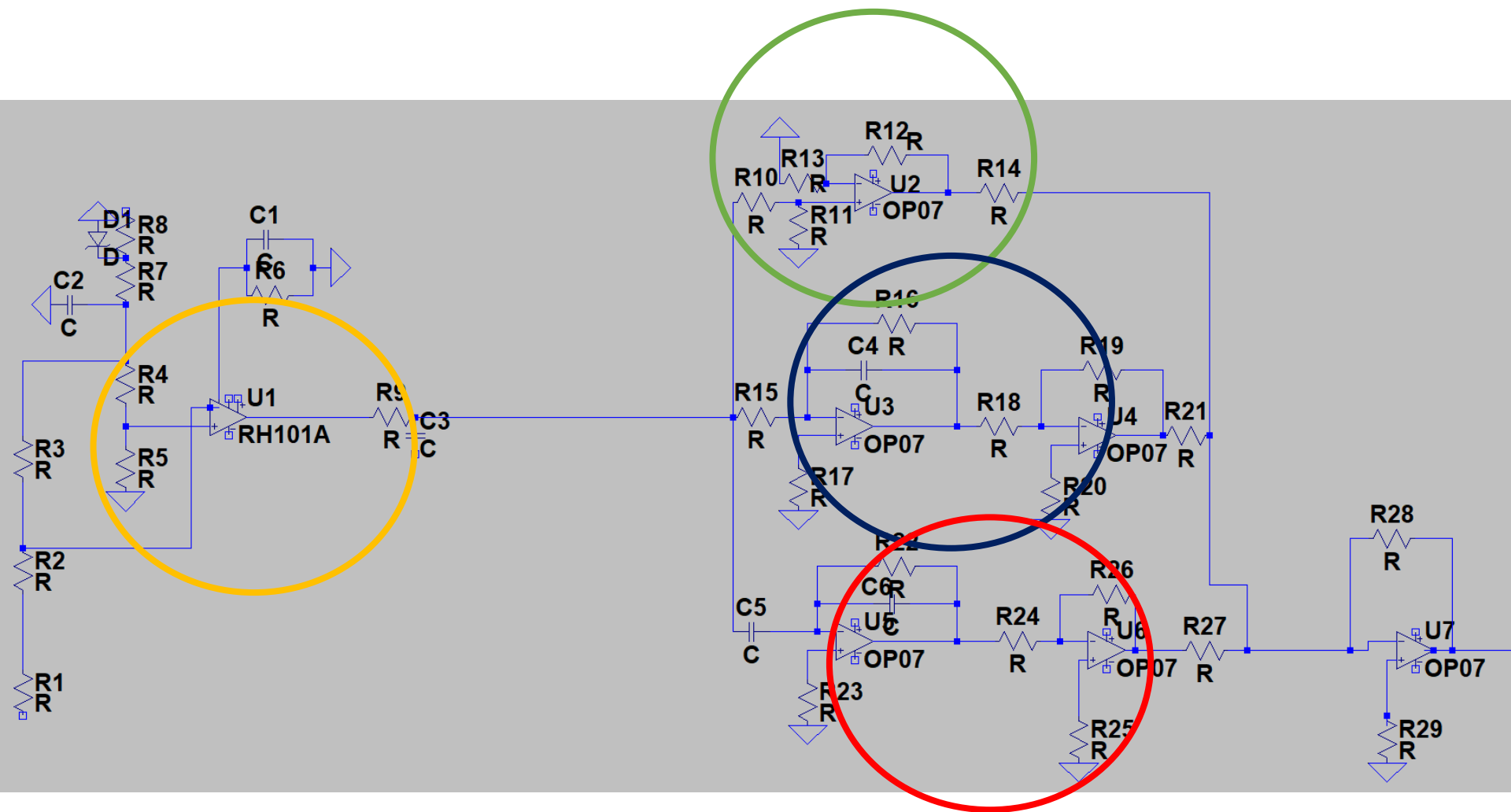


Fig1.structure

Amplify the error V

PID

This week:

Make up a new and more precise circuit.

Check up all data sheet of our electric materials.

Check up our parameters of PID.

Next week:

Start to build our circuit.

Build a PID circuit.

Check a resistor of the thermistor.