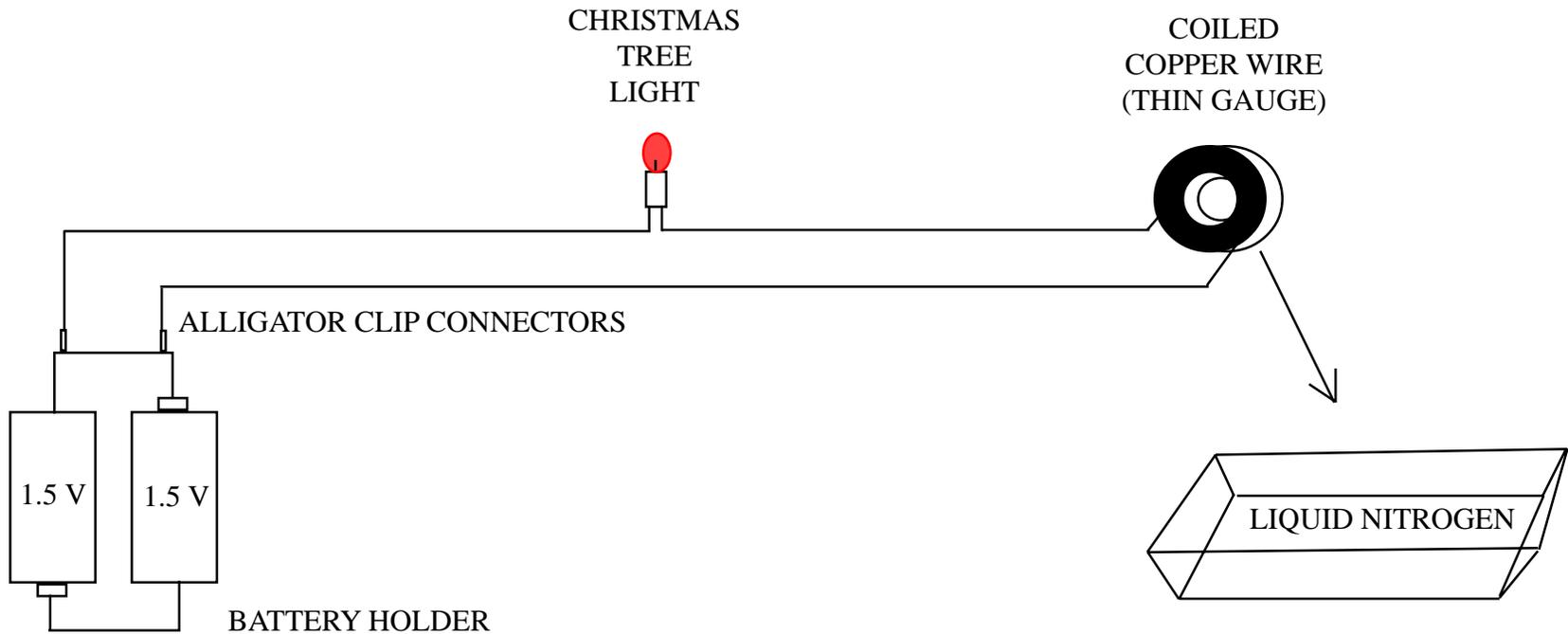


RESISTANCE AS A FUNCTION OF TEMPERATURE
5D20.10



- 1) CIRCUIT AS IS HAS A LARGE RESISTANCE DUE COIL OF WIRE, LIGHT IS BARELY VISIBLE.
- 2) AFTER COIL IS IMMERSIED INTO LIQUID NITROGEN THE COOLING CAUSES RESISTANCE TO DECREASE ALLOWING MORE VOLTAGE AND LIGHT BRIGHTNESS INCREASES SIGNIFICANTLY.

- 3) USE CAMERA AND PROJECTOR FOR LARGE CLASSES.
- 4) ALTERNATE- USE BEAKER OF WARM (BOILING) WATER TO IMMERSIE COIL OF WIRE TO INCREASE RESISTANCE AFTER LIQUID NITROGEN.