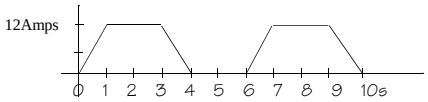
13 Spindle Loop

13.2.3 Calculate the total resistance of a spindle motor field winding. The copper wire diameter is 2 mm; length is 10m.

a.) At 68F.

b.) At 20C.

c.) And 100F.

13.3 Calculate the rectified bus voltage from an AC signal source represented by $v(t)=V_m \sin(wt)$ Volts.

13.3.4 Find the average power of the periodic data trace captured below into a 1 ohm purely resistive load.