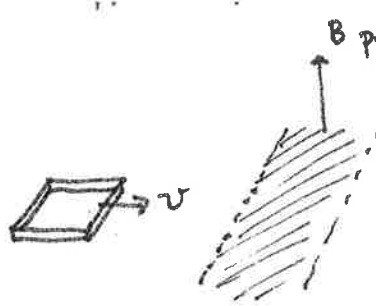
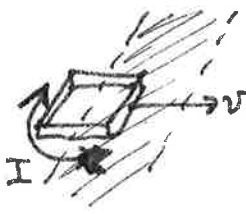
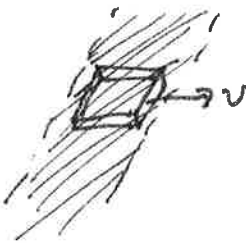
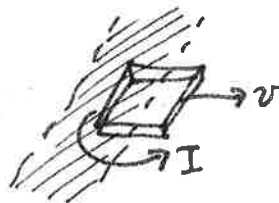


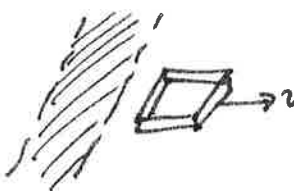
ASG vol 3 EX 27.3 (Eddy currents, magnetic damping...)

1.  No current induced

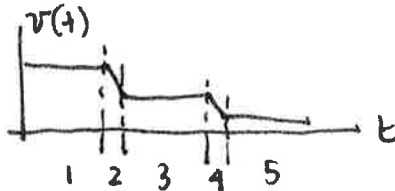
2.  Current induced CW (viewed from above)

3.  No current induced

4.  Current induced CCW

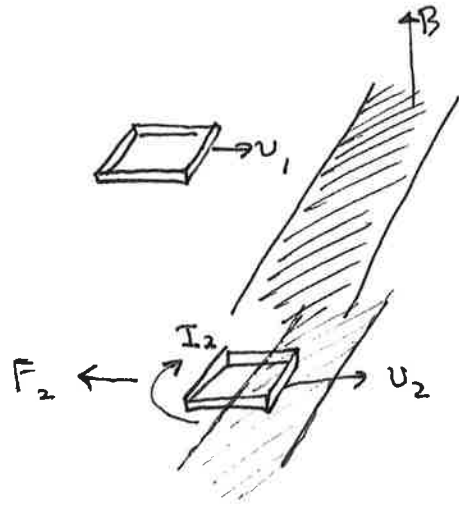
5.  No current

6. There is a net drag force on the loop (opposite the velocity) in cases 2 and 4. These act to slow the loop. The velocity looks like this



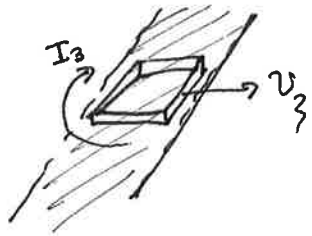
← this

For a superconducting loop

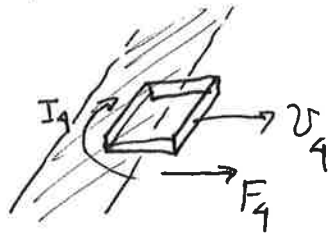


No current
No force on loop

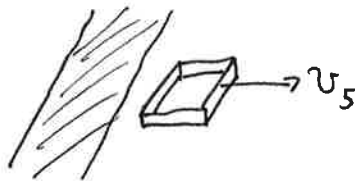
I_2 is increasing and CW
 F_2 is backwards



I_3 is constant and CW
No force on loop



I_4 is decreasing and CW
 F_4 is forward.



$I_5 = 0$
No force

