



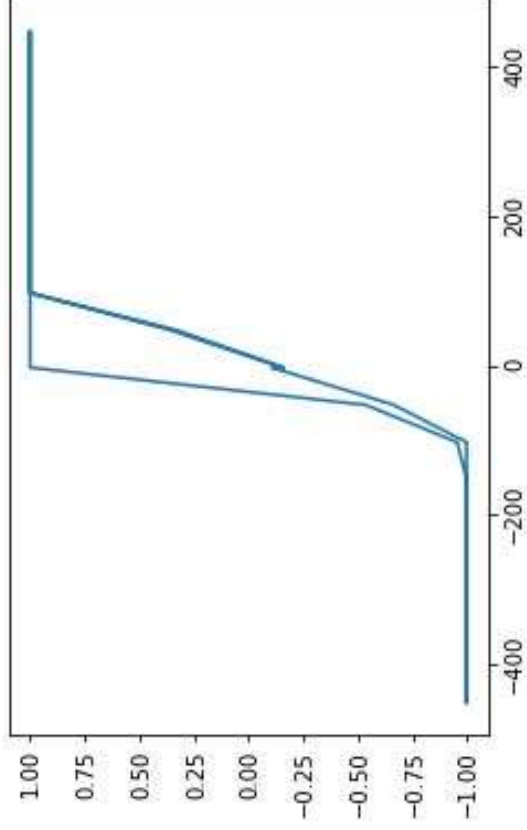
Magnetic Domains

Fernando Mazzoni , Colin Huckabee



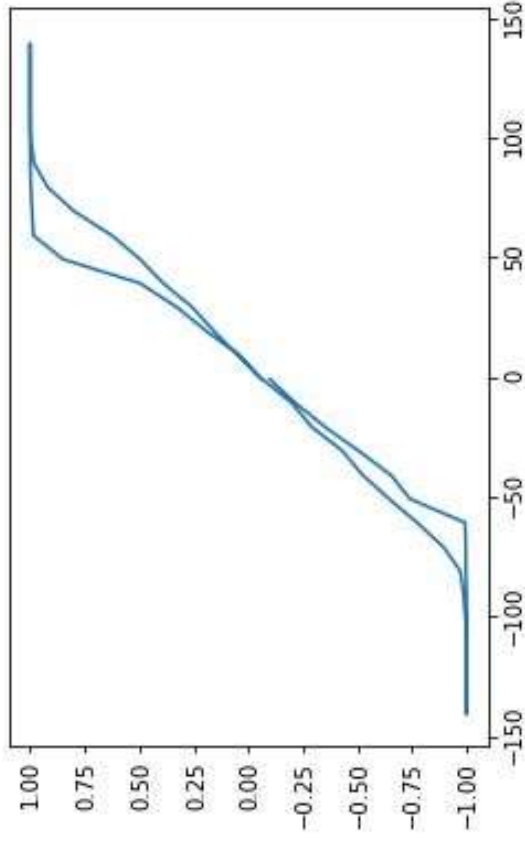
Hysteresis Plots for 'Hard' - Type

The Y-axis shows the magnetization 'm' and the X-axis shows the input current in mA. A clear hysteresis is shown. It can be clearly seen once fully positively magnetized the material maintains its magnetization state well into about -60 mA.





Hysteresis Plot for 'Soft' Magnetization



The plot for 'soft' -type magnetization shows the hysteresis becoming fully magnetized but then demagnetizing quicker than the 'hard' type. Where 'hard' type started to demagnetized at around -60 mA , soft type demagnetized around 50 mA.