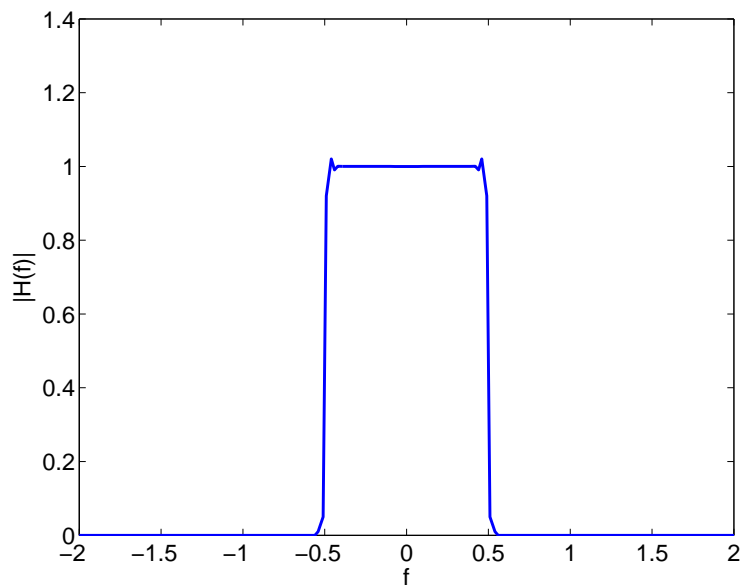


(a)



(b)

Figure 0.1: (a) Plot of $h(t) = \text{sinc}(t) = \sin(\pi t)/\pi t, t \neq 0; 1, t = 0$ (b)
Plot of $H(f) = \mathcal{F}[h(t)] = 1, |f| < 0.5; 0, |f| > 0.5$