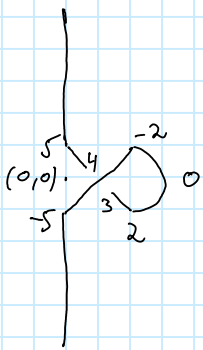


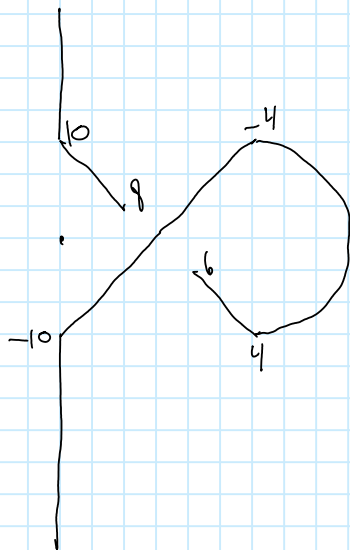
# The Kink

December-17-13

4:00 AM



$$k(s) = \begin{cases} (0, s+7) & s \leq -5 \\ 0 & -2 \leq s \leq -5 \end{cases}$$



$$\begin{aligned} s \leq -10 &\rightarrow (0, s+7) \\ -10 \leq s \leq -4 &\rightarrow (s+10, s+7) \\ -4 \leq s \leq 4 &\rightarrow (6+3\cos\frac{\pi s}{4}, -3\sin\frac{\pi s}{4}) \\ 4 \leq s \leq 10 &\rightarrow (10-s, s-7) \\ s \geq 10 &\rightarrow (0, s-7) \\ \text{gap between } 6 \leq s \leq 8 & \end{aligned}$$