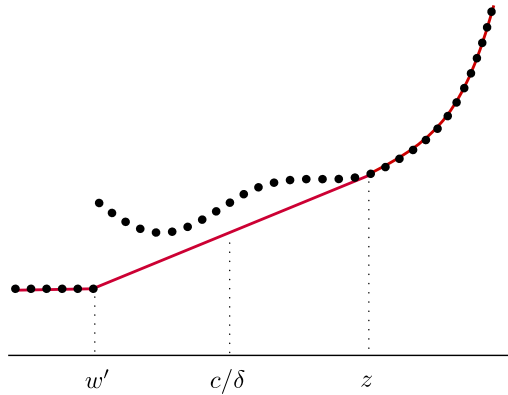


(a) Case 1:  $w' > c$



(b) Case 2:  $w' = c$