

MATE 6677 assignment 1

1. Problem 2.1 of the text.
2. Show that if w is continuous in \bar{Q}_T , then

$$\lim_{\varepsilon \rightarrow 0} \max_{\bar{Q}_{T-\varepsilon}} w = \max_{\bar{Q}_T} w.$$

3. Problem 2.4 of text.
4. Problem 2.5 of text.
5. Problem 2.7.