

CME358 - Assignment 1 - Erratum
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In the last question

$$|u - \bar{u}_h|_1 \leq \left(1 + \frac{\|a\|}{\nu}\right) \inf_{w_h \in V_h} |u - w_h|_1 + \frac{1}{\nu} \inf_{w_h \in V_h} \sup_{v_h \in V_h} \frac{|a(w_h, v_h) - a_h(w_h, v_h)|}{|v_h|_1}$$

has to be replaced by

$$|u - \bar{u}_h|_1 \leq \inf_{w_h \in V_h} \left(\left(1 + \frac{\|a\|}{\nu}\right) |u - w_h|_1 + \frac{1}{\nu} \sup_{v_h \in V_h} \frac{|a(w_h, v_h) - a_h(w_h, v_h)|}{|v_h|_1} \right)$$

(the new online version includes this correction)