EM415 Homework #6 - Answers

4.15	q' = 76.3 W/m
*4.24	Removed from Assignment
4.40	Not Provided
4.42	$T_1 + \frac{2k_A}{(k_A + k_B)} T_2 + T_3 + \frac{2k_B}{(k_A + k_B)} T_4 - 4T_0 = 0$
4.49a)	q' = 10321 W/m
5.6	h = 35 W/mK
5.8	(Use a Explicit Finite Difference Approach - $\frac{T_i - T_{i-1}}{\Delta t}$)
	t = 168s
5.34	t = 852s
5.45	t = 60 s
	To = 58 C