

Assignment #5

Problems due in lecture on **Friday, November 5:**

§	page	NTHI	THI
§4.1	p. 157	11(a), 12, 13	11(cd)
§4.2	p. 163	1(c), 2(b), 3(c), 4(c), 7(c), 10(b)	1(gh), 2(cd), 3(d), 4(b), 7(b), 11(a), 16

Also to hand in:

Problem P-1. Write out a careful proof by induction that $1^2 + 2^2 + \cdots + n^2 = \frac{n(n+1)(2n+1)}{6}$.