

ASSIGNMENT 1

CHEMISTRY 300

Due: 4:30 pm Wednesday 13 September 2006

1. Derive expressions for:
  - (a)  $\mathbf{V}$  and  $\mathbf{v}$  in terms of  $\mathbf{v}_1$  and  $\mathbf{v}_2$ .
  - (b)  $\mathbf{v}_1$  and  $\mathbf{v}_2$  in terms of  $\mathbf{V}$  and  $\mathbf{v}$ .
2. Do question 2 on page 818 of your text.
3. Do question 4 on page 819 of your text.
4. Do question 10 on page 819 of your text.