Prof. TE Coan PHYS 3344   S04
DUE: 23 Jan '04 @6pm, rm 4B FS

HW1

1. Use Cramer's rule to solve this set of 3 simultaneous equations:

$$
\begin{aligned}
3x + 2y + z &= 6 \\
x - y + 2z &= 1 \\
x + y - 3z &= 0
\end{aligned}
$$

2. Prove eqns. 1.10 and 1.11 (p. 6) in the text.

3. Marion 1.14(b) and 1.14(d).

4. Marion 1.15.

5. Marion 1.20.