Problem Set 3   Differential Equations   Due 3/5/04

You are encouraged to work in groups of two to four on this assignment and make a single group submission. Each problem is worth 5 points. For full credit indicate clearly how you reached your answer. All work must be legible and submitted on clean paper without ragged edges.

1. Find $\mathscr{L}[\sin \omega t]$.

2. Find $\mathscr{L}[\cos \omega t]$.