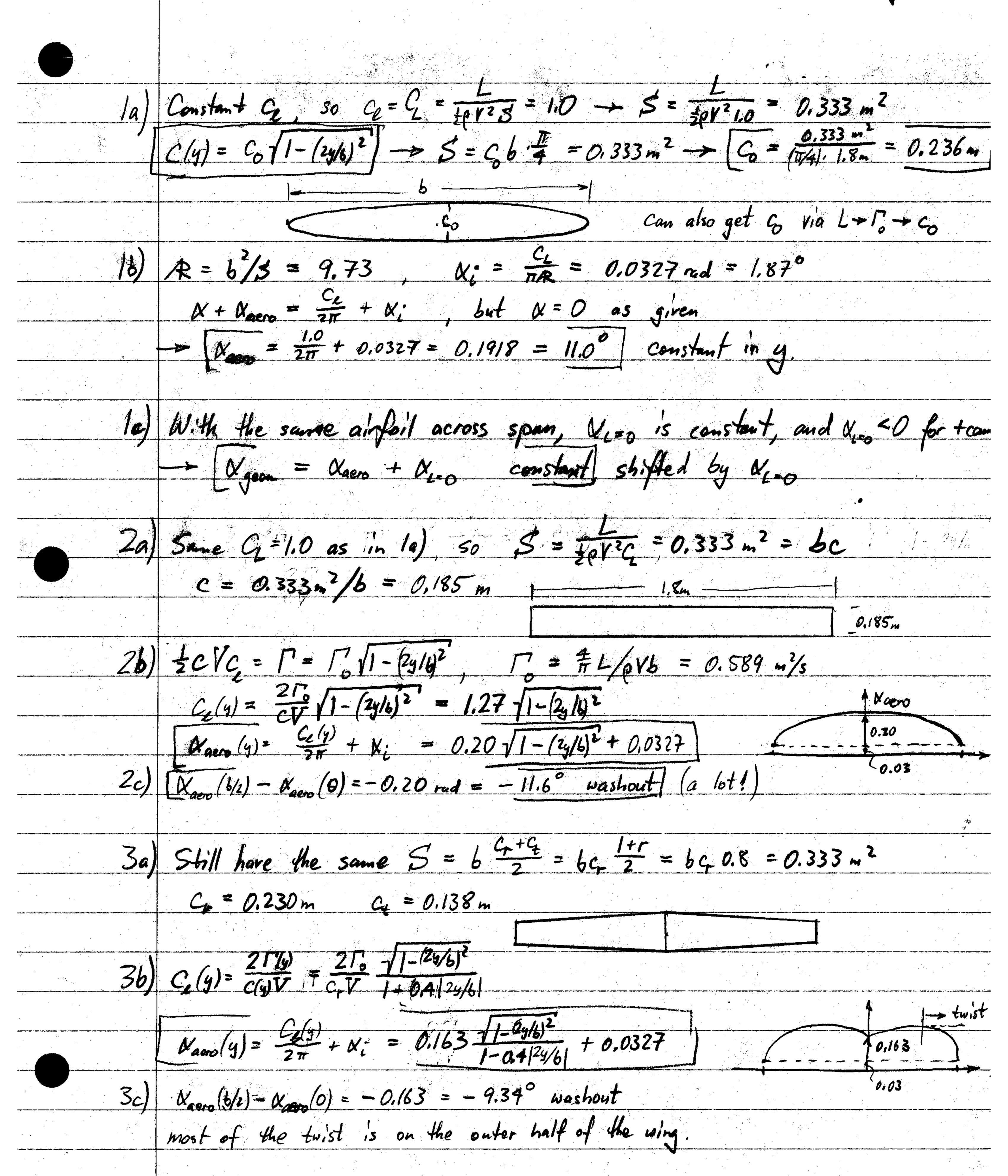
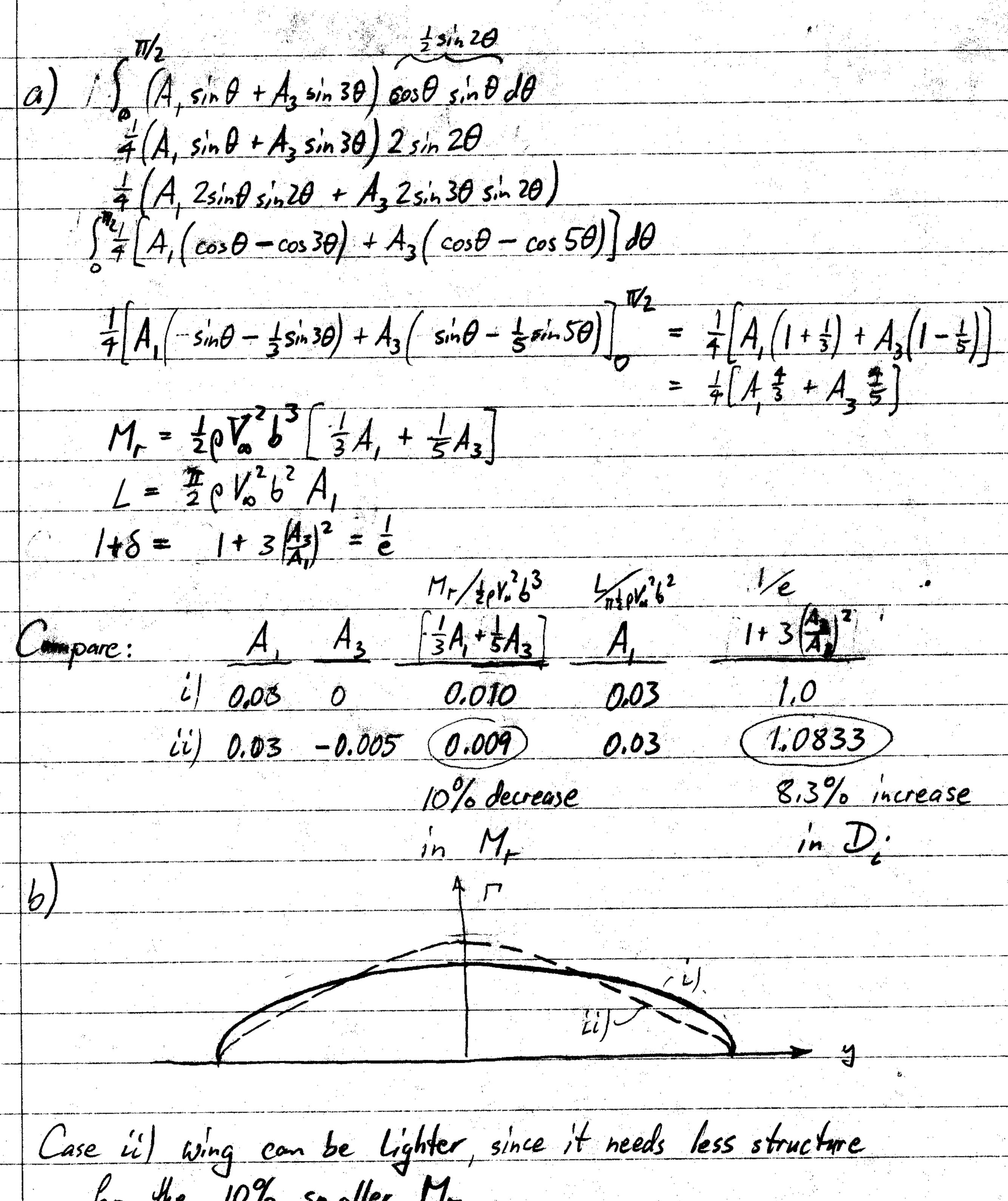


Massachusetts Institute of Technology Department of Aeronautics and Astronautics Cambridge, MA 02139

Unified Engineering Spring 2005

Problem Set #3 Solutions





Case ii) wing can be lighter, since it needs less structure for the 10% smaller Mr. But case ii) also has an 8.3% larger Di

tradeoff between weight and drag Not clear which wing is better without more detailed analysis