

**FIGURE P7-7**

Problem 7-20. Courtesy of Prof. J. M. Vance, Iowa State University

- †7-20 Figure P7-7 shows a sixbar linkage with  $O_2B = 1$ ,  $BD = 1.5$ ,  $DC = 3.5$ ,  $DO_6 = 3$ , and  $h = 1.3$  in. Find the angular acceleration of link 6 if  $\omega_2$  is a constant 1 rad/sec.

† These problems are suited to solution using *Mathcad*, *Matlab*, or *TKSolver* equation solver programs.