

PROBLEM 5.87

KNOWN: A piston and crank mechanism.

FIND: (a) The angular velocity of the crank.

(b) The angular acceleration of the crank.

(c) The angular acceleration of the piston.

(d) The angular acceleration of the connecting rod.

(e) The angular acceleration of the piston.

(f) The angular acceleration of the connecting rod.

(g) The angular acceleration of the piston.

(h) The angular acceleration of the connecting rod.

(i) The angular acceleration of the piston.

(j) The angular acceleration of the connecting rod.

(k) The angular acceleration of the piston.

(l) The angular acceleration of the connecting rod.

(m) The angular acceleration of the piston.

(n) The angular acceleration of the connecting rod.

(o) The angular acceleration of the piston.

(p) The angular acceleration of the connecting rod.

(q) The angular acceleration of the piston.

(r) The angular acceleration of the connecting rod.

(s) The angular acceleration of the piston.

(t) The angular acceleration of the connecting rod.

(u) The angular acceleration of the piston.

(v) The angular acceleration of the connecting rod.

(w) The angular acceleration of the piston.

(x) The angular acceleration of the connecting rod.

(y) The angular acceleration of the piston.

(z) The angular acceleration of the connecting rod.

(aa) The angular acceleration of the piston.

(ab) The angular acceleration of the connecting rod.

(ac) The angular acceleration of the piston.

(ad) The angular acceleration of the connecting rod.

