

$$\frac{2E}{L^2 m}$$

14

12

10

8

6

4

2

0

5

10

15

20

25

30

35

40

t (s)

$f_D = 0.20$
 $\Omega_D = 1.0 \text{ rad/s}$
 $g = 9.8 \text{ m/s}^2$
 $L = 9.8 \text{ m}$
 $\Omega_0 = 1 \text{ rad/s}$

