

100 K Ω 20 K Ω

R ₁	R ₂	Max. V _o
10	2	
	4	
	6	
	8	
	10	
	12	
	14	
20	same values	

30

$$\begin{array}{rcl}
 3m_1 + 2m_2 + m_3 & \rightarrow & m_3 \\
 3m_1 & \searrow & \\
 -2m_1 - m_2 & & 2m_2
 \end{array}$$

$$2m_1 - 2m_2$$

$$3m_1 + 2m_2$$

$$3m_1 + m_3$$

$$2m_1 + m_2$$

$$2m_2 + m_3$$

$$1 m_2 +$$

right	left	$2m_1 + 2m_2$
15.7cm	16cm	✓
21.2cm	21.3cm	✓
9.7cm	9.8cm	✗
13cm	13cm	

$$\rightarrow 0.9 \text{ Hz}$$

- 0.75 Hz
the pendulum
locked the
spring.

\rightarrow has the
shortest spring
(weird movement)