Physics 151 Class Exercise: Elasticity

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1. A steel wire 4.5 m long stretches 0.15 cm when it is given a tension of 370 N. (a) diameter of the wire? (b) If it is desired that the stretch be less than 0.15 cm, should its dincreased or decreased? Explain.	What is the liameter be
Answer:	
Angyvan	
Answer:	

2. The American naturalist Charles William Beebe (1877–1962) he made a dive to a depth of 923 m below the surface of the ocea known as the bathysphere, which was basically a steel sphere 4.75 volume of the sphere change as it was lowered to its record depth?	n. The dive very fit in diameter.	was made in a de	vice
	Answer:		
	Allswel.		