# Graph referenced as "Isotonic shortening of frog sartorius muscle in twitches at 0° [degrees]C P in g w t"

## **Contributors**

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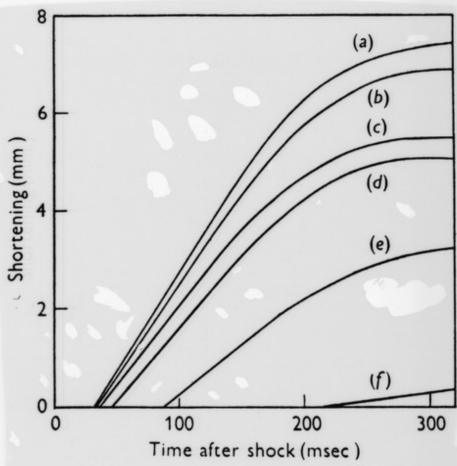
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by the muscle in lifting the weight. And then, late stimulus ends, relaxation occurs, the load in falling do on the muscle, and, as will be stressed later, this work is converint to heat in the muscle.



Isotonic shortening of frog sartorius muscle ( $l_o = 27 \text{ mm}$ ) in twitches at 0°C. P in g wt: (a) 0.95, (b) 1.25, (c) 1.9, (d) 2.5, (e) 5.1, (f) 12 (8).

The features of active shortening have been presented so far as part of the general decreases in length which occur in quick eleased isotonic contractions. They occur also, of course in ordinary isotonic contractions in which the experimental arrangements involve only a lever, but no stop that forces the muscle levelop full isometric tension. Responses of this sort are lius. Fig. 3, and the general mechanical equivalent of hese is