Assignment 1
Chapter 1

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ASSIGNMENT 1

Figure 1 shows the cycle of the heat engine . Elastic fibre material of the engine has an equation of state of $M = \beta LT$, where β is constant, M is the elasticity tension, L referred to length, and T is the temperature in Kelvins. The specific heat (heat capacity per unit mass) is a constant, $c_L = c$.
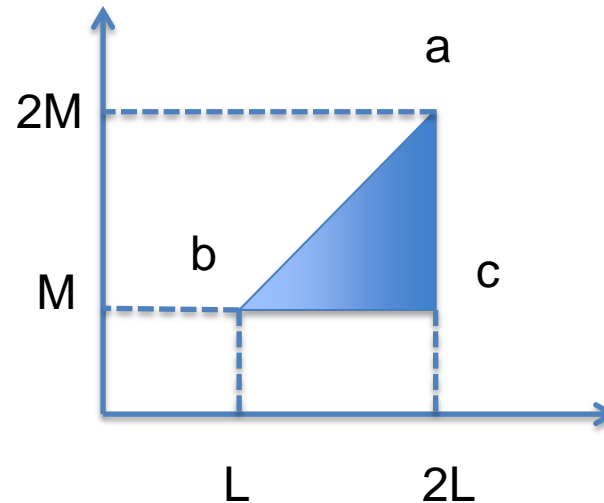

Figure 1: Cycle of Heat Engine

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