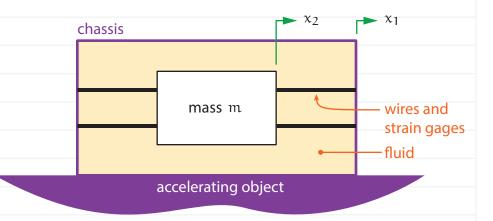
Resistive accelerometers

A resistive accelerometer connects a small mass to a chassis via thin wives, as shown in the schematic.



As the chassis accelerates—we are trying to measure this acceleration—it exerts a some on the wives. This puts the wives on one side in surther tension and those on the other in lesser tension. The mass reacts to the wive forces, which are spring-like. If we measure the strain-changes in the wives, we have an estimate of the sorces, from which we can estimate the acceleration of the object to which the acceleration of the object

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