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mechanical work

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1 introduction

thermodynamics is the study of heat and temperature one thing that makes thermodynamics hard and generally unpopular is all the damn variables everything is related and it's often tough to keep straight what is an independent and what is a dependent variable we will do our

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involved with how energy and entropy are
exchanged among different systems whenever they
end up with well defined temperatures statistical
mechanics is involved with the properties
pertaining to the**

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deals with the energy and work of a system it was born in the 19th century as scientists were first discovering how to build and operate steam engines thermodynamics deals only with the large scale response of a system which we can observe and measure in experiments small scale

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