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constant. However, the conservation of energy (the first law of thermodynamics) is very useful here: $Q_2 - W_2 = m [(u_2 - u_1) + V_2^2 - V_1^2 + g c + g (Z_2 - Z_1)]$ system.

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organisms to common household appliances, transportation vehicles, power generation systems, and even philosophy.

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theoretical foundation for any type of electrochemical concentration (or galvanic) cell. It depicts the fundamental relationship between thermodynamic quantities and electrical quantities; this relationship not only allows

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as a quantity of matter or a
region in space upon which
attention is concentrated in the

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analysis of a problem. Before going to move on the definition of Surrounding, Boundary, Universe first considers a system as shown in the figure:

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