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Conservation of energy theorem is also applied to heat transfer. In an isolated system, given heat is always equal to taken heat or heat change in the system

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is equal to zero. If two objects having different temperatures are in contact, heat transfer starts between them. The amount of heat given is equal to the amount of heat taken.

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concepts are carefully explained, and supported with worked examples, tables, and graphics. Intended for use in one or two semester courses, the text is suitable for both undergraduate and graduate students. A complete Solutions Manual is available for professors adopting the text.

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3.5. Boiling heat

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