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The Physics and Chemistry of Materials is a complete

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introduction to the structure and properties of materials for students and an excellent reference for scientists and engineers. About the Author JOEL I. GERSTEN, PhD, and FREDERICK W. SMITH, PhD, are professors in the Department of Physics at The City College of the City University of New York.

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In "The Mathematics of Physics and Chemistry" [Margenau and Murphy], the section about the existence of integrating factors comprehensively treated exact and inexact differentials. The chapter on the application of Jacobians [functional determinants] to thermodynamics was in my opinion, excellent and not to be found elsewhere.

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study involves matter composed of electrons and nuclei made of protons and neutrons. On the other hand, chemistry is not concerned with other forms of matter such as quarks, mu and tau leptons and dark matter . Although fundamental laws that govern the behaviour of matter apply to both in chemistry and physics, the disciplines of physics and chemistry are very distinct.

Comparison of chemistry and physics - Wikipedia

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Chemical physics - Wikipedia

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The 5 Main Branches of Chemistry - ThoughtCo

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