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## **Riemannian geometry | mathematics | Britannica**

An Introduction to Riemannian Geometry with Applications to Mechanics and Relativity Leonor Godinho and Jos´e Nat´ario Lisbon, 2004. Contents Chapter 1. Differentiable Manifolds 3 1. Topological Manifolds 3 2. Differentiable Manifolds 9 3. Differentiable Maps 13 4. Tangent Space 15 5. Immersions and Embeddings 22

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## **CIS 610 Handout 1**

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