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Introduction to Differential Geometry with Tensor

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Tensor Analysis Heinz Schade, Klaus Neemann, 2018-10-08 Tensor calculus is a prerequisite for many tasks in physics and engineering This book introduces the symbolic and the index notation side by side and offers easy access to techniques in the field by focusing on

algorithms in index notation It explains the required algebraic tools and contains numerous exercises with answers making it suitable for self study for students and researchers in areas such as solid mechanics fluid mechanics and electrodynamics

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A Concise Handbook of Mathematics, Physics, and Engineering Sciences Andrei D. Polyenin, Alexei Chernoutsan, 2010-10-18

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Rockefeller and the Internationalization of Mathematics Between the Two World Wars Reinhard Siegmund-Schultze, 2001-04-01 Philanthropic societies funded by the Rockefeller family were prominent in the social history of the twentieth century for their involvement in medicine and applied science This book provides the first detailed study of their relatively brief but nonetheless influential foray into the field of mathematics *Library Journal*, 1963

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