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DIFFERENTIAL GEOMETRY: A First Course in Curves and Surfaces

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Most students taking a course in linear algebra will have completed courses in differential and integral calculus, and maybe also multivariate calculus, and will typically be second-year students in university. This level of mathematical maturity is expected, however there is little or no requirement to know calculus itself to use this book successfully.

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Matthias Beck Gerald Marchesi Dennis Pixton Lucas Sabalka

A First Course in General Relativity Bernard F Schutz (2nd Edition, Cambridge University Press, 2009)
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