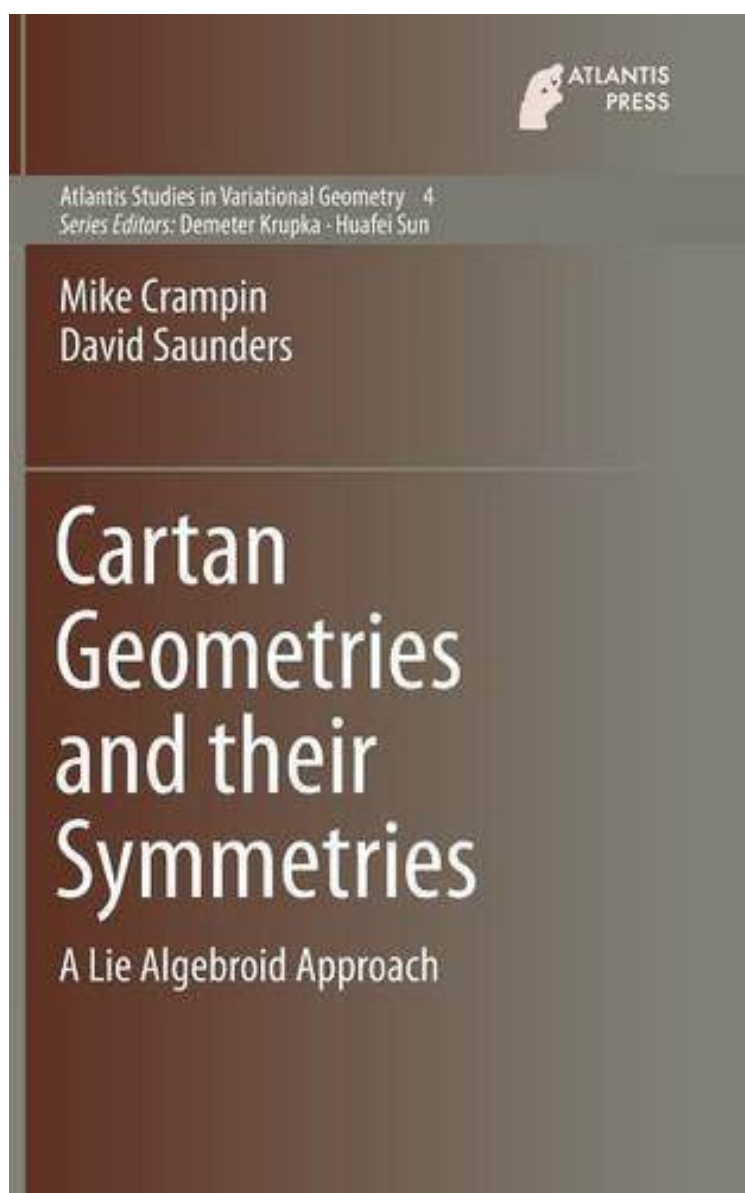


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Cartan Geometries and their Symmetries: A Lie Algebroid Approach (Atlantis Studies in Variational Geometry)

By Mike Crampin, David Saunders
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In this book we first review the ideas of Lie groupoid and Lie algebroid and the associated concepts of connection We next consider Lie groupoids of fibre morphisms of a fibre bundle and the connections on such groupoids together with their symmetries We also see how the infinitesimal approach using Lie algebroids rather than Lie groupoids and in particular using Lie algebroids of vector fields along the projection of the fibre bundle may be of benefit From the Back Cover In this book we first review the ideas of Lie groupoid and Lie algebroid and the associated concepts of connection We next consider Lie groupoids of fibre morphisms of a fibre bundle and the connections on such groupoids together

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