



## Upon General Relativity: How Gr Emerges from the Spinor Algebras

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By Dennis Morris

Createspace Independent Publishing Platform, United States, 2015. Paperback. Book Condition: New. 234 x 156 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This book is about the 4-dimensional space-time of our universe. From nothing more than the spinor algebras, we derive the existence and nature of our space-time. We explain why our space-time is 4-dimensional, why it has the distance function it has, why we have two types of 2-dimensional angles in our 4-dimensional space-time, and why we find intrinsic curvature in our space-time. We also derive tensor calculus, general relativity, and Riemann geometry from the spinor algebras. We also see classical electromagnetism emerge alongside general relativity. This book is a very easy and clearly presented introduction to tensor calculus. It is suitable to be read prior to, during, or after a course on general relativity and is a necessary supplement to that course.



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