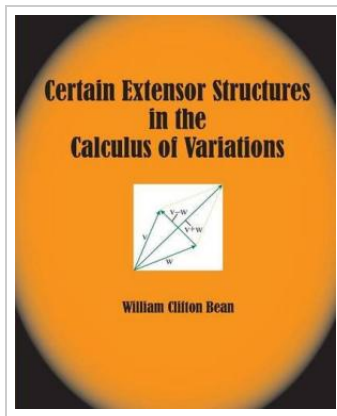




Certain Extensor Structures in the Calculus of Variations (Paperback)

By William Clifton Bean

YBK Publishers, United States, 2015. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.Professor H. V. Craig (1900-1981), a firm believer in the power of invariant methods in mathematical physics, introduced extensors in 1937 as tensors relative to the extended point transformation. Both Craig and A. Kawaguchi, another giant in the field of differential geometry, began to develop extensor theory in their independent research. Their leadership inspired many others to work on generalizations, derivations, and physical applications of extensors. Certain Extensor Structures in the Calculus of Variations is a compilation of independent, unpublished research originally created as a doctoral dissertation by William Clifton Bean under the supervision of H. V. Craig. It is provided as a building block to stimulate further research in the application of extensors to mathematical physics and differential geometry. The serious student of tensor analysis will find great value in Chapter One's thorough introduction to extensors and related topics. This is especially true given the paucity of sources in print that collect this information in one place. William Clifton Bean is a retired senior engineer, NASA-Houston; an instructor of mathematics at the University of Houston-Clear Lake; and a fifty-year member...



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