Chung, Kyung Tae; Lee, Jong Woo
Geometry of the submanifolds of $SEX_n$. II: The generalized fundamental equations for the hypersubmanifold of $SEX_n$. (English) Zbl 0698.53009

The present paper is the direct continuation of part I [the authors and K. S. So, ibid., 851-866 (1989; see the review above)]. The authors derive the generalized fundamental equations for hypersubmanifolds of $SEX_n$, including generalized Gauss formulas, generalized Weingarten equations, and generalized Gauss-Codazzi equations.

Reviewer: R. Iordanescu

MSC: 53B15 Other connections 53B50 Applications of local differential geometry to the sciences 53B25 Local submanifolds 83E15 Kaluza-Klein and other higher-dimensional theories

Keywords: hypersubmanifolds; Gauss formulas; Weingarten equations; Gauss-Codazzi equations

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References:

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