

On CR-Structure and F-Structure Satisfying Polynomial Equation

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Abstract : The purpose of this paper is to show a relation between CR structure and F-structure satisfying polynomial equation. In this paper, we have checked the significance of CR structure and F-structure on Integrability conditions and Nijenhuis tensor. It was proved that all the properties of Integrability conditions and Nijenhuis tensor are satisfied by CR structures and F-structure satisfying polynomial equation.

Keywords : CR-submanifolds, CR-structure, integrability condition, Nijenhuis tensor

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