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**SEMI-INVARIANT SUBMANIFOLDS OF A NEARLY
HYPERBOLIC KENMOTSU MANIFOLD WITH
SEMI-SYMMETRIC NON-METRIC CONNECTION**

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Abstract

We consider a nearly hyperbolic Kenmotsu manifold admitting a semi-symmetric non-metric connection and study semi-invariant submanifolds of a nearly hyperbolic Kenmotsu manifold with semi-symmetric non-metric connection. We also study parallel distributions (horizontal and vertical distributions) on nearly hyperbolic Kenmotsu manifold and find the integrability conditions of some distributions on nearly hyperbolic Kenmotsu manifold.

Key Words and Phrases : *Semi-invariant submanifolds, Nearly hyperbolic Kenmotsu manifold, Parallel distribution, Semi-symmetric non-metric connection.*

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