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Lightlike Submanifolds Admitting Semi-Symmetric Non-Metric Connection

We show that the connection induced on a lightlike submanifold of a semi-Riemannian manifold with semi-symmetric non-metric connection is semi-symmetric non-metric connection. Then we obtain the integrability condition of the screen distribution with respect to semi-symmetric non-metric connection and some properties of the Ricci tensor of a lightlike submanifold with respect to semi-symmetric non-metric connection.

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