

# On Lorentzian spaces of constant sectional curvature

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We investigate Osserman-like conditions for Lorentzian curvature tensors that implies a constant sectional curvature. It is known that Osserman (moreover Zwei-stein) Lorentzian manifolds has a constant sectional curvature. We prove that some generalization of the Rakic duality principle implies a constant sectional curvature.

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