

## TOPOLOGICAL MANIFOLDS WITH A $L_p$ STRUCTURE

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**Abstract.** In this paper we present the topological manifolds with  $L_p$ -structure. We describe the riemannian structure which determine the Hilbert-space, and prove some interesting properties. Finally it is presented an example for this manifolds

**MSC:** 55R35, 57R15

**Keywords:** varieties, measurable, fibrat, homeomorphism, differentiable.