DIFFERENTIAL OPERATORS ON BUNDLE OF ACCELERATIONS IN HOMOGENEOUS APPROACH

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Abstract. Using a special (h, v_1, v_2) metrical structure on the bundle of accelerations, the divergence of a field, the gradient and the Laplacean of a function on $Osc^{(2)}M$ are defined in this paper. In the case of homogeneous lift of a Riemannian metric to bundle of accelerations we obtain some results on differential operators.