

Structure of locally conformally symplectic Lie algebras and solvmanifolds

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Abstract. We obtain structure results for locally conformally symplectic Lie algebras. We classify locally conformally symplectic structures on four-dimensional Lie algebras and construct locally conformally symplectic structures on compact quotients of all four-dimensional connected and simply connected solvable Lie groups.

Mathematics Subject Classification (2010): 53D05 (primary); 22E60, 22E25, 53C55, 53D10, 53A30 (secondary).