

1. Reduction in Symplectic Geometry
 2. Graded manifolds.
 3. Application
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2. A graded manifold is a sheaf of local rings which is locally of the form

$$\widehat{\mathbb{R}^d} \otimes_{\mathbb{R}} (V)^* \quad \text{where } V \text{ is a fixed graded v.s.}$$

Thm Every graded manifold is isomorphic to the graded manifold arising from graded V bundles $E \rightarrow M$.

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