Info

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Standard symplectic form on cotangent bundle of a manifold

- Generating local symplectomorphism

  $$\phi : T^*Q_1 \to T^*Q_2$$

  using a map

  $$f \in \mathcal{C}^\infty(Q_1 \times Q_2)$$

  [1]

sett.cnstr.Man with a map

Current note has 0 direct children and 0 total descendants.

- structures based on sets
  - manifolds
    - smooth $\mathbb{R}$-manifold
      - Tangents on a smooth manifold
        - Cotangent space on a smooth manifold T_p^*M
          - Standard symplectic form on cotangent bundle of a manifold

And it has 1 siblings.

- structures based on sets
  - manifolds
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1. Ana Cannas da Silva - Lectures on Symplectic Geometry -Springer (2009).pdf > page=35 ↩