

CONFORMALLY EQUIVARIANT QUANTIZATION OF SUPERCOTANGENT BUNDLES

Let (M,[DLO99, tween we here this \mathcal{M} of M, tain an ex and prove invariant

Let G be a Then $\mathfrak{g} \subset$

- 1. Phase
- 2. Space $\mathcal{C}^{\infty}(T^*$
- 3. Space Aon de

Definitio phism of

- Existen formul
- For λ :

Let (M, g)spin system

1. Phase versing locally

2. Space $\Gamma(\mathcal{S}T)$ in ξ : \mathcal{S}°

3. Space sities [

Let us int

where ω is ordering

$$\mathcal{N}: \mathcal{S}^{\delta}(U)[\xi] \to \mathsf{D}^{\lambda,\mu}(U)$$
$$\stackrel{i_{1}\cdots i_{k}}{j_{1}\cdots j_{\kappa}}(x)\tilde{\xi}^{j_{1}}\cdots\tilde{\xi}^{j_{\kappa}}\tilde{p}_{i_{1}}\cdots\tilde{p}_{i_{k}} \mapsto P^{i_{1}\cdots i_{k}}_{j_{1}\cdots j_{\kappa}}(x)\frac{\gamma^{j_{1}}}{\sqrt{2}}\cdots\frac{\gamma^{j_{\kappa}}}{\sqrt{2}}\frac{\hbar}{\mathsf{i}}\partial_{i_{1}}$$

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