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Abstract: *The Schwartz kernel representation $(A \mapsto K_A) : \mathcal{L}(\mathcal{H}) \to \mathcal{H} \widehat{\otimes} \mathcal{H}'$ endows the space of continuous linear operators on a nuclear Hopf-Fréchet algebra $\mathcal{H}$ with a natural Hopf algebra structure. We study pseudodifferential symbolic calculus on a compact Lie group G related to the function Hopf algebra $\mathcal{H} := \mathcal{D}(G)$.*

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