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A groupoid generalization of the map $\overline{L^2(H)} \otimes L^2(H) \to A(H)$.

Let H be a locally compact group and $A(H)$ its Fourier algebra. The map $q_0 : \overline{L^2(H)} \otimes L^2(H) \to A(H)$ is a quotient map that respects the product. This result also admits an operator space version.

If we consider a locally compact groupoid G, we can define a Fourier algebra $A(G)$. In this talk we are going to present a map that extends q_0 to the groupoid context. In particular we need to define a trace-class type groupoid product on spaces that are projective tensor products of amplified L^2 row and column spaces.