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On Locally pre- C^* -Algebra Structures in Locally m -Convex H^* -Algebras

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 [Keywords](#)
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Abstract: We endow any locally m -convex H^* -algebra (E, τ) with a locally pre- C^* -topology weaker than τ . Examples and applications are provided.

Key Words: Locally pre- C^* -algebra, locally m -convex H^* -algebra, Q -algebra, positive semi-definite inner product.



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