

# Locally pseudoconvex inductive limit of topological algebras

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I will talk about locally pseudoconvex inductive limit of topological algebras (in particular, of locally pseudoconvex  $F$ -algebras<sup>1</sup>) and some properties of them.

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<sup>1</sup>A locally pseudoconvex  $F$ -algebra is a metrizable and complete algebra such that its underlying topological linear space is locally pseudoconvex.