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When $(E, \sigma(E, E'))$ *is a* DF*-space?*

Abstract: Let (E, t) be a Hausdorff locally convex space. Either $(E, \sigma(E, E'))$ or $(E', \sigma(E', E))$ is a DF-space iff E is of finite dimension (THEOREM). This is the most general solution of the problem studied by Iyahen [2] and Radenovič [3].