

QUASI DROP PROPERTIES, (α) -PROPERTIES AND THE STRICT MACKEY CONVERGENCE

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ABSTRACT. The Mackey (α) -property and quasi-weak (α) -property are defined. For disks in locally convex spaces with the strict Mackey convergence condition, the quasi drop property (resp. quasi weak drop property) implies Mackey (α) -property (resp. quasi weak (α) -property). In Frechet spaces, the quasi drop property and Mackey (α) -property are equivalent. Other equivalences are given.

Key words and phrases. Local completeness, Strict Mackey convergence, Quasi drop property and (α) -property.