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Formulas for the joint spectral radius in locally convex algebras

We present certain formulas for the joint spectral radius of mutually commuting elements of a locally convex algebra and prove that all of them are equal in case the algebra is pseudo-complete. This generalizes a previous result proved by the author for elements of a Banach algebra.

[2000 MSC: Primary 46H05, 46J05; Secondary 46H30].