

Commutators on power series spaces over non-Archimedean fields

Wiesław Śliwa, University of Rzeszów

Agnieszka Ziemkowska-Siwiek, Poznań University of Technology

The non-archimedean power series spaces $A_p(a)$ are the most known and important examples of non-archimedean nuclear Fréchet spaces. We prove that every continuous linear operator acting on a stable power series space is a commutator.