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Autor's ERRATUM at the paper: *On Rothe's fixed point theorem in a general topological vector space*, published by G. Isac in: An. Şt. Univ. Ovidius Constanţa, Ser. Mat., vol 12(2004), f2, 127-134

G. Isac

Abstract

In my paper "On Rothe's fixed point theorem in a general topological vector space", published in the volume dedicated to Prof. D. Pascali, I used Cauty's Theorem published as a solution to the famous Schauder's conjecture. (See Fundamenta math., 170 (2001), 231-246). Cauty's proof is an abstract because the complete proof is long and based on many technical results known in homological algebra. Personally, I did not have access to this proof. In 2005, a specialist in fixed-point theory remarked that a detail in Cauty's proof is not clear. In this case, my paper must be considered in the following sense: if Cauty's Theorem is correct, the Rothe's fixed point theorem is true in any Hausdorff general topological vector space.

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