FIXED POINT THEORY FOR ADMISSIBLE PAIRS AND MAPS IN FRÉCHET SPACES VIA DEGREE THEORY

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Abstract. New fixed point results are presented for admissible pairs and maps (admissible in the sense of Górniewicz) defined on subsets of a Fréchet space E. The proof relies on the notion of a pseudo open set, degree theory, and on viewing E as the projective limit of a sequence of Banach spaces.

Key Words and Phrases: fixed point, admissible pair, degree theory.

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