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Lefschetz property of complete intersections

Mircea CIMPOEAŞ

Abstract - Using Bressan-Colombo results, concerning the existence of continuous selections of lower semicontinuous multifunctions with decomposable values, we prove a continuous version of Filippov's theorem for a second-order semilinear differential inclusion. This result allows to obtain a continuous selection of the solution set of the problem considered.

Key words and phrases : cosine family of operators, mild solution, decom posable sets.

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