

Different Approaches to the Existence of Projected Solutions in Banach Spaces

Yboon Garcia¹, M. Bianchi², J. Cotrina³, and R. Pini⁴

¹Universidad del Pacífico, Peru

²Università Cattolica del Sacro Cuore, Italy

³Universidad del Pacífico, Peru

⁴Università degli Studi di Milano-Bicocca, Italy

Abstract

Quasi-equilibrium problems generalize equilibrium problems, as introduced in the framework of Blum and Oettli. This study focuses on quasi-equilibrium problems in which the constraint map is not a self-map. We present various reformulations that establish existence results for projected solutions in Banach spaces. Furthermore, we apply these findings to quasi-variational inequalities and quasi-optimization problems.

References

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