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Existence of equilibrium pairs for free abstract economies

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Abstract - In this paper, using Wu's existence theorem of maximal elements for lower semicontinuous correspondences (Proc. Amer. Math. Soc., **125** (1997), 1779-1783) and Kim and Lee's existence theorems of best proximity pairs (J. Math. An. Appl., **316** (2006), 433-446), we prove the existence of equilibrium pairs for free abstract economies first with upper semicontinuous and then with lower semicontinuous constraint correspondences and Q_θ -majorized preference correspondences.

Key words and phrases : Q -majorized correspondences, free abstract economy, equilibrium pair.

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