

**Résumé:**

The main purpose of this talk is the study of finite dimensional equilibrium problems. First we guarantee existence of solutions for equilibrium problems under reasonable assumptions. We then introduce a proximal point method for finding solutions of equilibrium problems, using a regularization technique. We also discuss an augmented Lagrangian method for solving this kind of problems whose feasible sets are defined by convex inequalities, generalizing the proximal augmented Lagrangian method for constrained optimization.