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1003-46-95 **Jinlu Li*** (jli@shawnee.edu), Dept. of Math., Shawnee State University, Portsmouth, OH 45662.

Approximations of equilibrium problems and complementarity problems. Preliminary report.

In this paper, we apply the metric projection operator and a generalized metric projection operator, by using some special iteration sequences, to approximate the solutions of equilibrium problems and complementarity problems. We will use summability techniques and fixed point theory, that have been used by many authors such as Mann, Ishikawa, Rhoades, Takahashi and others. (Received August 04, 2004)