



EXISTENCE THEOREMS OF THE GENERALIZED
EKELAND-TYPE VARIATIONAL PRINCIPLES
- AND GENERALIZED QUASI-EQUILIBRIUM
PROBLEMS

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This thesis entitled "Existence theorems of the generalized Ekeland-type variational principles and generalized quasi-equilibrium problems" submitted by Kanokwan Sitthithakerngkiet in partial fulfillment of the requirements for the Doctor of Philosophy Degree in Mathematics is hereby approved.

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