

**FIXED POINT THEOREMS AND CONVERGENCE
THEOREMS OF ISHIKAWA ITERATIONS FOR
SOME GENERALIZED NONEXPANSIVE
MAPPINGS IN $CAT(\kappa)$ SPACES**



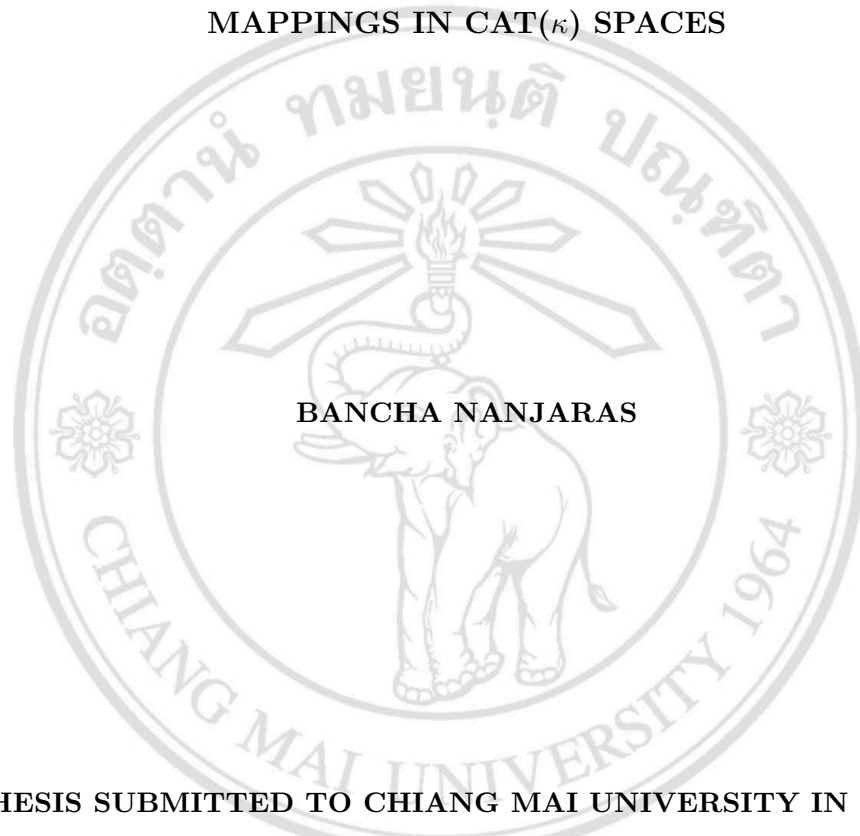
BANCHA NANJARAS

**DOCTOR OF PHILOSOPHY
IN MATHEMATICS**

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**GRADUATE SCHOOL
CHIANG MAI UNIVERSITY
APRIL 2016**

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BANCHA NANJARAS

**A THESIS SUBMITTED TO CHIANG MAI UNIVERSITY IN PARTIAL
FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF
DOCTOR OF PHILOSOPHY
IN MATHEMATICS**

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THIS THESIS HAS BEEN APPROVED TO BE A PARTIAL FULFILLMENT OF
THE REQUIREMENTS FOR THE DEGREE OF
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Bancha Nanjaras

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