## SUFFICIENT CONDITIONS FOR A NEWTON METHOD TO SOLVE SYSTEMS OF NONLINEAR EQUATIONS

MASTER OF SCIENCE PLIED MATHEMAT

**PRAPART PUE-ON** 

**IN APPLIED MATHEMATICS** 

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**GRADUATE SCHOOL** 

CHIANG MAI UNIVERSITY

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## SUFFICIENT CONDITIONS FOR A NEWTON METHOD TO SOLVE SYSTEMS OF NONLINEAR EQUATIONS

PRAPART PUE-ON

A THESIS SUBMITTED TO THE GRADUATE SCHOOL IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE IN APPLIED MATHEMATICS

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THIS THESIS HAS BEEN APPROVED TO BE A PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE IN APPLIED MATHEMATICS

**EXAMINING COMMITTEE** 

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MEMBER

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VG MAI

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