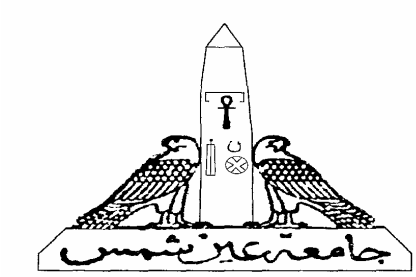

Effect of Absolute Laser Phase on Reaction Dynamics

A Thesis

Submitted to the Faculty of Science

Ain Shams University

For the degree of Doctor

of Philosophy in Physics

By

Elwallid Shehata Kotb Mohamed Sedik

National Research Center

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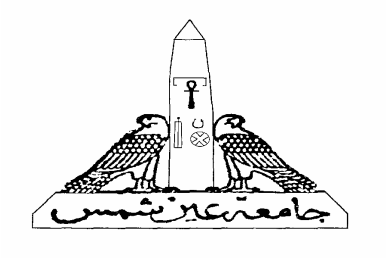
2009

To my beloved father, Shehata K. M. Sedik

To my beloved Mother, Settin M. Mazroah

To my beloved Sister, Nagla S. Sedik



Approval Sheet

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- Thesis Title: Effect of Absolute Laser Phase on Reaction Dynamics**.**

- Degree: Doctor of Philosophy**.**

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Higher Studies

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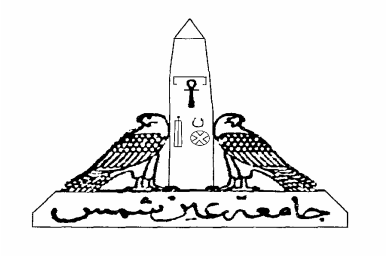

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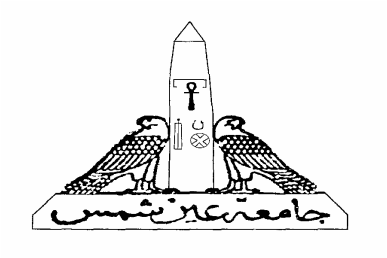
- Mammouth clusters that are configured with 872 Dell PowerEdge 750 servers with Intel Pentium 4 3.2 GHz processors and 576 Dell PowerEdge SC1425 servers with 64-bit Intel Xeon 3.6 GHz processors. The clusters run on Linux and provides users with 6.3 TeraBytes of memory and more than 200 TeraBytes of overall disk storage.



Title

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Degree: Doctor of Philosophy in Science in Physics

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Faculty: Science

University: Ain Shams

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Awarded Degree Year: 2010

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