



Ain Shams University
Faculty of Science
Chemistry Department



Physicochemical and Separation Studies of some Lanthanides and some Coexisting Elements of Nuclear Significance from Various Sources

A Thesis Submitted by:

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M. Sc. of Science in Chemistry (2016)

Assistant Lecturer at Nuclear Chemistry Department

Hot Laboratories Center

Atomic Energy Authority

*For the Degree of Doctor of Philosophy of Science
(Chemistry)*

To

Chemistry Department

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**To
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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

وَعَلَّمَكَ مَا لَمْ تَكُنْ تَعْلَمُ
وَكَانَ فَضْلُ اللَّهِ عَلَيْكَ عَظِيمًا

صَدَقَ اللَّهُ الْعَظِيمُ

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Mohamed Abd El-hameed Ghamry

To
My Father and My
Mother

To
My Lovely Wife and My Sons,
[Ziad and Ahmed]
&
My Brothers and My Sister

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