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THE ROLE OF URBAN ACUPUNCTURE AND SPACE SYNTAX IN ENHANCING URBAN LIVABILITY

A synergy-based approach for Urban Redevelopment in Alexandria, Egypt

A Thesis

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in
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Dedication

“In the loving memory of my late father”

Prof. Dr. Mostafa El Araby

This thesis is dedicated to my beloved father who passed away right before I started my PhD. He always encouraged me to pursue my studies and though he never got to see this dissertation, he was my only source of inspiration. So, I would like to thank him for his endless support and love. Without him I wouldn't have accomplished anything in my life.

May his memory be a forever blessing.

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To my children,

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Malak

Mostafa

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List of Abbreviations

Abbreviation	Definition
UA	Urban Acupuncture
SS	Space Syntax
UL	Urban Livability
UCL	University College London
LUTRAQ	Land Use Transportation Air Quality connection project
EEA	European Environment Agency
AARP	American Association of Retired Persons
CPL	USA Community Planning Laboratory
ACC	Adelaide City Council
ICMA	International City/Country Management Association
EPA	U.S. Environmental Protection Agency
VGA	Visibility Graph Analysis
UN	United Nations
ADA	Arriyadh Development Authority
WBS	World Bank Staff