

CONTENTS

	Page
Chapter I Literature survey	
Introduction	1
Theory of charge transfer complexes	2
1- Different kinds of donor-acceptor interaction	5
2- Classification of donors	
(I) Aromatic hydrocarbons and heterocycles	
(a) Unsubstituted aromatic heterocycles	6
(b) The effect of substitution	6
(c) Hetero aromatic molecules (as electron donors)	9
(i) Nitrogen heterocycles	9
(ii) Oxygen heterocycles ketones	9
(iii) Sulphur heterocycles	10
(II) Coordination complex	10
3- Acceptors	11
(a) General	11
(b) Electron affinities	12
Charge transfer complexes with aromatic nitro compounds	13
Aim of present investigation	26