

CONTENTS

	<u>PAGE</u>
SUMMARY	i
CHAPTER (I): SURVEY ON THE NONPARAMETRIC DENSITY	
ESTIMATION	1
1.0. Introduction	1
1.1. Preliminaries	1
1.2. Kernel-type estimators	2
1.3. Series estimators	29
1.4. Penalized maximum likelihood estimators	42
1.5. Delta sequence estimators	45
1.6. Recursive estimators	51
CHAPTER (II): ESTIMATING THE PROBABILITY DENSITY IN	
PRESENCE OF NOISE	61
REFERENCES	97
ARABIC SUMMARY	