

CONTENTS

FOREWORD	7
PART A – THEORETICAL FINDINGS	9
1. THE THEORY OF DISSOCIATION, ITS RETROSPECTIVES AND PERSPECTIVES	9
Beginnings of the dissociation theory	9
Hypnosis and Hilgard's neodissociation theory	10
Dissociation and multiple personality	12
State dependent learning	14
Explicit and implicit perception	14
Dissociative processes and neural networks	16
Trauma and dissociation	16
Dissociative processes and their measurement	17
Conclusion of the chapter 1	18
2. DISSOCIATION, FORCED NORMALIZATION AND RELATIONSHIP BETWEEN EPILEPSY AND PSYCHOSIS	19
Forced normalization	19
Somnambulism and Jouvet's cat	20
Dissociation as a competition of neural assemblies and mental representations	21
Dissociation and relationship between epilepsy and psychosis	23
Conclusion of the chapter 2	24
3. DISSOCIATION AND INHIBITORY MECHANISMS	25
4. DISSOCIATION, ASSOCIATIVE CONNECTIONS AND KINDLING PHENOMENA	26
Competition among neural assemblies and kindling phenomena	26
Conclusion of the chapter 4	28
5. EPILEPSY AND DISSOCIATION	28
6. DEPRESSION AND DISSOCIATION	29
7. RELATIONSHIP BETWEEN EPILEPSY AND DEPRESSION	31
PART B – EMPIRICAL FINDINGS AND CLINICAL APPLICATIONS	33
8. DISSOCIATION AND DIFFERENTIAL DIAGNOSTICS OF EPILEPTIC AND PSYCHOGENIC NON-EPILEPTIC SEIZURES	33
Dissociative disorders and epilepsy	33
Problems of differential diagnostics between epilepsy and psychogenic non-epileptic seizures	33
Methods of the study	34
Results	35
Discussion	36
Conclusion of the chapter 8	37
9. DISSOCIATION, COMPLEX PARTIAL SEIZURE-LIKE SYMPTOMS AND OTHER PSYCHOPATHOLOGICAL PROCESSES IN DEPRESSED PATIENTS	37
Methods of the study	38
Results	39
Discussion	40
Conclusion of the chapter 9	41
10. Conclusion	42
APPENDIX – DIAGNOSTIC INSTRUMENTS	43
SUMMARY	57
REFERENCES	63