

1 INTRODUCTION	1
1.1 AN OVERVIEW	3
2 THE DYNAMIC VECTORS AND MATRICES UNIT.	7
2.1 THE INTERFACE SECTION	7
2.2 THE DYNAMIC VECTOR OBJECT	9
2.3 THE DYNAMIC MATRIX OBJECT	11
2.4 THE CROUPIER OBJECT	14
2.5 UNIT INITIALISATION	14
3 THE BASIC UNIT	16
3.1 THE INTERFACE SECTION	16
3.2 THE NEURON OBJECT	20
3.3 THE NEURALNET OBJECT	23
3.4 THE SIGNALFUNCTION	29
4 THE BPNET2 UNIT	34
4.1 THE INTERFACE SECTION	34
4.2 THE SIMPLEBPNET OBJECT	36
5 THE BRAIN UNIT	45
5.1 THE INTERFACE SECTION	45
5.2 THE AUXILIARY FUNCTIONS	46
5.3 THE SCALINGBPNET OBJECT	47