

<b>1 INTRODUCTION</b>	<b>1</b>
1.1 AN OVERVIEW	3
<b>2 THE DYNAMIC VECTORS AND MATRICES UNIT.</b>	<b>7</b>
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
<b>3 THE BASIC UNIT</b>	<b>16</b>
3.1 THE INTERFACE SECTION	16
3.2 THE NEURON OBJECT	20
3.3 THE NEURALNET OBJECT	23
3.4 THE SIGNALFUNCTION	29
<b>4 THE BPNET2 UNIT</b>	<b>34</b>
4.1 THE INTERFACE SECTION	34
4.2 THE SIMPLEBPNET OBJECT	36
<b>5 THE BRAIN UNIT</b>	<b>45</b>
5.1 THE INTERFACE SECTION	45
5.2 THE AUXILIARY FUNCTIONS	46
5.3 THE SCALINGBPNET OBJECT	47