

```

1 package teste;
2
3 import java.io.FileNotFoundException;
4 import java.io.PrintWriter;
5 import java.io.UnsupportedEncodingException;
6
7 import classes.RBFDinamica;
8
9 /**
10  * created by lgcaobianco on 2018-05-26
11  */
12
13 public class TestarRBFdinamica {
14     public static void main(String[] args) throws
15     FileNotFoundException, UnsupportedEncodingException {
16         RBFDinamica rbf = new RBFDinamica();
17         double epsilon = Math.pow(10, -7);
18
19         rbf.primeiroEstagioTreinamento();
20
21         rbf.imprimirGrupoOmega();
22
23         int contadorEpocas = 0;
24         System.out.println("centroide final");
25         rbf.imprimirQualquer(rbf.getCentroide());
26
27         for (int i = 0; i < rbf.getConjuntoEntrada().size(
28 ); i++) {
29             rbf.obterG(i);
30         }
31
32         double erroAnterior = 1, erroAtual = 0;
33         System.out.println("W2 inicial");
34         rbf.imprimirQualquer(rbf.getW2());
35         PrintWriter writer = new PrintWriter("/home/
36 lgcaobianco/repositorios/epc-rna/epc8/src/base/eqm.csv", "
37 UTF-8");
38
39         while (Math.abs(erroAtual - erroAnterior) >
40 epsilon) {
41             for (int i = 0; i < rbf.getConjuntoEntrada().
42 size(); i++) {
43                 rbf.propagation(i);
44             }
45             erroAnterior = erroAtual;
46             erroAtual = rbf.obterEm();
47             writer.println(contadorEpocas + "," + (
48 erroAtual - erroAnterior));
49             contadorEpocas++;
50         }
51         writer.close();
52     }
53 }

```

```
44         System.out.println(contadorEpocas);
45         System.out.println("W2: ");
46         rbf.imprimirQualquer(rbf.getW2());
47
48         rbf.faseOperacao();
49
50     }
51 }
52
```