

```
Trial>> [w_aleatorio, w_saida, table] = elm_mlp(X_tr, d_tr, X_va, d_va, X_test, w_aleatorio, w_saida, table, S, 0.001, 2, 0.1);
lambda = 0.001000 -> CER = 0.073491
```

```
lambda = 0.101000 -> CER = 0.073491
```

```
lambda = 0.201000 -> CER = 0.073491
```

```
lambda = 0.301000 -> CER = 0.073491
```

```
lambda = 0.401000 -> CER = 0.073491
```

```
lambda = 0.501000 -> CER = 0.073491
```

```
lambda = 0.601000 -> CER = 0.073491
```

```
lambda = 0.701000 -> CER = 0.073491
```

```
lambda = 0.801000 -> CER = 0.073491
```

```
lambda = 0.901000 -> CER = 0.073491
```

```
lambda = 1.001000 -> CER = 0.073491
```

```
lambda = 1.101000 -> CER = 0.073491
```

```
lambda = 1.201000 -> CER = 0.073491
```

```
lambda = 1.301000 -> CER = 0.073491
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lambda = 1.401000 -> CER = 0.073491
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```
lambda = 1.501000 -> CER = 0.073491
```

```
lambda = 1.601000 -> CER = 0.073491
```

```
lambda = 1.701000 -> CER = 0.073491
```

```
lambda = 1.801000 -> CER = 0.073491
```

```
lambda = 1.901000 -> CER = 0.073491
```

RESULT OF VALIDATION

```
best_lambda = 0.001000 -> CER = 0.073491
```

RESULT IN TESTING

CER per class

0.0208

0.0802

0.0939

0.0601

0.0915

0.0335

0.0618

0.0972

0.0943

0.0275

CER = 0.066082

Trial>>