**Варианты лабораторной работы № 3**

«Применение многослойной нейронной сети

для классификации данных»

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| **Вариант** | **Файл с данными** | **Число и АХ нейронов 1-го скрытого слоя** | **Число и АХ нейронов 2-го скрытого слоя** | **Режим обучения** |
| 1 | data\_lab3v01.csv | 5, tanh | 5, tanh | Stochastic |
| 2 | data\_lab3v02.csv | 10, logistic | 10, logistic | Batch |
| 3 | data\_lab3v03.csv | 10, tanh | 10, tanh | Batch |
| 4 | data\_lab3v04.csv | 10, tanh | 10, tanh | Batch |
| 5 | data\_lab3v05.csv | 15, logistic | 15, logistic | Mini-batch, bs = 20 |
| 6 | data\_lab3v01.csv | 10, logistic | 10, logistic | Mini-batch, bs = 20 |
| 7 | data\_lab3v02.csv | 20, logistic | 20, logistic | Stochastic |
| 8 | data\_lab3v03.csv | 5, softplus | 5, softplus | Stochastic |
| 9 | data\_lab3v04.csv | 20, logistic | 20, logistic | Mini-batch, bs = 20 |
| 10 | data\_lab3v05.csv | 5, logistic | 5, logistic | Batch |
| 11 | data\_lab3v01.csv | 10, softplus | 10, softplus | Batch |
| 12 | data\_lab3v02.csv | 30, logistic | 5, tanh | Batch |
| 13 | data\_lab3v03.csv | 30, logistic | 5, logistic | Stochastic |
| 14 | data\_lab3v04.csv | 10, tanh | 10, tanh | Batch |
| 15 | data\_lab3v05.csv | 15, tanh | 5, logistic | Mini-batch, bs = 20 |