

Riga Technical University
Faculty of Science and Knowledge



Modern Scientology

Laboratory work

Deducing whether the chicken or the egg

Bebek Bebekov

1. group

000KEK000

Kekek Kekekov

2. group

000LOL000

Riga, 2023

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1. Introduction

You can use bibliography in any section you want, for example, [1] and [2].

You can also show your code with highlighting and line numbers:

```
1 #include <torch/torch.h>
2
3 struct Net : torch::nn::Module {
4     Net(int64_t N, int64_t M) {
5         W = register_parameter("W", torch::randn({N, M}));
6         b = register_parameter("b", torch::randn(M));
7     }
8     torch::Tensor forward(torch::Tensor input) {
9         return torch::addmm(b, input, W);
10    }
11    torch::Tensor W, b;
12 };
13
14 int main() {
15     Net net(4, 5);
16     for (const auto& p : net.parameters()) {
17         std::cout << p << std::endl;
18     }
19 }
```

1.1. Heading level 2

1.1.1. Heading level 3

Bibliography

- [1] F. Bar, "Where the wild things are.," *J.P.B.*, 2010, doi: 10.1.1/jpb001.
- [2] I. S. Shaw, *What is an Intelligent System?*, vol. 457. Boston, MA: Springer, 1998. doi: 10.1007/978-1-4757-2813-2_1.