Riga Technical University

Faculty of Science and Knowledge

Modern Scientology
Laboratory work
Deducing whether the chicken or the egg

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000KEK000

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Contents

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:

```cpp
 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.