Riga Technical University

Faculty of Science and Knowledge

Modern Scientology

Laboratory work

Deducing whether the chicken or the egg

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1. group
000KEK000

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000LOL000

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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:

```
#include <torch/torch.h>

struct Net : torch::nn::Module {
  Net(int64_t N, int64_t M) {
    W = register_parameter("W", torch::randn({N, M}));
    b = register_parameter("b", torch::randn(M));
  }
  torch::Tensor forward(torch::Tensor input) {
    return torch::addmm(b, input, W);
  }
  torch::Tensor W, b;
};

int main() {
  Net net(4, 5);
  for (const auto& p : net.parameters()) {
    std::cout << p << std::endl;
  }
}
```

1.1. Heading level 2

1.1.1. Heading level 3

1.1.1. Bibliography

[1] F. Bar, “Where the wild things are.,” *J.p.b.*, 2010, doi: 10.1.1/jpb001. [Online]. Available: http://dx.doi.org/10.1.1/jpb001

[2] I. S. Shaw, *What Is an Intelligent System?*, vol. 457, Boston, MA: Springer, 1998.