Abstract

Background/introduction

* What is process model
* What is Neural Network
* Why needs neural network
* examples
* workflow
* The goal
* P2D model introduction

Method

* Keras/tensorflow
* Choice of hyperparameter
* Function paragraph (checkpoint, epoch\_num, batch normalization
* Usage of synthetic data and real data
* How to deal with complex number

Results

* Comparison of real data
* Best model
* Best model structure
* How to get model better (Compare different models) (heat map possible)
* Training time/R^2

Discussion

* Limitation&Challenges
* Why it does not work
* What part (real/complex)
* Possible next step