

This is a latex README File, we will use some additional information to derive the model here, notice that we will also give some insight to the model we see and the paper we have seen.

This also include some code analysis for achieving the given algorithm and how will we use the pytorch to achieve the models proposed in the papers. PyTorch 代码块如下所示

```

1      import pandas as pd
2      import os
3      import sys
4      import torch
5      import torch.nn as nn
6      import torch.nn.functional as F
7
8      class MyModel(nn.Module):
9          """[define some args]
10
11          Parameters
12          -----
13          nn : [pytorch Module]
14              [description]
15
16          """
17
18          def __init__(self, in_dim, out_dim):
19              def __init__(MyModel, self).__init__()
20              hidden_dim_ = 5
21              self.linear1 = nn.Linear(in_dim, hidden_dim_)
22              self.linear2 = nn.Linear(hidden_dim_, out_dim)
23          def forward(self):
24              pass

```

$$Y^2 = x^3 + 5\frac{x}{y^2} + 4 \times x + \Delta$$