light_data_3.10/result/3.15：

（1） /rand_bias0.3：采样率 10M，接收速率 60M，均匀分布，偏置电流 0.3A。

1. /mix_amp: 混合幅度数据作为训练数据，且数据归一化。发送信号是均匀分布的随机信号，采样率为 10M，接收速率 60M，偏置电流 0.3A。与之前不同的是，此次训练用的数据是幅度较大的几个数据，而不是全部幅度的数据，以此来试验用大幅度数据训练出来的网络能否适用于小幅度数据。

1.1 /Threenonlinear1：

训练数据：amp21-amp26 ； P=5，F=0.1

```
Threenonlinear ,
ini learningRate = 1.000000e-02 ,
min batch size = 400 ,
DropPeriod = 5 ,
DropFactor = 0.100000 ,
train begin = 21 , train end = 26 , train step = 1 , train data num = 285
test begin = 2 , test end = 20 , test step = 1 , test data num = 20
validationFrequency is floor(numel(xTrain)/miniBatchSize/4)
H order = 48
Hidden Units = 60
```

1.2 /Threenonlinear2：

训练数据：amp21-amp26。更改学习率相关参数。P=8，F=0.1

```
Threenonlinear ,
ini learningRate = 1.000000e-02 ,
min batch size = 400 ,
DropPeriod = 8 ,
DropFactor = 0.100000 ,
train begin = 21 , train end = 26 , train step = 1 , train data num = 285
test begin = 2 , test end = 20 , test step = 1 , test data num = 20
validationFrequency is floor(numel(xTrain)/miniBatchSize/4)
H order = 48
Hidden Units = 60
```

1.3 /Threenonlinear3：

训练数据：amp21-amp26。更改学习率相关参数。P=10，F=0.1

```
Threenonlinear ,
ini learningRate = 1.000000e-02 ,
min batch size = 400 ,
DropPeriod = 10 ,
DropFactor = 0.100000 ,
train begin = 21 , train end = 26 , train step = 1 , train data num = 285
test begin = 2 , test end = 20 , test step = 1 , test data num = 20
validationFrequency is floor(numel(xTrain)/miniBatchSize/4)
H order = 48
Hidden Units = 60
```

1.4 /Threenonlinear4：

训练数据：amp21-amp26。更改学习率相关参数。P=8，F=0.5

```
Threenonlinear ,
ini learningRate = 1.000000e-02 ,
min batch size = 400 ,
DropPeriod = 8 ,
DropFactor = 0.500000 ,
train begin = 21 , train end = 26 , train step = 1 , train data num = 285
test begin = 2 , test end = 20 , test step = 1 , test data num = 20
validationFrequency is floor(numel(xTrain)/miniBatchSize/4)
H order = 48
Hidden Units = 60
```

1.5 /Threenonlinear5：

训练数据：amp21-amp26。更改学习率相关参数。P=7，F=0.1

```
Threenonlinear ,
ini learningRate = 1.000000e-02 ,
min batch size = 400 ,
DropPeriod = 7 ,
DropFactor = 0.100000 ,
train begin = 21 , train end = 26 , train step = 1 , train data num = 285
test begin = 2 , test end = 20 , test step = 1 , test data num = 20
validationFrequency is floor(numel(xTrain)/miniBatchSize/4)
H order = 48
Hidden Units = 60
```

1.6 /Threenonlinear6：

训练数据：amp21-amp26。更改学习率相关参数。P=6，F=0.1

```
Threenonlinear ,
ini learningRate = 1.000000e-02 ,
min batch size = 400 ,
DropPeriod = 6 ,
DropFactor = 0.100000 ,
train begin = 21 , train end = 26 , train step = 1 , train data num = 285
test begin = 2 , test end = 20 , test step = 1 , test data num = 20
validationFrequency is floor(numel(xTrain)/miniBatchSize/4)
H order = 48
Hidden Units = 60
```