The experiment process is shown in my paper. And you can order them step by step according to my introduction in the Particle Swarm Algorithm Process. Then using the Matlab is to complete the realted code of RNN.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Time | Temperature | Press | MLSS | Resistance | Membrane Flux |
| (h) | (oC) | (KPa) | (mg/L) | (1012m-1) | (L/m2h) |
| 1 | 24 | 16 | 343.38 | 2.05 | 46.4 |
| 2 | 24 | 16.8 | 378.15 | 2.403 | 45.5 |
| 3 | 24 | 17.5 | 392.42 | 2.989 | 45.3 |
| 4 | 24 | 24.3 | 472.43 | 3.796 | 42.2 |
| 5 | 24 | 26.8 | 483.73 | 3.957 | 45.1 |
| 6 | 24 | 29.1 | 583.16 | 4.41 | 42.2 |
| 7 | 24 | 32.5 | 556.43 | 5.119 | 39.7 |
| 8 | 24 | 36.2 | 503.56 | 6.075 | 37.3 |
| 9 | 24 | 35.1 | 591.41 | 7.143 | 31.4 |
| 10 | 24 | 38.5 | 561.85 | 8.421 | 28.9 |
| 11 | 24 | 26.9 | 612.42 | 7.623 | 21.7 |
| 12 | 24 | 22.6 | 655.47 | 9.737 | 14.5 |
| 13 | 24 | 19.8 | 712.43 | 11.659 | 11.2 |
| 14 | 24 | 19.3 | 615.12 | 12.911 | 10.5 |
| 15 | 24 | 18.7 | 715.89 | 12.54 | 9.4 |
| 16 | 24 | 15.5 | 331.28 | 1.793 | 51.8 |
| 17 | 24 | 16.4 | 380.15 | 2.4175 | 46.5 |
| 18 | 24 | 19.7 | 391.41 | 3.197 | 42.3 |
| 19 | 24 | 23.9 | 442.44 | 3.673 | 41.2 |
| 20 | 24 | 26.4 | 493.72 | 3.961 | 43.4 |
| 21 | 24 | 28.3 | 587.23 | 4.438 | 39.2 |
| 22 | 24 | 31.9 | 568.43 | 5.233 | 37.8 |
| 23 | 24 | 35.5 | 583.56 | 6.019 | 36.7 |
| 24 | 24 | 36.9 | 585.41 | 7.013 | 32.5 |
| 25 | 24 | 38.4 | 571.67 | 8.025 | 28.9 |
| 26 | 24 | 26.8 | 601.32 | 9.043 | 21.6 |
| 27 | 24 | 23.4 | 654.15 | 9.941 | 15.9 |
| 28 | 24 | 19.6 | 698.23 | 10.892 | 11.3 |
| 29 | 24 | 19.1 | 695.72 | 12.136 | 10.1 |
| 30 | 24 | 18.5 | 709.46 | 12.759 | 8.4 |