







**Step 6.** Check the termination conditions. If SFLA finds a feasible schedule scheme or the iterations where  $P_x$  can't be improved reach the maximum, then stop the operation of SFLA. Else return to Step 3.

## References

1. Muzaffar, M., Eusuff and Lansey, K.: Optimization of water distribution network design using the shuffled frog leaping algorithm. Presented at Journal of Water Resources Planning and Management, 2003, pp.210-225.
2. Luo, X., Yang, Y., and Li, X.: Solving TSP with Shuffled Frog-Leaping Algorithm. Proc. ISDA (3), 2008, pp.228-232