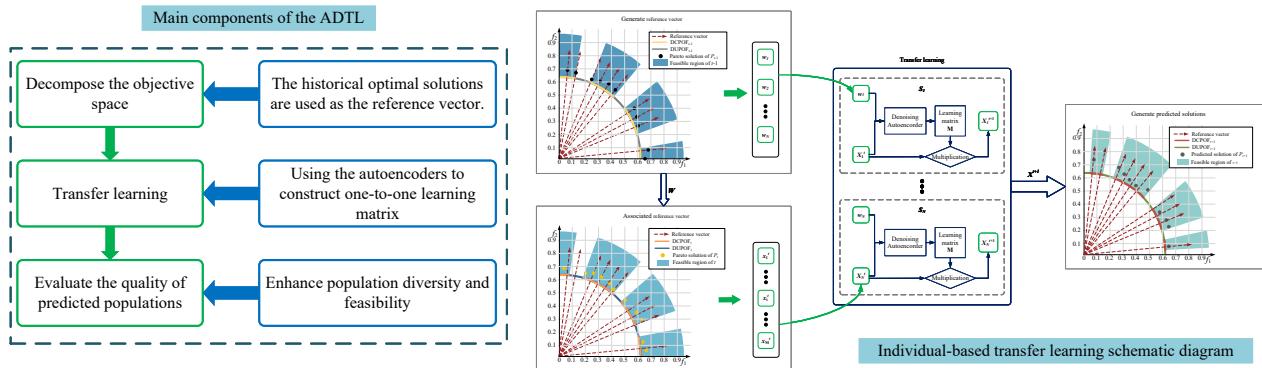


# Graphical Abstract

## Adaptive Decomposition-Based Transfer Learning for Dynamic Constrained Multi-Objective Optimization

Li Yan, Yinjin Wu, Boyang Qu, Chao Li, Jing Liang, Kunjie Yu, Caitong Yue, Baihao Qiao, Yuqi Lei

### ADTL: Adaptive Decomposition-Based Transfer Learning for Dynamic Constrained Multi-Objective Optimization



This approach employs **historical optimal solutions** as reference vectors to track the **shifting feasible region** and uses autoencoders to **learn environmental change patterns**, thereby constructing a **transfer learning** matrix within each subregion to accelerate convergence.