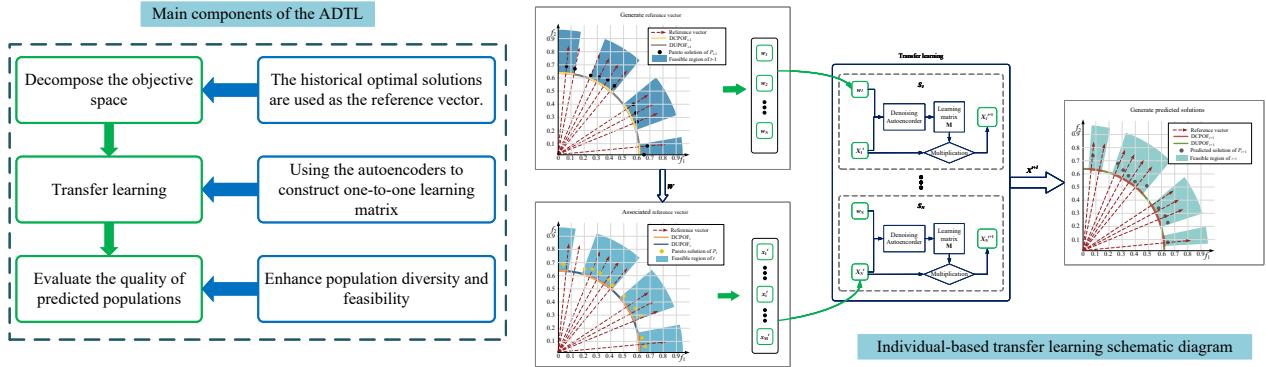


Graphical Abstract

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

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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.