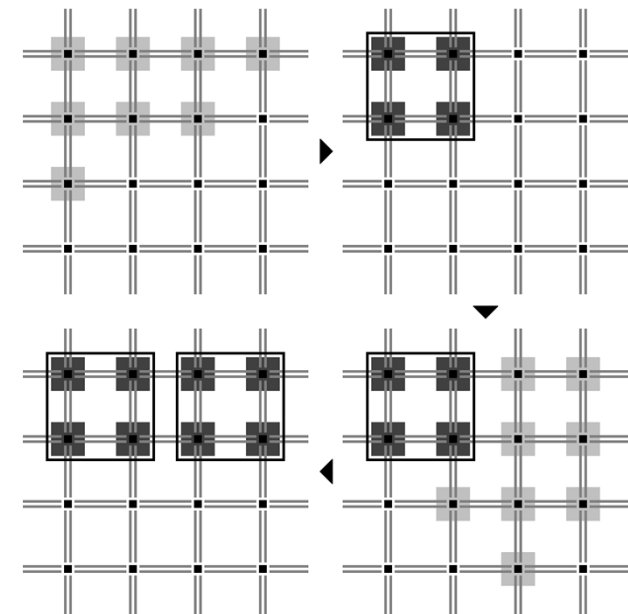


# Division of Road Traffic Network based on Genetic Algorithm and Graph Coarsening

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- Multi-level graph coarsening utilized for improving results of a genetic algorithm for road traffic network division
- Coarsening based also on the geographical closeness of the crossroads (multiple crossroads merged into one node at once)
- Faster and better road traffic networks division
- Significant reduction of the distributed road traffic simulation computation time



Coarsening of a road traffic network (4 crossroads per node)