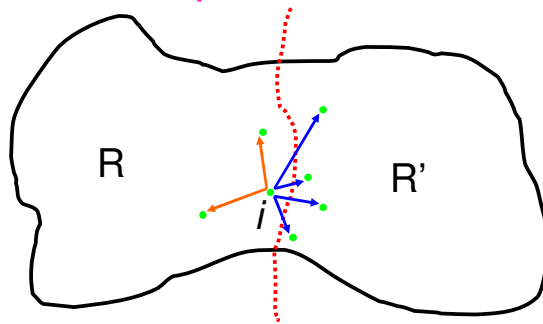


# Hard Optimization Problems: Practical Approach

## Problems for Lecture 7

### Exc#8: LCC for the bisectioning problem



Given 2 partitions, find a linear time algorithm for the construction of their LCC

### Exc#8\*: LCC for linear ordering problems

Find a (nearly) linear time algorithm (e.g. sorting is allowed) for the LCC of 2 permutations, in which subpermutations are detected and chosen into the best-so-far

