

```

cities, distances
start ←
cities
current ←
start
tour ←
start
unvisited ←
cities \
{start}
unvisited ≠
∅
next ←
unvisited
current
next
tour
next
unvisited
current ←
next
start
tour
tour

```

Advantages:

Simplicity

Efficiency

Limitations:

Optimality

Short-sightedness

tour, distances

improved ←

true

improved

improved ←

false

i ←

tour

j ←

i +

1

tour

tour, i, j

<

tour

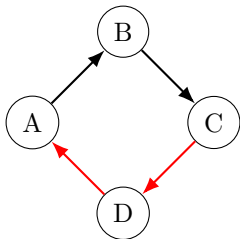
tour ← j

tour, i, j

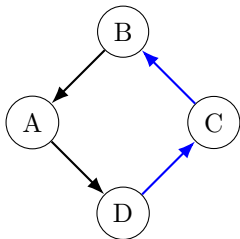
improved ←

true

tour



Before 2-opt



After 2-opt