

$\text{ReidemeisterOne}@k$  gives all the knots that can be obtained by adding a positive kink at an even index to the knot  $k$ , which is given in modified DT form.

```
ReidemeisterOne@k_MDT := ReidemeisterOne@k =  
  Table[EDT @@ (Map[# + If[Abs@# ≥ 2 i, 2 Sign@#, 0] &,  
    List @@ Build@kT, {2}]  
    ∪ {{2 i, 2 i + 1}}T)  
    // Convert, {i, Length@k}] ∪ {} // KnotSort;
```