

$\text{ReidemeisterOne}@k$ 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}]   
    U {{2 i, 2 i + 1}})T)   
  // Convert, {i, Length@k}] U {} // KnotSort;
```