

$\text{ReidemeisterOne}@k$ 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@#  $\geq$  2 i, 2 Sign@#, 0] &,   
    List @@ Build@ $k^T$ , {2}]   
     $\cup \{\{2\ i, 2\ i + 1\}\}^T$ )   
    // Convert, {i, Length@ $k$ }]  $\cup \{\}$  // KnotSort;
```