

Compactify@ $k$  gives the modified DT  
form of the knot  $k$ , which is given in extended DT form.

**Compactify@k\_EDT :=**

```
Compactify@k = MDT @@ ( ({1, Sign[#[[1]] #[[2]]}]  
    Mod[Abs@If[OddQ@#[[1]], #, #[{2, 1}]]],  
    2 Length@k[[1], 1] &  
    /@ (List @@ kT)  
    // Sort)T[[2]]  
// Sign@#[[1]] #/2 &) ;
```