

$\text{Shift}[k, o, s]$  gives the result of shifting the knot  $k$ , which is given in modified DT form, by  $o$  units forward and reversing the direction if the sign  $s$  is negative.

```
Shift[k_MDT, o_Integer, s_Integer] :=  
  Compactify[EDT @@ (Sign[List @@ Build@k]  
    (o + Abs[List @@ Build@k] s + 2 Length@k) ) ] ;
```