```
TwoPass@k gives all the knots that can be obtained by applying one 2–pass to the knot k, which is given in modified DT form.
```

If [Length [Join @@ c] < 2 n - 4

Subsets [Delete [Range [2 n],

&&v[]Join@@c ==

{1, Sort@Join[#, v] & /@

 $KnotSort[Minimal/@y \cup {}]];$ 

{i, 2n}];

1+{1,-1,1,2n-1},2],2n,1]];

Abs@p[Join@@c] ∪ Mod[{i, i+1}, 2 n, 1],
AppendTo[y, Convert[Build@k /. x\_Integer :>

 $Mod[\{\{i, i+1\}\}^T, 2n, 1]], \{2\}]\}]],$ 

PassMapping[v, l, p, c, n, Abs@x, i]]]]],