

EdgeSequence@ k gives a list of the strands in the order that they should be calculated from the generators, which are returned as a list as the first element of the result, of the knot k , which is given in modified DT form.

```
EdgeSequence@k_MDT := EdgeSequence@k =
Block[{s, w = List @@@ List @@ ToPD@k},
  s = (w //. (Max@# → Min@# & /@ w[[ ;; , {3, 5}]]))T[[
    2 ;; 4]]T;
  Complement @@@
    (Table[{# ∪ i[[ ;; 2]] → # ∪ i, # ∪ i[[2 ;;]] → # ∪ i} &
      /@ Subsets[Complement[Union @@ s, i]],
      {i, s}]
    // Flatten
    // Graph
    // FindPath[#,
      Sort[WeaklyConnectedComponents[#,
        {Union @@ s}][[1]][[1]],
        Union @@ s] &
    // First
    // {#, {{}} ∪ #[[ ;; -2]]T &);
```