

```

AlternatingKnots@0 := {MDT[]} ;

AlternatingKnots@n_Integer :=

AlternatingKnots@n =
  (First /@ KnotSort /@
    (Join @@ Table[Sort[k  $\mapsto$  #] & /@
      KnotSort[Flype@{k}T[[2]] ,
      {k, CandidateKnots@n}]
    // Graph
    // ConnectedComponents)
  // KnotSort) ;

```