

```
ValidKnots@0 := {MD[]};
```

```
ValidKnots@n_Integer := ValidKnots@n =
```

```
  (Select[Join@@Table[
```

```
    MD@@(cList@@#) & /@CandidateKnots@n,
```

```
    {c, Tuples[{1, -1}, n][[;; 2n-1]]},
```

```
    ¬ PassReducible@# ∧ Minimal@# == # &]
```

```
  // KnotSort);
```