```
Flype@{} := {};
Flype@l List:=
  Flype@1 = Block[{a, c, e, n = Length@1[[1]],}
      p = List@@ Build[Abs /@ 1[1]] //
         (\sharp^{\mathsf{T}} \bigcup \mathsf{Reverse} @ \sharp^{\mathsf{T}})^{\mathsf{T}} [\![2]\!] \&, y = \{\}\},
     Do[c = Mod[2i - 1 + s[1]] Range@o, 2n, 1];
      For[e = Max@Mod[Complement[p[c]], c] -
             s[2] 21[1, i], 2n, 1],
       e < Mod[s[2]](2i-1-21[1,i]), 2n, 1],
       e++,
       c = c \bigcup Mod[21[1, i] + s[2] Range@e, 2n, 1];
       If[Sort@p[c] == c,
         (*A flype can be made
          with the given settings.*)
         y = Join[y, \{1, Convert/@(Mod[
                       (a = Abs@#) +
                        Which [Mod[s[1]](a-2i+1),
                            2n, 1 \le 0, -s[1],
                         Mod[s[2]](a-21[1,i]),
                            2n, 1 \le e, -s[2],
                         a == 2 i - 1, s[1]] o,
                         a = 2 Abs@1[1, i], s[2]e,
                         True, 0],
                      2 n, 1 | Sign@# &
                  // Map[#, Build /@1, {3}] &)^{T}]],
      {i, n},
      \{s, \{\{1, 1\}, \{1, -1\}, \{-1, 1\}\}\},\
      {o, 2,
       Mod[s[1]](21[1,i]-2i+1),2n,1]-1];
     KnotSort/@If[Dimensions@y == {2},
       y, (y∪{})];
```