PassReducible@*k* gives True if the knot *k*, which is given in modified DT form, is reducible with a 2,1–pass move or a 3,2–pass move, and False otherwise.

```
PassReducible@k_MDT := PassReducible@k =
  Block[{l, n = Length@k, p = List @@ Build@k
      // (#ᵀ ⋃ (Abs@Reverse@#
              Sign /@ List @@ Build[MDT @@ (-List @@ k)])ᵀ)ᵀ[[
        2]] &, v = True},
   Do[If[(Sign@p[[Mod[i + j (Range@o - 1), 2 n, 1]]] ⋃
         {})² == {1},
     If[o == 3, Goto@l];
     Do[If[Total@Mod[e, 2] == 2, If[(Mod[e, 2 n, e[[1]]]
           // Partition[#, 2] &
          // Range @@@ # &)[[;; , 2 ;; -2]]
         // Mod[#, 2 n, 1] &
        // Union @@ # &
       // # == Abs@p[[#]] ⋃ {} &, Goto@l]],
     {e, Select[Table[SortBy[
           {c, i} ⋃ Abs@p[[Mod[{i, i + j}, 2 n, 1]]],
           Mod[#, 2 n, i] &], {c, 2 n}],
         Length@# == 4 &]ᵀ[[
       If[j == 1, {2, 3, 4, 1}, ;;]]ᵀ}]],
    {o, {3, 2}}, {i, 2 n}, {j, {1, -1}}];
   v = False;
   Label@l;
   v];
```