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— MODULE OT
OTII(lins, rins) \stackrel{\triangle}{=} lins is transformed against rins; II is for Ins vs. Ins.
      IF lins.pos < rins.pos then lins
       ELSE IF lins.pos > rins.pos
                THEN [lins EXCEPT !.pos = @ + 1]
                ELSE IF lins.ch = rins.ch then Nop
                        ELSE IF lins.pr > rins.pr THEN lins using "priority"
                                 ELSE [lins EXCEPT !.pos = @ + 1]
OTID(ins, del) \stackrel{\triangle}{=} ins \text{ is transformed against } del
       IF ins.pos < del.pos then ins
                                ELSE [ins EXCEPT !.pos = @ -1]
OTDI(del, ins) \stackrel{\triangle}{=} del is transformed against ins
       If del.pos < ins.pos then del
                                ELSE [del \ EXCEPT \ !.pos = @ + 1]
OTDD(ldel, rdel) \stackrel{\triangle}{=} ldel is transformed against rdel; DD is for Del vs. Del.
        IF ldel.pos < rdel.pos then ldel
         ELSE IF ldel.pos = rdel.pos Then Nop
                 ELSE [ldel EXCEPT !.pos = @ -1]
OT(lop, rop) \stackrel{\Delta}{=} lop \text{ is transformed against } rop
      CASE lop = Nop \lor rop = Nop \rightarrow lop
         \Box lop.type = "Ins" \land rop.type = "Ins" \rightarrow OTII(lop, rop)
         \square lop.type = "Ins" \land rop.type = "Del" \rightarrow OTID(lop, rop)
         \square lop.type = "Del" \land rop.type = "Ins" \rightarrow OTDI(lop, rop)
         \square lop.type = "Del" \land rop.type = "Del" \rightarrow OTDD(lop, rop)
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