ecl-trans[11,40]

ecl-trans(x)
$\equiv_{\text{def}}$ ecl_ind$(x;$

    $k,test$.ecl-base-tuple$(k;\ test)$;

    a,b,A,B.combine-ecl-tuples$(A;$

            B;

            $(\lambda a,b,n.\ \text{bor}(\text{band}(0 <\text{z}\ n;\ (a(n)));$

                  $\text{band}((b(n));\ (a(0)))))$;

            $(\lambda a,b.\ \text{bor}(a;\ b)))$;

    a,b,A,B.combine-ecl-tuples2$(A;$

           B;

           $(\lambda x,a,b,n.\ \text{band}(\text{isl}(x);$

                 $\text{bor}(\text{band}(0 <\text{z}\ n;$

                    if outl(x)

                    then $a(n)$

                    else $b(n)$

                    fi);

                  $\text{band}((n =_0 0);$

                    $\text{band}((a(0));\ (b(0)))))$

                ));

           $(\lambda ha,hb,eha,ehb,a,b.\ \text{bor}(\text{band}(a;\ (\neg_b ehb));$

                     $\text{band}(b;\ (\neg_b eha)))))$;

    a,b,A,B.combine-ecl-tuples2$(A;$

           B;

           $(\lambda x,a,b,n.\ \text{band}(\text{isl}(x);$

                 if outl(x)

                 then $a(n)$

                 else $b(n)$

                 fi));

           $(\lambda ha,hb,eha,ehb,a,b.\ \text{bor}(\text{band}(a;$

                    $\text{band}((\neg_b hb);$

                      $(\neg_b ehb)))$;

                  $\text{band}(b;$

                    $\text{band}((\neg_b ha);$

                      $(\neg_b eha))))))$;

    a,A.reset-ecl-tuple(A);

    a,m,A.add-ecl-act$(A;\ m)$;

    a,m,A.ecl-add-throw$(A;\ m)$;

    a,l,A.ecl-add-catch$(A;\ l))$