general[0,22]

ABS: projn(*n*;*x*) **projn**

STM: not-false

STM: not-true

STM: simplify-equal-imp

STM: equal-top

STM: subtype-top

STM: decidable_implies_better

STM: list-subtype

STM: null-ite

STM: typed-null-ite

STM: decidable_equal_union

STM: decidable_equal_unit

STM: length-append

STM: filter-commutes

STM: null-map

STM: null_wf3

STM: member-zip

STM: decidable_equal_product

STM: decidable_equal_nat_plus

STM: decidable_equal_nat

STM: filter_wf2

STM: no_repeats_filter2

STM: filter_tt

STM: general-append-cancellation

STM: append-cancellation

STM: append-impossible

STM: append-impossible2

STM: append-cancellation-right

STM: append_iseg

STM: iseg_append_iff

STM: iseg_append_single

STM: iseg_append_length

STM: iseg-subtype

STM: list_accum_append

STM: last_induction

STM: last-cons

STM: last_append

STM: list_accum_functionality

STM: list_accum_filter

STM: compat-iff-common-iseg

ABS: l_contains(T;A;B) **l_contains**

STM: l_contains_wf

STM: l_contains_weakening

STM: l_contains_append

STM: l_contains_append2

STM: l_contains_append3

STM: l_contains-append4

STM: l_contains_disjoint

STM: l_disjoint_append

STM: l_disjoint_append2

STM: l_disjoint-symmetry

STM: l_disjoint_singleton

ABS: $\forall x {\in} L.P(x)$ **l-all**

STM: l-all_wf

STM: l-all-iff

ABS: $f[x{:=}v]$ **update**

STM: update_wf

ABS: $l[i{:=}x]$ **list_update**

STM: list_update_wf

STM: list_update_select

STM: list_update_length

STM: iseg_antisymmetry

STM: compat-cons

STM: compat-append

STM: compat-append2

STM: compat_symmetry

STM: compat-iseg

STM: compat-iseg2

ABS: $\mathrm{sorted}(L)$ **sorted**

STM: sorted_wf

STM: sorted-cons

STM: sorted-filter

ABS: s-insert$(x;l)$ **s-insert**

STM: s-insert_wf

STM: member-s-insert

STM: s-insert-sorted

STM: s-insert-no-repeats

ABS: s-filter$(p;as)$ **s-filter**

STM: s-filter_wf

ABS: merge(as;bs) **merge**

STM: merge_wf

STM: member-merge

STM: sorted-merge

STM: no_repeats-merge

STM: strict-sorted

ABS: priority-select(f;g;as) **priority-select**

STM: priority-select_wf

STM: priority-select-property

STM: priority-select-inr

STM: not-isl-priority-select

STM: priority-select-tt

STM: priority-select-ff

STM: fun_exp_add_sq

STM: all-but-one

STM: no_repeats_member

ABS: imax-list(L) **imax-list**

STM: imax-list_wf

STM: imax-list-ub

STM: imax-list-lb

STM: maximal-in-list

STM: member-le-max

STM: l_member_subtype

STM: l_member_subtype2

STM: l_all-nil

STM: l_all_iff

STM: l_all_subtype

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ABS: l_interval(l;j;i) **l_interval**

STM: l_interval_wf

STM: length_l_interval

STM: select_l_interval

STM: hd_l_interval

STM: last_l_interval

ABS: ($\forall x,y \in L.P(x;y)$) **pairwise**

STM: pairwise_wf

STM: pairwise-nil

STM: pairwise-singleton

STM: pairwise-cons

ABS: inv-rel(A;B;f;*finv*) **inv-rel**

STM: inv-rel_wf

STM: inv-rel-inject

STM: hd-filter

STM: find-hd-filter

STM: list-set-type

STM: list-set-type-property

STM: list-set-type-member

STM: list-set-type2

STM: list-equal-set

STM: l_member_set

STM: l_member_set2

STM: l_member-set

STM: member-mapfilter

STM: map-wf2

STM: wellfounded-anti-reflexive

STM: no-member-sq-nil

STM: l_before_append_iff

STM: append_assoc_sq

STM: append-nil

STM: nil-iff-no-member

STM: tl_sublist

ABS: dectt(d) **dectt**

STM: dectt_wf

STM: assert-dectt

STM: inr_equal

STM: inl_equal

STM: inl_eq_inr

STM: inr_eq_inl

ABS: finite-type(T) **finite-type**

STM: finite-type_wf

STM: finite-type-iff-list

STM: finite-type-bool

STM: finite-set-type

STM: finite-decidable-set

STM: finite-subtype

STM: map-map

STM: map_is_nil

STM: map-id

STM: length-map

STM: length-map-sq

STM: select-map

STM: pairwise-map

STM: general_length_nth_tl

STM: nth_tl_nil

ABS: mu(f) **mu**

STM: mu_wf

STM: mu-property

STM: mu-bound

STM: mu-bound-property

STM: mu-bound-property+

STM: mu-bound-unique

ABS: upto(n) **upto**

STM: upto_wf

STM: length_upto

STM: upto_is_nil

STM: upto_decomp

STM: upto_iseg

STM: select_upto

STM: member_upto

STM: member_upto2

STM: before-upto

STM: list-eq-set-type

STM: before-map

STM: filter_append_sq

STM: filter_map_upto

STM: filter_map_upto2

STM: member-firstn

STM: first0

STM: firstn_decomp2

STM: append_firstn_lastn_sq

STM: last-lemma-sq

STM: last-map

STM: firstn_firstn

STM: firstn_last

STM: firstn_append

STM: firstn_length

STM: firstn_all

STM: firstn_map

STM: firstn_upto

STM: map_is_append

STM: map_is_cons

STM: decidable-last-rel

STM: decidable-exists-iseg

STM: first-iseg

STM: iseg-transition-lemma

ABS: concat(ll) **concat**

STM: concat_wf

STM: concat_append

STM: concat-cons

STM: concat-nil

STM: map-concat

STM: filter-concat

STM: select_concat

STM: member-concat

STM: l_member_decomp

STM: concat-decomp

STM: last-concat

STM: concat_iseg

STM: concat_map_upto

STM: concat-is-nil

STM: finite-type-product

STM: finite-type-union

STM: finite-type-unit

ABS: star-append(T;P;Q) **star-append**

STM: star-append_wf

STM: star-append-iff

STM: finite-set-type-cases

ABS: mapl(f;l) **mapl**

STM: mapl_wf

STM: member-mapl

STM: pairwise-mapl

ABS: CV(F) **CV**

STM: CV_wf

STM: CV_property

ABS: $b = \mathrm{accum}(z,x.f(z;x),a,\{x\in X|P(x)\})$ **accum_filter_rel**

STM: accum_filter_rel_wf

STM: accum_filter_rel_nil

STM: concat-map-decide

STM: map-decide

STM: concat-map-map-decide

STM: void-list-equality

STM: void-list-equality2

STM: void-list-equality3

STM: equal-nil-lists

ABS: SWellFounded($R(x;y)$) **strongwellfounded**

STM: strongwellfounded_wf

STM: strongwf-implies

ABS: $R\hat{\ }+$ **rel_plus**

STM: rel_plus_wf

STM: rel_plus_trans

STM: rel_plus_strongwellfounded

STM: rel_plus_implies

STM: rel_exp_iff

STM: rel_star_iff

STM: rel-star-iff-rel-plus-or

STM: rel-rel-plus

STM: rel-star-rel-plus

STM: rel-plus-rel-star

STM: rel_plus_iff

STM: rel_plus_monotone

STM: map-upto-length

STM: filter-equals

STM: implies-filter-equal

ABS: l-ordered($T;x,y.R(x;y);L$) **l-ordered**

STM: l-ordered_wf

STM: no_repeats-before-equality

STM: l-ordered-no_repeats

STM: l-ordered-equality

ABS: Generic$\{f{:}\mathbb{N} \rightarrow T|S(f)\}$ **generic**

STM: generic_wf

STM: generic-non-empty

STM: pair-coding-exists

STM: finite-sequence-coding-exists

STM: generic-countable-intersection

ABS: $|a/b - p/q| < 1/m$ **ratio-dist**

STM: ratio-dist_wf

ABS: $\mathbb{B}\mathrm{size}(k;f)$ **bool-size**

STM: bool-size_wf

ABS: $\#\{i<j|f\ i\ eq\ x\}$ **seq-count**

STM: seq-count_wf

ABS: $\mathrm{frequency}(f;x) \sim (p/q)$ **frequency**

STM: frequency_wf

ABS: derived-seq(f;s) **derived-seq**

STM: derived-seq_wf

ABS: eq_seq(eq) **eq_seq**

STM: eq_seq_wf

ABS: $\exp(i;n)$ **exp**

STM: exp_wf

ABS: random-seq(T;sz;eq;f) **random-seq**

STM: random-seq_wf