

int_1^{13,42}

COM: int_1.begin

COM: int_1.summary

COM: int_1.intro

COM: INT_DEFS_acom

STM: le_wf

COM: ge_gt_wf_com

STM: gt_wf

STM: comb_for_gt_wf

STM: ge_wf

STM: comb_for_ge_wf

STM: comb_for_le_wf

ABS: $i \leq j < k$ **lelt**

ABS: $i \leq j \leq k$ **lele**

ABS: \mathbb{N} **nat**

STM: nat_wf

STM: nat_properties

ABS: \mathbb{N}^+ **nat_plus**

STM: nat_plus_wf

STM: nat_plus_properties

ABS: $\mathbb{Z}^{-\circ}$ **int_nzero**

STM: int_nzero_wf

STM: int_nzero_properties

ABS: $\{i \dots\}$ **int_upper**

STM: int_upper_wf

STM: comb_for_int_upper_wf

STM: int_upper_properties
ABS: $\{\dots i\}$ **int_lower**
STM: int_lower_wf
STM: int_lower_properties
ABS: $\{i..j^-\}$ **int_seg**
STM: int_seg_wf
STM: comb_for_int_seg_wf
STM: int_seg_properties
STM: decidable_equal_int_seg
ABS: $\{i..j\}$ **int_iseg**
STM: int_iseg_wf
STM: int_iseg_properties
STM: int_lt_to_int_upper
STM: int_le_to_int_upper
COM: INT_INCLUSIONS_tcom
STM: nat_plus_inc_nat
STM: nat_plus_inc
STM: nat_plus_inc_int_nzero
COM: INDUCTION_tcom
STM: nat_ind_a
STM: nat_ind_tp
STM: nat_ind
STM: comp_nat_ind_tp
STM: comp_nat_ind_a
STM: nat_well_founded
COM: OLD_INDUCTION
STM: complete_nat_ind

ABS: $\text{suptype}(S; T)$ **suptype**

STM: `complete_nat_ind_with_y`

COM: `int_1_end`