int_2[12,41]

COM: int_2_begin

COM: int_2_summary

COM: int_2_intro

STM: int_trichot

STM: le_transitivity

STM: lt_transitivity_1

STM: lt_transitivity_2

STM: eq_to_le

STM: lt_to_le

STM: le_to_lt_weaken

STM: lt_to_le_rw

STM: le_to_lt

STM: le_to_lt_rw

STM: add_ident

STM: add_com

STM: add_functionality_wrt_le

STM: add_functionality_wrt_lt

STM: add_functionality_wrt_eq

STM: add_cancel_in_eq

STM: add_cancel_in_lt

STM: add_cancel_in_le

STM: add_mono_wrt_eq

STM: add_mono_wrt_eq_rw

STM: add_mono_wrt_lt

STM: add_mono_wrt_lt_rw

STM: add_mono_wrt_le

STM: add_mono_wrt_le_rw

STM: minus_functionality_wrt_le

STM: minus_mono_wrt_le

STM: minus_functionality_wrt_eq

STM: minus_mono_wrt_eq

STM: minus_functionality_wrt_lt

STM: minus_mono_wrt_lt

STM: sub_functionality_wrt_le

STM: minus_minus_cancel

STM: mul_ident

STM: mul_com

STM: zero_ann

STM: zero_ann_a

STM: zero_ann_b

STM: minus_thru_mul

STM: mul_preserves_eq

STM: mul_preserves_lt

STM: mul_preserves_le

STM: mul_cancel_in_eq

STM: mul_cancel_in_lt

STM: mul_cancel_in_le

COM: mul_fun_comment

STM: multiply_functionality_wrt_le

STM: mul_functionality_wrt_eq

STM: int_entire

STM: int_entire_a

STM: mul_bounds_1a

STM: mul_bounds_1b

STM: pos_mul_arg_bounds

STM: neg_mul_arg_bounds

COM: add_nat_wf_com

STM: add_nat_wf

STM: multiply_nat_wf

COM: quasi_lin_com

ABS: $|i|$ **absval**

STM: absval_wf

STM: comb_for_absval_wf

STM: absval_pos

STM: absval_neg

ABS: $i = \pm\ j$ **pm_equal**

STM: pm_equal_wf

STM: absval_zero

STM: absval_ubound

STM: absval_lbound

STM: absval_eq

STM: absval_sym

STM: absval_elim

ABS: imax(a;b) **imax**

STM: imax_wf

STM: comb_for_imax_wf

ABS: imin(a;b) **imin**

STM: imin_wf

STM: comb_for_imin_wf

STM: minus_imax

STM: minus_imin

STM: imax_lb

STM: imax_ub

STM: imax_add_r

STM: imax_assoc

STM: imax_com

STM: imin_assoc

STM: imin_com

STM: imin_add_r

STM: imin_lb

STM: imin_ub

ABS: a -- b **ndiff**

STM: ndiff_wf

STM: comb_for_ndiff_wf

STM: ndiff_id_r

STM: ndiff_ann_l

STM: ndiff_inv

STM: ndiff_ndiff

STM: ndiff_ndiff_eq_imin

STM: ndiff_add_eq_imax

STM: ndiff_zero

COM: div_rem_com

STM: div_rem_sum

STM: rem_to_div

COM: quadrants_com

STM: rem_bounds_1

STM: rem_bounds_2

STM: rem_bounds_3

STM: rem_bounds_4

STM: div_2_to_1

STM: div_3_to_1

STM: div_4_to_1

STM: rem_2_to_1

STM: rem_3_to_1

STM: rem_4_to_1

STM: rem_sym

STM: rem_antisym

STM: remainder_wf

STM: comb_for_remainder_wf

STM: rem_bounds_z

STM: rem_sym_1

STM: rem_sym_1a

STM: rem_sym_2

STM: rem_mag_bound

STM: div_bounds_1

STM: divide_wf

STM: divide_wfa

ABS: Div(a;n;q) **div_nrel**

STM: div_nrel_wf

STM: div_fun_sat_div_nrel

STM: div_elim

STM: div_unique

STM: div_lbound_1

ABS: Rem(a;n;r) **rem_nrel**

STM: rem_nrel_wf

STM: rem_fun_sat_rem_nrel

STM: div_base_case

STM: div_rec_case

STM: rem_base_case

STM: rem_gen_base_case

STM: rem_rec_case

STM: rem_invariant

STM: rem_addition

STM: rem_rem_to_rem

STM: rem_base_case_z

STM: rem_eq_args

STM: rem_eq_args_z

ABS: a mod n **modulus**

STM: modulus_wf

ABS: $a \div \downarrow n$ **div_floor**

STM: div_floor_wf

STM: mod_bounds

STM: div_floor_mod_sum

STM: int_mag_well_founded

STM: int_upper_well_founded

STM: int_upper_ind

STM: int_lower_well_founded

STM: int_lower_ind

STM: int_seg_well_founded_up

STM: int_seg_ind

STM: int_seg_well_founded_down

STM: decidable__ex_int_seg

STM: decidable__all_int_seg

COM: int_2_end

---

http://www.nuprl.org/FDLcontent/p0_942988_/p15_5268_{int_2}.html