



Up Help

- 0 0 sup
- 1 0 ToNegatedAnd(1)
- 2 0 UniqueNegative
- 3 0 DoubleMinus
- 4 0 MinusNegated
- 5 0 eqReflexivity
- 6 0 eqSymmetry
- 7 0 eqTransitivity
- 8 0 eqTransitivity4
- 9 0 eqTransitivity5
- 10 0 eqTransitivity6
- 11 0 AddEquations
- 12 0 SubtractEquations
- 13 0 SubtractEquationsLeft
- 14 0 MultiplyEquations
- 15 0 EqNegated
- 16 0 PositiveToRight(Eq)
- 17 0 PositiveToLeft(Eq)(1term)
- 18 0 NegativeToLeft(Eq)
- 19 0 NonreciprocalToRight(Eq)(1term)
- 20 0 PlusAssociativity(4terms)
- 21 0 LessNeq
- 22 0 NeqSymmetry
- 23 0 NeqNegated
- 24 0 SubNeqRight
- 25 0 SubNeqLeft
- 26 0 NegativeToRight(Neq)(1term)
- 27 0 NeqAddition
- 28 0 NeqMultiplication

29 0 NonzeroProduct(2)
30 0 UStelescope(+1)
31 0 TelescopeBound(Base)
32 0 TelescopeBound(Indu)
33 0 TelescopeBound
34 0 IntervalSize(Base)
35 0 IntervalSize(Indu)
36 0 IntervalSize
37 0 $XS < US$
38 0 lemma USdecreasing(+1)
39 0 CloseUS
40 0 CloseUS($n + 1$)
41 0 AllNegated(ImPLY)
42 0 ExistNegated(ImPLY)
43 0 IntroExist(Helper)
44 0 IntroExist
45 0 ExistMP
46 0 ExistMP2
47 0 TwiceExistMP
48 0 TwiceExistMP2
49 0 EAE – MP
50 0 AddAll
51 0 AddExist(Helper1)
52 0 AddExist(Helper2)
53 0 AddExist
54 0 AddExist(SimpleAnt)
55 0 AddExist(Simple)
56 0 AddEAE
57 0 AEA – negated
58 0 EEA – negated
59 0 Induction
60 0 leqAntisymmetry
61 0 leqTransitivity
62 0 leqAddition

63 0 leqMultiplication
64 0 Reciprocal
65 0 Equality
66 0 eqLeq
67 0 eqAddition
68 0 eqMultiplication
69 0 LeqMultiplicationLeft
70 0 LeqLessEq
71 0 LessLeq
72 0 FromLeqGeq
73 0 subLeqRight
74 0 subLeqLeft
75 0 Leq + 1
76 0 PositiveToRight(Leq)
77 0 PositiveToRight(Leq)(1term)
78 0 lemma negativeToRight(Leq)
79 0 PositiveToLeft(Leq)
80 0 negativeToLeft(Leq)
81 0 negativeToLeft(Leq)(1term)
82 0 LeqAdditionLeft
83 0 leqSubtraction
84 0 leqSubtractionLeft
85 0 thirdGeq
86 0 LeqNegated
87 0 AddEquations(Leq)
88 0 MultiplyEquations(Leq)
89 0 ThirdGeqSeries
90 0 LeqNeqLess
91 0 FromLess
92 0 ToLess
93 0 fromNotLess
94 0 toNotLess
95 0 NegativeLessPositive
96 0 leqLessTransitivity

97 0 LessLeqTransitivity
98 0 LessTransitivity
99 0 LessTotality
100 0 SubLessRight
101 0 SubLessLeft
102 0 SwitchTerms($x < y - z$)
103 0 SwitchTerms($x - y < z$)
104 0 LessAddition
105 0 LessAdditionLeft
106 0 LessMultiplication
107 0 LessMultiplicationLeft
108 0 LessDivision
109 0 PositiveToRight(Less)
110 0 PositiveToLeft(Less)
111 0 NegativeToLeft(Less)
112 0 NegativeToRight(Less)
113 0 AddEquations(Less)
114 0 AddEquations(LeqLess)
115 0 reciprocalToLeft(Less)
116 0 LessNegated
117 0 PositiveNonzero
118 0 PositiveNegated
119 0 NonpositiveNegated
120 0 NegativeNegated
121 0 NonnegativeNegated
122 0 PositiveHalved
123 0 PositiveInverted
124 0 NonnegativeNumerical
125 0 NegativeNumerical
126 0 PositiveNumerical
127 0 lemma nonpositiveNumerical
128 0 $|0| = 0$
129 0 $0 \leq |x|$
130 0 $x \leq |x|$

131 0 FromPositiveNumerical
132 0 SameNumerical
133 0 SignNumerical(+)
134 0 SignNumerical
135 0 ToNumericalLess
136 0 FromNumericalGreater
137 0 NumericalDifference
138 0 NumericalDifferenceLess(Helper)
139 0 NumericalDifferenceLess
140 0 SplitNumericalSumHelper
141 0 splitNumericalSum(++)
142 0 splitNumericalSum(--)
143 0 splitNumericalSum(+ - small)
144 0 splitNumericalSum(+ - big)
145 0 splitNumericalSum(+ -)
146 0 splitNumericalSum(- +)
147 0 splitNumericalSum
148 0 SplitNumericalProduct(++)
149 0 SplitNumericalProduct(+ -)
150 0 SplitNumericalProduct
151 0 insertMiddleTerm(Numerical)
152 0 insertTwoMiddleTerms(Numerical)
153 0 Three2twoTerms
154 0 Three2threeTerms
155 0 Three2twoFactors
156 0 Three2threeFactors
157 0 Times(-1)
158 0 Times(-1)Left
159 0 MaxLeq(1)
160 0 MaxLeq(2)
161 0 LessThanMax
162 0 $x + y = z$ Backwards
163 0 $x * y = z$ Backwards
164 0 $x = x + (y - y)$

165 0 $x = x + y - y$
166 0 $x = x * y * (1/y)$
167 0 insertMiddleTerm(Sum)
168 0 insertTwoMiddleTerms(Sum)
169 0 insertMiddleTerm(Difference)
170 0 $x * 0 + x = x$
171 0 $x * 0 = 0$
172 0 NonnegativeFactors
173 0 NonzeroFactors
174 0 PositiveFactors
175 0 PlusTimesMinus
176 0 MinusTimesMinus
177 0 $(-1) * (-1) + (-1) * 1 = 0$
178 0 $(-1) * (-1) = 1$
179 0 $0 < 1$ Helper
180 0 $0 < 1$
181 0 $0 < 2$
182 0 $0 < 3$
183 0 $0 < 1/2$
184 0 $0 < 1/3$
185 0 TwoWholes
186 0 ThreeWholes
187 0 TwoHalves
188 0 ThreeThirds
189 0 $-x - y = -(x + y)$
190 0 $-x * y = -(x * y)$
191 0 $-0 = 0$
192 0 SFsymmetry
193 0 SFtransitivity
194 0 f2R(Plus)
195 0 f2R(Times)
196 0 $<<$ TransitivityHelper(Q)
197 0 $<<$ Transitivity
198 0 $<<==$ Reflexivity

199 0 <<== AntisymmetryHelper(Q)
 200 0 FromNot < f(Weak)(Helper)
 201 0 FromNot < f(Weak)
 202 0 FromNot < f(Strong)(Helper2)
 203 0 FromNot < f(Strong)(Helper)
 204 0 FromNot < f(Strong)
 205 0 fromNotSameF(Strongest)(Helper2)
 206 0 fromNotSameF(Strongest)(Helper)
 207 0 fromNotSameF(Strongest)
 208 0 ToLess(F)(Helper)
 209 0 ToLess(F)
 210 0 FromNot <<
 211 0 ToLess(R)
 212 0 FromNotSameF(Weak)(Helper)
 213 0 FromNotSameF(Weak)
 214 0 FromNotLess(F)
 215 0 == Addition
 216 0 == AdditionLeft
 217 0 Fpart – Bounded(Base)
 218 0 Fpart – Bounded(InduHelper)
 219 0 Fpart – Bounded(Indu)
 220 0 Fpart – Bounded
 221 0 F – Bounded(Helper)
 222 0 F – Bounded
 223 0 SameFmultiplication(Helper)
 224 0 SameFmultiplication
 225 0 EqMultiplication(R)
 226 0 EqMultiplicationLeft(R)
 227 0 $x * 0 = 0(F)$
 228 0 $x * 0 = 0(R)$
 229 0 LessMultiplication(F)(Helper2)
 230 0 LessMultiplication(F)(Helper)
 231 0 LessMultiplication(F)
 232 0 LessMultiplication(R)

233 0 LeqMultiplication(R)
234 0 PlusAssociativity(F)
235 0 Plus0(F)
236 0 PlusCommutativity(F)
237 0 TimesAssociativity(F)
238 0 Times1f
239 0 Cauchy(2)(Helper)
240 0 Cauchy(2)
241 0 ReciprocalFnonzero
242 0 (Eventually = f)2sameF(Helper)
243 0 (Eventually = f)2sameF
244 0 FromNotSameF(Strong)(Helper2)
245 0 FromNotSameF(Strong)(Helper)
246 0 FromNotSameF(Strong)
247 0 SameFreciprocal(Helper)
248 0 SameFreciprocal
249 0 From!! ==
250 0 Reciprocal(R)
251 0 TimesCommutativity(F)
252 0 Distribution(F)
253 0 FromMax(1)
254 0 FromMax(2)
255 0 ToNegatedAnd
256 0 DistributionOut
257 0 DistributionOutLeft
258 0 DistributionLeft
259 0 FromNotLess(R)
260 0 CartProdIsRelation
261 0 FromSubset
262 0 SubsetIsRelation
263 0 ToSeries
264 0 FromSeries
265 0 SeriesSubsetCP
266 0 ValueType

267 0 RemoveOr
268 0 FromSingleton
269 0 InPair(1)
270 0 InPair(2)
271 0 SameMember(2)
272 0 ToBinaryUnion(1)
273 0 ToBinaryUnion(2)
274 0 FromOrderedPair(TwoLevels)
275 0 ToCartProd(Helper)
276 0 ToCartProd
277 0 NonreciprocalToRight(Eq)
278 0 NonreciprocalToLeft(Eq)(1term)
279 0 SameReciprocal
280 0 CPseparationIsRelation
281 0 OrderedPairEquality
282 0 ReciprocalIsFunction
283 0 ReciprocalIsTotal
284 0 ReciprocalIsRationalSeries
285 0 CrsIsRelation
286 0 CrsIsFunction
287 0 CrsIsTotal
288 0 CrsIsSeries
289 0 CrsLookup
290 0 of
291 0 1f
292 0 ToSingleton
293 0 FromSameSingleton
294 0 SingletonmembersEqual
295 0 UnequalsNotInSingleton
296 0 NonsingletonmembersUnequal
297 0 FromOrderedPair
298 0 FromOrderedPair(1)
299 0 FromOrderedPair(2)
300 0 FromCartProd

301 0 FromCartProd(1)
302 0 FromCartProd(2)
303 0 sameOrderedPair
304 0 InSeriesHelper
305 0 InSeries
306 0 To = f(Subset)(Helper)
307 0 To = f(Subset)
308 0 To = f
309 0 productIsFunction
310 0 productIsTotal
311 0 ProductIsRationalSeries
312 0 TimesF
313 0 $-x + (1/2)x = -(1/2)x$
314 0 PositiveTripled
315 0 PositiveDividedBy3
316 0 $|x - x| = 0$
317 0 $1 < 2$
318 0 $1/3 < 2/3$
319 0 $(1/3)x + (1/3)x = (2/3)x$
320 0 $(2/3)x + (1/3)x = x$
321 0 $-x + (2/3)x = -(1/3)x$
322 0 $-(1/3)x - (1/3)x = -(2/3)x$
323 0 $-x + (1/3)x = -(2/3)x$
324 0 PreserveLessGreater
325 0 ClosetolessIsLess
326 0 SubLessLeft(F)
327 0 SubLessLeft(R)
328 0 ClosetogreaterIsGreater
329 0 SubLessRight(F)
330 0 SubLessRight(R)
331 0 plus0Left
332 0 times1Left
333 0 EqAdditionLeft
334 0 EqMultiplicationLeft

335 0 PlusF(Sym)
336 0 TimesF(Sym)
337 0 SameSeries(Gen)
338 0 EqualsSameF
339 0 LeqReflexivity(R)
340 0 Tester1
341 0 Tester2
342 0 Tester3
343 0 Tester4
344 0 Tester5
345 0 Tester6

*The pyk compiler, version 0.grue.20060417+ by Klaus Grue
GRD-2006-12-29.UTC:09:42:35.018035 = MJD-54098.TAI:09:43:08.018035 =
LGT-4674102188018035e-6*