



Up Help

- 0 0 am
- 1 0 (\dots)
- 2 0 Objekt-var
- 3 0 Ex-var
- 4 0 Ph-var
- 5 0 Værdi
- 6 0 Variabel
- 7 1 Op($*$)
- 8 2 Op($*$, $*$)
- 9 2 $* \doteq *$
- 10 1 ContainsEmpty($*$)
- 11 2 Dedu($*$, $*$)
- 12 2 Dedu₀($*$, $*$)
- 13 3 Dedu_s($*$, $*$, $*$)
- 14 3 Dedu₁($*$, $*$, $*$)
- 15 3 Dedu₂($*$, $*$, $*$)
- 16 4 Dedu₃($*$, $*$, $*$, $*$)
- 17 4 Dedu₄($*$, $*$, $*$, $*$)
- 18 4 Dedu₄^{*}($*$, $*$, $*$, $*$)
- 19 3 Dedu₅($*$, $*$, $*$)
- 20 4 Dedu₆($*$, $*$, $*$, $*$)
- 21 4 Dedu₆^{*}($*$, $*$, $*$, $*$)
- 22 1 Dedu₇($*$)
- 23 2 Dedu₈($*$, $*$)
- 24 2 Dedu₈^{*}($*$, $*$)
- 25 0 Ex₁
- 26 0 Ex₂
- 27 0 Ex₃
- 28 0 Ex₁₀

29 0 Ex₂₀
 30 1 *Ex
 31 1 *^{Ex}
 32 4 $\langle * \equiv * \mid * := * \rangle_{\text{Ex}}$
 33 4 $\langle * \equiv^0 * \mid * := * \rangle_{\text{Ex}}$
 34 4 $\langle * \equiv^1 * \mid * := * \rangle_{\text{Ex}}$
 35 4 $\langle * \equiv^* * \mid * := * \rangle_{\text{Ex}}$
 36 0 ph₁
 37 0 ph₂
 38 0 ph₃
 39 1 *Ph
 40 1 *^{Ph}
 41 4 $\langle * \equiv * \mid * := * \rangle_{\text{Ph}}$
 42 4 $\langle * \equiv^0 * \mid * := * \rangle_{\text{Ph}}$
 43 4 $\langle * \equiv^1 * \mid * := * \rangle_{\text{Ph}}$
 44 4 $\langle * \equiv^* * \mid * := * \rangle_{\text{Ph}}$
 45 0 bs
 46 0 OBS
 47 0 \mathcal{BS}
 48 0 \emptyset
 49 0 ZFsub
 50 0 MP
 51 0 Gen
 52 0 Repetition
 53 0 Neg
 54 0 Ded
 55 0 ExistIntro
 56 0 Extensionality
 57 0 \emptyset def
 58 0 PairDef
 59 0 UnionDef
 60 0 PowerDef
 61 0 SeparationDef
 62 0 AddDoubleNeg

63 0 RemoveDoubleNeg
64 0 AndCommutativity
65 0 AutoImply
66 0 Contrapositive
67 0 FirstConjunct
68 0 SecondConjunct
69 0 FromContradiction
70 0 FromDisjuncts
71 0 IffCommutativity
72 0 IffFirst
73 0 IffSecond
74 0 ImplyTransitivity
75 0 JoinConjuncts
76 0 MP2
77 0 MP3
78 0 MP4
79 0 MP5
80 0 MT
81 0 NegativeMT
82 0 Technicality
83 0 Weakening
84 0 WeakenOr1
85 0 WeakenOr2
86 0 Formula2Pair
87 0 Pair2Formula
88 0 Formula2Union
89 0 Union2Formula
90 0 Formula2Sep
91 0 Sep2Formula
92 0 SubsetInPower
93 0 HelperPowerIsSub
94 0 PowerIsSub
95 0 (Switch)HelperPowerIsSub
96 0 (Switch)PowerIsSub

97 0 ToSetEquality
98 0 HelperToSetEquality(t)
99 0 ToSetEquality(t)
100 0 HelperFromSetEquality
101 0 FromSetEquality
102 0 HelperReflexivity
103 0 Reflexivity
104 0 HelperSymmetry
105 0 Symmetry
106 0 HelperTransitivity
107 0 Transitivity
108 0 ERisReflexive
109 0 ERisSymmetric
110 0 ERisTransitive
111 0 \emptyset isSubset
112 0 HelperMemberNot \emptyset
113 0 MemberNot \emptyset
114 0 HelperUnique \emptyset
115 0 Unique \emptyset
116 0 == Reflexivity
117 0 == Symmetry
118 0 Helper == Transitivity
119 0 == Transitivity
120 0 HelperTransferNotEq
121 0 TransferNotEq
122 0 HelperPairSubset
123 0 Helper(2)PairSubset
124 0 PairSubset
125 0 SamePair
126 0 SameSingleton
127 0 UnionSubset
128 0 SameUnion
129 0 SeparationSubset
130 0 SameSeparation

131 0 SameBinaryUnion
132 0 IntersectionSubset
133 0 SameIntersection
134 0 AutoMember
135 0 HelperEqSysNot \emptyset
136 0 EqSysNot \emptyset
137 0 HelperEqSubset
138 0 EqSubset
139 0 HelperEqNecessary
140 0 EqNecessary
141 0 HelperNoneEqNecessary
142 0 Helper(2)NoneEqNecessary
143 0 NoneEqNecessary
144 0 EqClassIsSubset
145 0 EqClassesAreDisjoint
146 0 AllDisjoint
147 0 AllDisjointImPLY
148 0 BSsubset
149 0 Union(BS/R)subset
150 0 UnionIdentity
151 0 EqSysIsPartition
152 0 (ϵ)
153 0 (fx)
154 0 (fy)
155 0 (fz)
156 0 (fv)
157 0 var fv
158 0 (rx)
159 0 (ry)
160 0 (rz)
161 0 (ru)
162 0 ϵ
163 0 FX
164 0 FY

165 0 FZ
166 0 FU
167 0 FV
168 0 RX
169 0 RY
170 0 RZ
171 0 RU
172 0 0
173 0 1
174 0 (-1)
175 0 2
176 0 1/2
177 0 of
178 0 1f
179 0 00
180 0 01
181 0 leqReflexivity
182 0 leqAntisymmetryAxiom
183 0 leqTransitivityAxiom
184 0 leqTotality
185 0 leqAdditionAxiom
186 0 leqMultiplicationAxiom
187 0 plusAssociativity
188 0 plusCommutativity
189 0 Negative
190 0 plus0
191 0 timesAssociativity
192 0 timesCommutativity
193 0 ReciprocalAxiom
194 0 times1
195 0 Distribution
196 0 0not1
197 0 equalityAxiom
198 0 eqLeqAxiom

199 0 eqAdditionAxiom
200 0 eqMultiplicationAxiom
201 0 SENC1
202 0 SENC2
203 0 IfThenElse(T)
204 0 IfThenElse(F)
205 0 From = f
206 0 To = f
207 0 From < f
208 0 To < f
209 0 PlusF
210 0 TimesF
211 0 MinusF
212 0 Of
213 0 If
214 0 FromSF
215 0 ToSF
216 0 To == XX
217 0 From ==
218 0 To ==
219 0 From << XX
220 0 From << (1)
221 0 From << (2)
222 0 to << XX
223 0 From <<
224 0 To <<
225 0 FromInR
226 0 PlusR
227 0 TimesR
228 0 leqAntisymmetry
229 0 leqTransitivity
230 0 leqAddition
231 0 leqMultiplication
232 0 Reciprocal

233 0 Equality
234 0 eqLeq
235 0 eqAddition
236 0 eqMultiplication
237 0 ToNegatedImPLY
238 0 TND
239 0 ImPLYNegation
240 0 FromNegations
241 0 From3Disjuncts
242 0 From2 * 2Disjuncts
243 0 NegateDisjunct1
244 0 NegateDisjunct2
245 0 ExpandDisjuncts
246 0 eqReflexivity
247 0 eqSymmetry
248 0 eqTransitivity
249 0 eqTransitivity4
250 0 eqTransitivity5
251 0 eqTransitivity6
252 0 plus0Left
253 0 times1Left
254 0 lemma eqAdditionLeft
255 0 EqMultiplicationLeft
256 0 DistributionOut
257 0 Three2twoTerms
258 0 Three2threeTerms
259 0 Three2threeFactors
260 0 AddEquations
261 0 SubtractEquations
262 0 SubtractEquationsLeft
263 0 EqNegated
264 0 PositiveToRight(Eq)
265 0 PositiveToLeft(Eq)(1term)
266 0 NegativeToLeft(Eq)

267 0 LessNeq
268 0 NeqSymmetry
269 0 NeqNegated
270 0 SubNeqRight
271 0 SubNeqLeft
272 0 NeqAddition
273 0 NeqMultiplication
274 0 UniqueNegative
275 0 DoubleMinus
276 0 LeqLessEq
277 0 LessLeq
278 0 FromLeqGeq
279 0 subLeqRight
280 0 subLeqLeft
281 0 Leq + 1
282 0 PositiveToRight(Leq)
283 0 PositiveToRight(Leq)(1term)
284 0 negativeToLeft(Leq)
285 0 LeqAdditionLeft
286 0 leqSubtraction
287 0 leqSubtractionLeft
288 0 thirdGeq
289 0 LeqNegated
290 0 AddEquations(Leq)
291 0 ThirdGeqSeries
292 0 LeqNeqLess
293 0 FromLess
294 0 ToLess
295 0 fromNotLess
296 0 toNotLess
297 0 NegativeLessPositive
298 0 leqLessTransitivity
299 0 LessLeqTransitivity
300 0 LessTransitivity

301 0 LessTotality
302 0 SubLessRight
303 0 SubLessLeft
304 0 LessAddition
305 0 LessAdditionLeft
306 0 LessMultiplication
307 0 LessMultiplicationLeft
308 0 LessDivision
309 0 AddEquations(Less)
310 0 LessNegated
311 0 PositiveNegated
312 0 NonpositiveNegated
313 0 NegativeNegated
314 0 NonnegativeNegated
315 0 PositiveHalved
316 0 NonnegativeNumerical
317 0 NegativeNumerical
318 0 PositiveNumerical
319 0 lemma nonpositiveNumerical
320 0 $|0| = 0$
321 0 $0 \leq |x|$
322 0 SameNumerical
323 0 SignNumerical(+)
324 0 SignNumerical
325 0 NumericalDifference
326 0 SplitNumericalSumHelper
327 0 splitNumericalSum(++)
328 0 splitNumericalSum(--)
329 0 splitNumericalSum(+ - small)
330 0 splitNumericalSum(+ - big)
331 0 splitNumericalSum(+ -)
332 0 splitNumericalSum(- +)
333 0 splitNumericalSum
334 0 insertMiddleTerm(Numerical)

335 0 $x + y = z$ Backwards
336 0 $x * y = z$ Backwards
337 0 $x = x + (y - y)$
338 0 $x = x + y - y$
339 0
340 0 insertMiddleTerm(Sum)
341 0 insertMiddleTerm(Difference)
342 0 $x * 0 + x = x$
343 0 $x * 0 = 0$
344 0 $(-1) * (-1) + (-1) * 1 = 0$
345 0 $(-1) * (-1) = 1$
346 0 $0 < 1$ Helper
347 0 $0 < 1$
348 0 $0 < 2$
349 0 $0 < 1/2$
350 0 TwoWholes
351 0 TwoHalves
352 0 $-x - y = -(x + y)$
353 0 MinusNegated
354 0 Times(-1)
355 0 Times(-1)Left
356 0 $-0 = 0$
357 0 SFsymmetry
358 0 SFtransitivity
359 0 = fToSameF
360 0 PlusF(Sym)
361 0 TimesF(Sym)
362 0 f2R(Plus)
363 0 f2R(Times)
364 0 PlusR(Sym)
365 0 TimesR(Sym)
366 0 LessLeq(R)
367 0 eqLeq(R)
368 0 SubLessRight(R)

369 0 SubLessLeft(R)
370 0 << TransitivityHelper(Q)
371 0 << Transitivity
372 0 <<== Reflexivity
373 0 <<== AntisymmetryHelper(Q)
374 0 <<== Antisymmetry
375 0 <<== Transitivity
376 0 Plus0f
377 0 Plus00
378 0 == Addition
379 0 == AdditionLeft
380 0 << Addition
381 0 <<== Addition
382 0 PlusAssociativity(F)
383 0 PlusAssociativity(R)
384 0 Negative(R)
385 0 PlusCommutativity(F)
386 0 PlusCommutativity(R)
387 0 TimesAssociativity(F)
388 0 TimesAssociativity(R)
389 0 Times1f
390 0 Times01
391 0 TimesCommutativity(F)
392 0 TimesCommutativity(R)
393 0 Distribution(F)
394 0 Distribution(R)
395 1 R(*)
396 1 -- R(*)
397 1 rec*
398 2 */*
399 2 * ∩ *
400 2 *[*]
401 1 ∪*
402 2 * ∪ *

403 1 $P(*)$
 404 1 $\{*\}$
 405 2 $\{*, *\}$
 406 2 $\langle *, *\rangle$
 407 1 $-*$
 408 1 $-_f*$
 409 2 $* \in *$
 410 3 $*(*, *)$
 411 2 $\text{ReflRel}(*, *)$
 412 2 $\text{SymRel}(*, *)$
 413 2 $\text{TransRel}(*, *)$
 414 2 $\text{EqRel}(*, *)$
 415 3 $[* \in *]_*$
 416 2 $\text{Partition}(*, *)$
 417 2 $***$
 418 2 $**_f*$
 419 2 $****$
 420 2 $* + *$
 421 2 $* - *$
 422 2 $* +_f*$
 423 2 $* -_f*$
 424 2 $* + +*$
 425 2 $R(*) - -R(*)$
 426 1 $|*|$
 427 3 $\text{if}(*, *, *)$
 428 2 $* = *$
 429 2 $* \neq *$
 430 2 $* \leq *$
 431 2 $* < *$
 432 2 $* =_f*$
 433 2 $* <_f*$
 434 2 $\text{SF}(*, *)$
 435 2 $* == *$
 436 2 $* << *$

437 2 * <<== *

438 2 *==*

439 2 * \subseteq *

440 1 $\dot{\vdash}$ *

441 2 * \notin *

442 2 * \neq *

443 2 * $\dot{\wedge}$ *

444 2 * $\dot{\vee}$ *

445 2 * $\dot{\leftrightarrow}$ *

446 2 {ph \in * | *}

The pyk compiler, version 0.grue.20060417+ by Klaus Grue

GRD-2006-09-15.UTC:09:33:20.992497 = MJD-53993.TAI:09:33:53.992497 =

LGT-4665029633992497e-6