



Up Help

- 0 0 sup2
- 1 0 LeqTotality(R)
- 2 0 PositiveToLeft(Eq)
- 3 0 ExpZero(Exact)
- 4 0 SameExp(Base)
- 5 0 SameExp(Indu)
- 6 0 SameExp
- 7 0 $(1/2)(x + y) - x = (1/2)(y - x)$
- 8 0 $y - (1/2)(x + y) = (1/2)(y - x)$
- 9 0 BSzero(Exact)
- 10 0 SameBS(2)(Base)
- 11 0 SameBS(2)(Indu)
- 12 0 SameBS(2)
- 13 0 NegativeToLeft(Less)(1term)
- 14 0 BS(+1)
- 15 0 BSbound(Exact)(Base)
- 16 0 BSbound(Exact)(Indu)
- 17 0 BSbound(Exact)
- 18 0 BSbound
- 19 0 UStelescope(Zero)(Exact)
- 20 0 SameTelescope(2)(Base)
- 21 0 SameTelescope(2)(Indu)
- 22 0 SameTelescope(2)
- 23 0 Exp(+1)
- 24 0 PositiveBase(Base)
- 25 0 PositiveBase(Indu)
- 26 0 PositiveBase
- 27 0 TelescopeNumerical(Base)
- 28 0 TelescopeNumerical(Indu)

29 0 TelescopeNumerical
 30 0 (+1)IsPositive(N)
 31 0 DistributionOut(Minus)
 32 0 PositiveToRight(Eq)(1term)
 33 0 SameSeries(NumDiff)
 34 0 ToNegatedDoubleImply
 35 0 AddNegatedAll
 36 0 (A)to(E)(Imply)
 37 0 (E)to(A)(Imply)
 38 0 (E)to(A)(Imply)
 39 0 ToNegatedAEA
 40 0 Three2threeTerms(R)
 41 0 LessNeq(F)(Helper)
 42 0 LessNeq(F)
 43 0 LessNeq(R)
 44 0 $x = x + (y - y)$ (R)
 45 0 $x = x + y - y$ (R)
 46 0 SubtractEquations(R)
 47 0 NeqAddition(R)
 48 0 PositiveToRight(Less)(R)
 49 0 PositiveToRight(Less)(1term)(R)
 50 0 LeqNeqLess(R)
 51 0 SubLeqLeft(R)
 52 0 ToLeq(Advanced)(R)
 53 0 LeqLessTransitivity(R)
 54 0 NegativeToLeft(Eq)(R)
 55 0 NegativeToRight(Less)(R)
 56 0 !! == Symmetry
 57 0 SwitchTerms($x <= y - z$)
 58 0 Plus0Left(R)
 59 0 PositiveToRight(Eq)(R)
 60 0 EqAdditionLeft(R)
 61 0 Three2twoTerms(R)
 62 0 To!! ==

63 0 PositiveToRight(Less)(1term)
 64 0 (A)to(E)
 65 0 NegativeToRight(Eq)(R)
 66 0 NegativeToRight(Eq)(1term)(R)
 67 0 DoubleMinus(R)
 68 0 UniqueNegative(R)
 69 0 SubtractEquationsLeft(R)
 70 0 EqNegated(R)
 71 0 NeqNegated(R)
 72 0 $-0 = 0$ (R)
 73 0 NegativeNegated(R)
 74 0 FromLeqGeq(R)
 75 0 $0 \leq |x|$ (R)
 76 0 PositiveNegated(R)
 77 0 AddEquations(R)
 78 0 Times(-1)(R)
 79 0 Times(-1)Left(R)
 80 0 $-x - y = -(x + y)$ (R)
 81 0 LessTotality(R)
 82 0 SameNumerical(R)
 83 0 MinusNegated(R)
 84 0 PositiveNumerical(R)
 85 0 SignNumerical(+)(R)
 86 0 NonnegativeNumerical(R)
 87 0 NegativeNumerical(R)
 88 0 LeqNegated(R)
 89 0 LessNegated(R)
 90 0 SubLeqRight(R)
 91 0 FromLess(R)
 92 0 DistributionOut(R)
 93 0 $x * 0 + x = x$ (R)
 94 0 $x * 0 = 0$ (R)(fff)
 95 0 SignNumerical(R)
 96 0 NumericalDifference(R)

97 0 $x \leq |x|(\mathbb{R})$
 98 0 USlimitIsUpperBound(Helper)
 99 0 USlimitIsUpperBound
 100 0 $(-1) * (-1) + (-1) * 1 = 0(\mathbb{R})$
 101 0 $(-1) * (-1) = 1(\mathbb{R})$
 102 0 $0 < 1$ Helper(\mathbb{R})
 103 0 $0 < 1(\mathbb{R})$
 104 0 ExpZero(Exact)(\mathbb{R})
 105 0 PositiveBase(\mathbb{R})(Base)
 106 0 Three2twoFactors(\mathbb{R})
 107 0 $x = x * y * (1/y)(\mathbb{R})$
 108 0 NeqMultiplication(\mathbb{R})
 109 0 LessTransitivity(\mathbb{R})
 110 0 $0 < 2(\mathbb{R})$
 111 0 SameExp(\mathbb{R})(Base)
 112 0 SameExp(\mathbb{R})(Indu)
 113 0 SameExp(\mathbb{R})
 114 0 SubNeqLeft(\mathbb{R})
 115 0 SubNeqRight(\mathbb{R})
 116 0 NonzeroFactors(\mathbb{R})
 117 0 NonnegativeFactors(\mathbb{R})
 118 0 PositiveFactors(\mathbb{R})
 119 0 LessDivision(\mathbb{R})
 120 0 $0 < 1/2(\mathbb{R})$
 121 0 PositiveToRight(Eq)(1term)(\mathbb{R})
 122 0 Exp(+1)(\mathbb{R})
 123 0 PositiveBase(\mathbb{R})(Indu)
 124 0 PositiveBase(\mathbb{R})
 125 0 $-x * y = -(x * y)(\mathbb{R})$
 126 0 PositiveToLeft(Eq)(\mathbb{R})
 127 0 Times1Left(\mathbb{R})
 128 0 $x + x = 2 * x(\mathbb{R})$
 129 0 $(1/2)x + (1/2)x = x(\mathbb{R})$
 130 0 DistributionOut(Minus)(\mathbb{R})

131 0 $(1/2)(x + y) - x = (1/2)(y - x)(\mathbb{R})$
 132 0 IntervalSize(\mathbb{R})(Base)
 133 0 LessMultiplicationLeft(\mathbb{R})
 134 0 NegativeToLeft(Less)(\mathbb{R})
 135 0 NegativeToLeft(Less)(1term)(\mathbb{R})
 136 0 $y - (1/2)(x + y) = (1/2)(y - x)(\mathbb{R})$
 137 0 IntervalSize(\mathbb{R})(Indu)
 138 0 IntervalSize(\mathbb{R})
 139 0 XSlessUS(\mathbb{R})
 140 0 USdecreasing(+1)(\mathbb{R})
 141 0 ExpUnbounded(Base)
 142 0 ExpUnbounded(Indu)
 143 0 ExpUnbounded
 144 0 $1 \leq x + 1(\mathbb{N})$
 145 0 ExpNonzero(Base)
 146 0 ExpNonzero(Indu)
 147 0 ExpNonzero
 148 0 ExpNonzero(2)
 149 0 HalfBase(Base)
 150 0 HalfBase(Indu)
 151 0 MultiplyEquations(\mathbb{R})
 152 0 NonreciprocalToRight(Eq)(1term)(\mathbb{R})
 153 0 PositiveNonzero(\mathbb{R})
 154 0 NonzeroProduct(2)(\mathbb{R})
 155 0 HalfBase
 156 0 Three2threeFactors(\mathbb{R})
 157 0 $x * y = z$ Backwards(\mathbb{R})
 158 0 PositiveInverted(\mathbb{R})
 159 0 ReciprocalToRight(Less)(\mathbb{R})
 160 0 ReciprocalToRight(Less)(1term)(\mathbb{R})
 161 0 NonreciprocalToLeft(Less)(\mathbb{R})
 162 0 $1 < x * y(\mathbb{R})$
 163 0 SwitchFactors($1/x < y$)(\mathbb{R})
 164 0 SmallHalving

165 0 IntervalSize(anyPositive)
166 0 USdecreasing(+n)(Base)
167 0 USdecreasing(+n)(Indu)
168 0 USdecreasing(+n)
169 0 USdecreasing
170 0 LeqAdditionLeft(R)
171 0 ToNotLess(R)
172 0 LimitOfUSIsLeq
173 0 SubtractEquations(Less)(R)
174 0 SubtractEquationsLeft(Less)(R)
175 0 LessNegated(Negative)(R)
176 0 FromNegatedAnd(ImPLY)
177 0 RemoveDoubleNeg(Consequent)
178 0 FromNotUpperBound
179 0 LeqNUB
180 0 USlimitIsLeastUpperBound(Helper)
181 0 USlimitIsLeastUpperBound
182 0 ExistMP3
183 0 GreaterPositive(N)
184 0 ysFClose(Helper)
185 0 ysFClose
186 0 ysFCauchy(Helper)
187 0 ysFCauchy
188 0 from <<===
189 0 to <<===
190 0 NonnegativeNumerical(F)
191 0 NegativeNumerical(F)
192 0 tester1
193 0 tester2
194 0 tester3
195 0 tester4
196 0 tester5
197 0 tester6

The pyk compiler, version 0.grue.20060417+ by Klaus Grue
GRD-2006-12-29.UTC:10:12:14.905583 = MJD-54098.TAI:10:12:47.905583 =
LGT-4674103967905583e-6