Problem Set 10

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Quadrules Workshop

LC	Operation	Op1	Op2	Result
(1)	:=	#3		K
(2)	:=	#1		I
(3)	BGT	I	#6	(21)
(4)	*	K	#2	i1
(5)	+	i1	#1	i2
(6)	-	i2	#1	i3
(7)	-	I	#1	i4
(8)	*	i4	#9	i5
(9)	+	i5	i3	i6
(10)	*	i6	#4	i7
(11)	*	K	#2	i8
(12)	-	i8	#1	i9
(13)	-	I	#1	i10
(14)	*	i10	#9	i11
(15)	+	i11	i9	i12
(16)	*	i12	#4	i13
(17)	:=	X[i7]		Y[i13]
(18)	+	I	#1	i14
(19)	:=	i14		I
(20)	JMP			(3)
(21)				

Optimization Workshop

LC	Operation	Op1	Op2	Result
(1)	:=	#1		I
(2)	*	#3	L	i1
(3)	-	i1	#1	i2
(4)	BGT	I	#7	(16)
(5)	-	I	#1	i3
(6)	*	i3	#10	i4
(7)	-	i2	#1	i5
(8)	+	i4	i5	i6
(9)	*	i6	#4	i7
(10)	+	i2	i4	i8
(11)	*	i8	#4	i9
(12)	:=	Y[i9]		Y[i7]
(13)	+	#1	I	i10
(14)	:=	i10		I
(15)	JMP			(4)
(16)				