$ln(1) = Graph[\{0->1,0->2,1->3,1->4,3->7,3->8,7->15,7->16,15->31,15->32,31->63,31->64,63->127,63,31->127,63$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - b1)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,7->15,7->16,15->31,15->32,31->63,31->64,64->129,6 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,7->15,7->16,15->31,15->32,31->63,31->64,32->65,32 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,7->15,7->16,15->31,15->32,16->33,16->34,31->63,31 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,7->15,7->16,8->17,8->18,15->31,15->32,31->63,31-: $Collect[GroebnerBasis[\{G == x + a1, a1 == x * (G * G - b1 * G), b1 == x * (c1 * G - d1)]$ $Graph[\{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,7->15,7->16,15->31,15->32,31->63,31-$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * a1 - b)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,7->15,7->16,15->31,15->32,31->64,31->64 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (c1 * G - b)$ $Graph[\{0->1,0->2,1->3,1->4,3->7,3->8,7->15,7->16,15->31,15->32,32->65,32->66,65->131,6->131$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ $Graph[\{0->1,0->2,1->3,1->4,3->7,3->8,7->15,7->16,15->31,15->32,32->65,32->66,66->133,66,32->66,66->136,66,32->136,66,32->66,66->136,66,32->136,66,32->136,66,32->136,66,32->136,66,32->136,66,$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,7->15,7->16,15->31,15->32,16->33,16->34,32->65,32 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,7->15,7->16,8->17,8->18,15->31,15->32,32->65,32-: Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,7->15,7->16,15->31,15->32,32->65,32->6 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * a1 - d)\}$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,7->15,7->16,15->31,15->32,32->65,32->66,31->66,15->31,15->32,32->66,31->31,31->66,31->$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (c1 * G - d)\}$ $Graph[\{0->1,0->2,1->3,1->4,3->7,3->8,7->15,7->16,15->31,15->32,16->33,16->34,33->67,3]$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ $Graph [\{0->1,0->2,1->3,1->4,3->7,3->8,7->15,7->16,15->31,15->32,16->33,16->34,34->69,34->6$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,7->15,7->16,8->17,8->18,15->31,15->32,16->33,16-: Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$

Graph[{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,7->15,7->16,15->31,15->32,16->33,16-> Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * a1 - d)\}$ Graph [{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,7->15,7->16,15->31,15->32,16->33,16->34,2->5,2->6,3->7,3->8,7->15,7->16,15->31,15->32,16->33,16->34,2->5,2->6,3->7,3->8,7->15,7->16,15->31,15->32,16->33,16->34,2->5,2->6,3->7,3->8,7->15,7->16,15->31,15->32,16->33,16->34,2->5,2->6,3->7,3->8,7->15,7->16,15->31,15->32,16->33,16->34,2->5,2->6,3->7,3->8,7->15,7->16,15->31,15->32,16->33,16->34,2->5,2->6,3->7,3->8,7->15,7->16,15->31,15->32,16->33,16->34,2->5,2->6,3->7,3->8,7->15,7->16,15->31,15->32,16->33,16->34,2->6,3->16,2->34,2->6,3->16,2->34,2->6,3->16,2->34,2->16,2->34,2->6,3->16,2->34,2->16,2->34,2->16,2->34,2-2-34,2-2-34,2-2-34,2-2-34,2-2-34,2-2-34,2-2-34,2-2-34,2-2-34,2-Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (c1 * G - d)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,7->15,7->16,8->17,8->18,15->31,15->32,17->35,17-: Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,7->15,7->16,8->17,8->18,15->31,15->32,18->37,18-> Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ $Graph[\{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,7->15,7->16,8->17,8->18,15->31,15->32\}$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * a1 - b)\}$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,7->15,7->16,8->17,8->18,15->31,15->32\}$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (c1 * G - d)\}$ $Graph[\{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,7->15,7->16,9->19,9->20,15->31,15->32\}$ Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - b1 * G), b1 == x * (c1 * d1 - b)$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,7->15,7->16,10->21,10->22,15->31,15-> Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * d1 - b)\}$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,4->9,4->10,7->15,7->16,15->31,15->32\}]$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (c1 * a1 - a1)\}$ $Graph [\{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,5->11,5->12,7->15,7->16,15->31,15->32 \}$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (d1 * G - b)]$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,6->13,6->14,7->15,7->16,15->31,15->32\}$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (d1 * G - b)]$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,7->15,7->16,16->33,16->34,33->67,33->68,67->135,6 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ $Graph[\{0->1,0->2,1->3,1->4,3->7,3->8,7->15,7->16,16->33,16->34,33->67,33->68,68->137,68->137,6$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ $Graph \ [\ \{0->1,0->2,1->3,1->4,3->7,3->8,7->15,7->16,16->33,16->34,33->67,33->68,34->69,34$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,7->15,7->16,8->17,8->18,16->33,16->34,33->67,33-: Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ $Graph[\{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,7->15,7->16,16->33,16->34,33->67,33-$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * a1 - d)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,7->15,7->16,16->33,16->34,33->67,33->67 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (c1 * G - d)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,7->15,7->16,16->33,16->34,34->69,34->70,69->139,6 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,7->15,7->16,16->33,16->34,34->69,34->70,70->141,7 Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - b1 * G), b1 == x * (c1 * G - d1)$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,7->15,7->16,8->17,8->18,16->33,16->34,34->69,34-: Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,7->15,7->16,16->33,16->34,34->69,34-> Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * a1 - d)\}$ $Graph [\{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,7->15,7->16,16->33,16->34,34->69,34->7,3->8,7->15,7->16,16->34,34->69,34->69,34->7,3->8,7->16,16->34,34->69,34->69,34->7,3->8,7->16,16->34,34->69,34->69,34->7,3->8,7->16,16->34,34->69,34->69,34->7,3->8,7->16,16->34,34->69,34->69,34->7,3->8,7->16,16->34,34->69,34->69,34->69,34->7,3->8,7->16,16->34,34->69,34->69,34->7,3->8,7->16,16->34,34->69,3$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (c1 * G - d)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,7->15,7->16,8->17,8->18,16->33,16->34,17->35,17-: Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ $Graph[\{0->1,0->2,1->3,1->4,3->7,3->8,7->15,7->16,8->17,8->18,16->33,16->34,18->37,18$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,7->15,7->16,8->17,8->18,16->33,16->34 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * a1 - b)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,7->15,7->16,8->17,8->18,16->33,16->34} Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (c1 * G - d)\}$ $Graph[\{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,7->15,7->16,9->19,9->20,16->33,16->34,16->34,16->10,16->1$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * d1 - e)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,7->15,7->16,10->21,10->22,16->33,16-> Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * d1 - e)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,4->9,4->10,7->15,7->16,16->33,16->34}] Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (c1 * a1 - a2)\}$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,5->11,5->12,7->15,7->16,16->33,16->34\}$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (d1 * G - e)\}$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,6->13,6->14,7->15,7->16,16->33,16->34\}$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (d1 * G - e)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,7->15,7->16,8->17,8->18,17->35,17->36,35->71,35-: Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,7->15,7->16,8->17,8->18,17->35,17->36,36->73,36-: Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,7->15,7->16,8->17,8->18,17->35,17->36,18->37,18-: Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,7->15,7->16,8->17,8->18,17->35,17->36 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * a1 - d)\}$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,7->15,7->16,8->17,8->18,17->35,17->36\}$ $Collect[GroebnerBasis[\{G == x + a1, a1 == x * (G * G - b1 * a1), b1 == x * (c1 * G - d)]$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,7->15,7->16,8->17,8->18,18->37,18->38,37->75,37-: Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - b1 * G), b1 == x * (c1 * G - d1)$ $Graph[\{0->1,0->2,1->3,1->4,3->7,3->8,7->15,7->16,8->17,8->18,18->37,18->38,38->77,38->18,18->18,18$ Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - b1 * G), b1 == x * (c1 * G - d1)$ $Graph[\{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,7->15,7->16,8->17,8->18,18->37,18->38\}$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * a1 - d)\}$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,7->15,7->16,8->17,8->18,18->37,18->38\}$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (c1 * G - d)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,7->15,7->16,8->17,8->18,9->19,9->20}] Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * d1 - b)$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,7->15,7->16,8->17,8->18,10->21,10->22 Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - b1 * G), b1 == x * (c1 * d1 - b)$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,4->9,4->10,7->15,7->16,8->17,8->18\}]$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (c1 * a1 - a1)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,5->11,5->12,7->15,7->16,8->17,8->18}] Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (d1 * G - e)\}$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,6->13,6->14,7->15,7->16,8->17,8->18\}]$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (d1 * G - e)\}$ $Graph[\{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,7->15,7->16,9->19,9->20,19->39,19->40\}$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * d1 - b)$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,7->15,7->16,9->19,9->20,20->41,20->42 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * d1 - b)$ $Graph[\{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,7->15,7->16,9->19,9->20,10->21,10->22,1->3,1->4,3->7,3->8,4->9,4->10,7->15,7->16,9->19,9->20,10->21,10->22,1->10,10->10,$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * d1 - b)$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,4->9,4->10,7->15,7->16,9->19,9->20\}]$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (c1 * c1 - b2)\}$

Graph[{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,7->15,7->16,10->21,10->22,21->43,21->4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * d1 - b)$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,7->15,7->16,10->21,10->22,22->45,22->4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * d1 - b)$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,4->9,4->10,7->15,7->16,10->21,10->22\}]$ Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - b1 * a1), b1 == x * (c1 * d1 - a1)\}$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,4->9,4->10,5->11,5->12,7->15,7->16\}]$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (c1 * a1 - b2)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,4->9,4->10,6->13,6->14,7->15,7->16}] Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (d1 * a1 - b2)\}$ $Graph [\{0 > 1, 0 > 2, 1 > 3, 1 > 4, 2 > 5, 2 > 6, 3 > 7, 3 > 8, 5 > 11, 5 > 12, 7 > 15, 7 > 16, 11 > 23, 11 > 24 \}$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * b1), b1 = x * (c1 * G - b)$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,5->11,5->12,7->15,7->16,12->25,12->26\}$ Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - b1 * c1), b1 == x * (d1 * G - b)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,5->11,5->12,6->13,6->14,7->15,7->16}] Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (d1 * G - b)]$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,6->13,6->14,7->15,7->16,13->27,13->28\}$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (d1 * G - b)]$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,6->13,6->14,7->15,7->16,14->29,14->30\}$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (d1 * G - b)]$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,8->17,8->18,17->35,17->36,35->71,35->72,71->143,7 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,8->17,8->18,17->35,17->36,35->71,35->72,72->145,7 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,8->17,8->18,17->35,17->36,35->71,35->72,36->73,36 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,8->17,8->18,17->35,17->36,18->37,18->38,35->71,3! Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,8->17,8->18,17->35,17->36,35->71,35-> $Collect[GroebnerBasis[\{G == x + a1, a1 == x * (G * G - b1 * G), b1 == x * (c1 * a1 - d)]$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,8->17,8->18,17->35,17->36,35->71,35->7 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (c1 * G - d)\}$

Graph[{0->1,0->2,1->3,1->4,3->7,3->8,8->17,8->18,17->35,17->36,36->73,36->74,73->147,7 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,8->17,8->18,17->35,17->36,36->73,36->74,74->149,7 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ $Graph [\{0->1,0->2,1->3,1->4,3->7,3->8,8->17,8->18,17->35,17->36,18->37,18->38,36->73,36->$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,8->17,8->18,17->35,17->36,36->73,36-> Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * a1 - d)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,8->17,8->18,17->35,17->36,36->73,36->74 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (c1 * G - d)\}$ $Graph[\{0->1,0->2,1->3,1->4,3->7,3->8,8->17,8->18,17->35,17->36,18->37,18->38,37->75,37->75,37$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ $Graph[\{0->1,0->2,1->3,1->4,3->7,3->8,8->17,8->18,17->35,17->36,18->37,18->38,38->77,3\}]$ Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - b1 * G), b1 == x * (c1 * G - d1)$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,8->17,8->18,17->35,17->36,18->37,18-> Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * a1 - d)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,8->17,8->18,17->35,17->36,18->37,18->37 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (c1 * G - d)\}$ $Graph[\{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,8->17,8->18,9->19,9->20,17->35,17->36,17->3$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * d1 - b)$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,8->17,8->18,10->21,10->22,17->35,17-> Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * d1 - e)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,4->9,4->10,8->17,8->18,17->35,17->36}] Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (c1 * a1 - a2)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,5->11,5->12,8->17,8->18,17->35,17->36} Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (d1 * G - e)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,6->13,6->14,8->17,8->18,17->35,17->36} Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (d1 * G - e)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,8->17,8->18,18->37,18->38,37->75,37->76,75->151,7 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,8->17,8->18,18->37,18->38,37->75,37->76,76->153,7 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ $Graph[\{0->1,0->2,1->3,1->4,3->7,3->8,8->17,8->18,18->37,18->38,37->75,37->76,38->77,3\}]$ $Collect[GroebnerBasis[\{G == x + a1, a1 == x * (G * G - b1 * G), b1 == x * (c1 * G - d1)]$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,8->17,8->18,18->37,18->38,37->75,37-> Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * a1 - d)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,8->17,8->18,18->37,18->38,37->75,37->7 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (c1 * G - d)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,8->17,8->18,18->37,18->38,38->77,38->78,77->155,7 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,8->17,8->18,18->37,18->38,38->77,38->78,78->157,7 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * G - d1)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,8->17,8->18,18->37,18->38,38->77,38-> Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * a1 - d)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,8->17,8->18,18->37,18->38,38->77,38->7 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (c1 * G - d)\}$ $Graph[\{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,8->17,8->18,9->19,9->20,18->37,18->38,1->4,3->10,18->38,1->4,3->10,18->38,1->4,3->10,18->10,$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * d1 - e)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,8->17,8->18,10->21,10->22,18->37,18-> Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * d1 - b)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,4->9,4->10,8->17,8->18,18->37,18->38}] Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (c1 * a1 - a1)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,5->11,5->12,8->17,8->18,18->37,18->38} Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (d1 * G - e)\}$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,6->13,6->14,8->17,8->18,18->37,18->38\}$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (d1 * G - e)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,8->17,8->18,9->19,9->20,19->39,19->40 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * d1 - b)$ $Graph[\{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,8->17,8->18,9->19,9->20,20->41,20->42,20->42,20->41,20->42,20->4$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * d1 - b)$ $Graph[\{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,8->17,8->18,9->19,9->20,10->21,10->22,1->3,1->4,3->7,3->8,4->9,4->10,8->17,8->18,9->19,9->20,10->21,10->22,1->10,10->10->10,10-$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * d1 - b)$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,4->9,4->10,8->17,8->18,9->19,9->20\}]$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (c1 * d1 - b2)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,8->17,8->18,10->21,10->22,21->43,21->4

Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * d1 - b)$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,8->17,8->18,10->21,10->22,22->45,22->4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (c1 * d1 - b)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,4->9,4->10,8->17,8->18,10->21,10->22}] Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (c1 * c1 - a1)\}$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,4->9,4->10,5->11,5->12,8->17,8->18\}]$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (d1 * a1 - b2)\}$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,4->9,4->10,6->13,6->14,8->17,8->18\}]$ Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - b1 * c1), b1 == x * (c1 * a1 - a1)$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,5->11,5->12,8->17,8->18,11->23,11->24\}$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (d1 * G - e)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,5->11,5->12,8->17,8->18,12->25,12->26} Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * b1), b1 = x * (c1 * G - d)\}$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,5->11,5->12,6->13,6->14,8->17,8->18\}]$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (d1 * G - e1)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,6->13,6->14,8->17,8->18,13->27,13->28} Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (d1 * G - e)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,6->13,6->14,8->17,8->18,14->29,14->30} Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - b1 * c1), b1 == x * (d1 * G - e)$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,9->19,9->20,19->39,19->40,39->79,39->4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (a1 * c1 - b)$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,9->19,9->20,19->39,19->40,40->81,40->4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (a1 * c1 - b)$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,9->19,9->20,19->39,19->40,20->41,20->4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (a1 * c1 - b)$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,9->19,9->20,10->21,10->22,19->39,19->4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (a1 * c1 - b)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,4->9,4->10,9->19,9->20,19->39,19->40}] Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (a1 * c1 - b2)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,9->19,9->20,20->41,20->42,41->83,41->4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (a1 * c1 - b)$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,9->19,9->20,20->41,20->42,42->85,42->4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (a1 * c1 - b)$

Graph[{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,9->19,9->20,10->21,10->22,20->41,20->4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (a1 * c1 - b)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,4->9,4->10,9->19,9->20,20->41,20->42}] Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (a1 * c1 - a1)\}$ Graph [{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,9->19,9->20,10->21,10->22,21->43,21->4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (a1 * c1 - b)\}$ Graph[{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,9->19,9->20,10->21,10->22,22->45,22->4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (a1 * c1 - b)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,4->9,4->10,9->19,9->20,10->21,10->22}] Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (a1 * c1 - a1)\}$ $Graph[\{0>1,0>2,1>3,1>4,2>5,2>6,3>7,3>8,4>9,4>10,5>11,5>12,9>19,9>20\}]$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (a1 * c1 - b2)\}$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,4->9,4->10,6->13,6->14,9->19,9->20\}]$ Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - b1 * c1), b1 == x * (a1 * d1 - b2)$ $Graph[\{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,10->21,10->22,21->43,21->44,43->87,4$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (a1 * c1 - b)$ $Graph[\{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,10->21,10->22,21->43,21->44,44->89,4$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (a1 * c1 - b)$ $Graph[\{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,10->21,10->22,21->43,21->44,22->45,2$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (a1 * c1 - b)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,4->9,4->10,10->21,10->22,21->43,21->44 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (a1 * c1 - b2)\}$ $Graph[\{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,10->21,10->22,22->45,22->46,45->91,45->10,10->21,1$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (a1 * c1 - b)$ $Graph[\{0->1,0->2,1->3,1->4,3->7,3->8,4->9,4->10,10->21,10->22,22->45,22->46,46->93,4$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (a1 * c1 - b)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,4->9,4->10,10->21,10->22,22->45,22->46 Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - b1 * a1), b1 == x * (a1 * c1 - a2)$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,4->9,4->10,5->11,5->12,10->21,10->22\}]$ Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - b1 * c1), b1 == x * (a1 * d1 - b1)$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,4->9,4->10,6->13,6->14,10->21,10->22\}]$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (a1 * c1 - b2)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,4->9,4->10,5->11,5->12,11->23,11->24}] Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (a1 * a1 - b2)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,4->9,4->10,5->11,5->12,12->25,12->26}] Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (a1 * a1 - b2)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,4->9,4->10,5->11,5->12,6->13,6->14}] Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * b1), b1 = x * (a1 * a1 - b2)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,4->9,4->10,6->13,6->14,13->27,13->28}] Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (a1 * a1 - b2)\}$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,4->9,4->10,6->13,6->14,14->29,14->30\}]$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (a1 * a1 - b2)\}$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,5->11,5->12,11->23,11->24,23->47,23->$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (a1 * G - b)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,5->11,5->12,11->23,11->24,24->49,24->50 Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - b1 * c1), b1 == x * (a1 * G - b)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,5->11,5->12,11->23,11->24,12->25,12->2(Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (a1 * G - b)]$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,5->11,5->12,6->13,6->14,11->23,11->24\}$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (a1 * G - b)]$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,5->11,5->12,12->25,12->26,25->51,25->51 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (a1 * G - b)]$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,5->11,5->12,12->25,12->26,26->53,26->54 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (a1 * G - b)]$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,5->11,5->12,6->13,6->14,12->25,12->26} Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (a1 * G - b)]$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,5->11,5->12,6->13,6->14,13->27,13->28} Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (a1 * G - b)]$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,5->11,5->12,6->13,6->14,14->29,14->30} Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (a1 * G - b)]$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,6->13,6->14,13->27,13->28,27->55,27->5 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (a1 * G - b)]$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,6->13,6->14,13->27,13->28,28->57,28->57 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (a1 * G - b)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,6->13,6->14,13->27,13->28,14->29,14->3 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (a1 * G - b)]$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,6->13,6->14,14->29,14->30,29->59,29->6| Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (a1 * G - b)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,3->7,3->8,6->13,6->14,14->29,14->30,30->61,30->61 Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - b1 * c1), b1 == x * (a1 * G - b)$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,9->19,9->20,19->39,19->40,39->79,39->80,79->159 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,9->19,9->20,19->39,19->40,39->79,39->80,80->161, Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,9->19,9->20,19->39,19->40,39->79,39->80,40->81,4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ $Graph[\{0->1,0->2,1->3,1->4,4->9,4->10,9->19,9->20,19->39,19->40,20->41,20->42,39->79,19->40,20->41$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ $Graph[\{0->1,0->2,1->3,1->4,4->9,4->10,9->19,9->20,10->21,10->22,19->39,19->40,39->79,19->10,10->10$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,9->19,9->20,19->39,19->40,39->79,39->4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (G * c1 - b)$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,9->19,9->20,19->39,19->40,40->81,40->82,81->163, Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,9->19,9->20,19->39,19->40,40->81,40->82,82->165, Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,9->19,9->20,19->39,19->40,20->41,20->42,40->81,4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,9->19,9->20,10->21,10->22,19->39,19->40,40->81,4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,9->19,9->20,19->39,19->40,40->81,40->4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (G * c1 - b)$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,9->19,9->20,19->39,19->40,20->41,20->42,41->83,4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,9->19,9->20,19->39,19->40,20->41,20->42,42->85,4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ $Graph [\{0->1,0->2,1->3,1->4,4->9,4->10,9->19,9->20,10->21,10->22,19->39,19->40,20->41,7->20,10->21,10->21,10->20,10->21,10->20$

Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,9->19,9->20,19->39,19->40,20->41,20->4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (G * c1 - b)\}$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,9->19,9->20,10->21,10->22,19->39,19->40,21->43,2 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ $Graph[\{0->1,0->2,1->3,1->4,4->9,4->10,9->19,9->20,10->21,10->22,19->39,19->40,22->45,7->20,10->21,10->20,$ Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - b1 * G), b1 == x * (G * c1 - b1)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,9->19,9->20,10->21,10->22,19->39,19->4 Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - b1 * a1), b1 == x * (G * c1 - b)$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,5->11,5->12,9->19,9->20,19->39,19->40\}$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (G * d1 - b)\}$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,6->13,6->14,9->19,9->20,19->39,19->40\}$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (G * d1 - b)\}$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,9->19,9->20,20->41,20->42,41->83,41->84,83->167 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,9->19,9->20,20->41,20->42,41->83,41->84,84->169 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,9->19,9->20,20->41,20->42,41->83,41->84,42->85,4 Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - b1 * G), b1 == x * (G * c1 - b1)$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,9->19,9->20,10->21,10->22,20->41,20->42,41->83,4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,9->19,9->20,20->41,20->42,41->83,41-> Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (G * c1 - b)$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,9->19,9->20,20->41,20->42,42->85,42->86,85->171, Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,9->19,9->20,20->41,20->42,42->85,42->86,86->173 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,9->19,9->20,10->21,10->22,20->41,20->42,42->85,4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,9->19,9->20,20->41,20->42,42->85,42->4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (G * c1 - b)$ $Graph[\{0->1,0->2,1->3,1->4,4->9,4->10,9->19,9->20,10->21,10->22,20->41,20->42,21->43,7->20,10->21,10->21,10->21,10->21,10->42,21->43,7->41,20->42,21->43,7->41,20->42,21->43,7->41,20->42,21->43,7->41,20->42,21->43,7->41,20->42,21->43,7->41,20->42,21->43,7->41,20->41,20->42,21->43,7-->41,20->41,20->42,21->43,7-->41,20->41,20->42,21->43,7-->41,20->41,20->42,21->41,20->41,20->41,20->42,21->41,20->41,$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$

Graph[{0->1,0->2,1->3,1->4,4->9,4->10,9->19,9->20,10->21,10->22,20->41,20->42,22->45,2 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,9->19,9->20,10->21,10->22,20->41,20->4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (G * c1 - b)$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,5->11,5->12,9->19,9->20,20->41,20->42,20->41,20->42,20->41,20->42,20->41,20->42,20->41,20->42,20->41,20->42,20->42,20->41,20->42,20->42,20->41,20->42,20->4$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (G * d1 - b)\}$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,6->13,6->14,9->19,9->20,20->41,20->42,20->41,20->42,20->41,20->42,20->41,20->42,20->41,20->42,20->41,20->42,20->42,20->41,20->42,20->42,20->41,20->42,20->4$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (G * d1 - b)\}$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,9->19,9->20,10->21,10->22,21->43,21->44,43->87,4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ $Graph [\{0->1,0->2,1->3,1->4,4->9,4->10,9->19,9->20,10->21,10->22,21->43,21->44,44->89,4->10,9->10,4-$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,9->19,9->20,10->21,10->22,21->43,21->44,22->45,2 Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - b1 * G), b1 == x * (G * c1 - b1)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,9->19,9->20,10->21,10->22,21->43,21->4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (G * c1 - b)$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,9->19,9->20,10->21,10->22,22->45,22->46,45->91,4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,9->19,9->20,10->21,10->22,22->45,22->46,46->93,4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,9->19,9->20,10->21,10->22,22->45,22->4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (G * c1 - b)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,5->11,5->12,9->19,9->20,10->21,10->22 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (G * d1 - b)]$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,6->13,6->14,9->19,9->20,10->21,10->22,1->3,1->4,2->5,2->6,4->9,4->10,6->13,6->14,9->19,9->20,10->21,10->22,1->10,10->10->10,10-$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (G * d1 - b)$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,5->11,5->12,9->19,9->20,11->23,11->24,2->10,10->10$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (G * d1 - b)\}$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,5->11,5->12,9->19,9->20,12->25,12->26,12->2$ Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - b1 * c1), b1 == x * (G * d1 - b)$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,5->11,5->12,6->13,6->14,9->19,9->20\}]$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (G * d1 - b)$

 $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,6->13,6->14,9->19,9->20,13->27,13->28,13->10,13->1$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * b1), b1 = x * (G * c1 - b)$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,6->13,6->14,9->19,9->20,14->29,14->30\}$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (G * d1 - b)$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,10->21,10->22,21->43,21->44,43->87,43->88,87->17 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,10->21,10->22,21->43,21->44,43->87,43->88,88->17 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,10->21,10->22,21->43,21->44,43->87,43->88,44->89 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,10->21,10->22,21->43,21->44,22->45,22->46,43->87 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,10->21,10->22,21->43,21->44,43->87,4$ Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - b1 * a1), b1 == x * (G * c1 - b)$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,10->21,10->22,21->43,21->44,44->89,44->90,89->17 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ $Graph[\{0->1,0->2,1->3,1->4,4->9,4->10,10->21,10->22,21->43,21->44,44->89,44->90,90->1\}]$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,10->21,10->22,21->43,21->44,22->45,22->46,44->8 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,10->21,10->22,21->43,21->44,44->89,44· Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (G * c1 - b)$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,10->21,10->22,21->43,21->44,22->45,22->46,45->91 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,10->21,10->22,21->43,21->44,22->45,22->46,46->9: Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,10->21,10->22,21->43,21->44,22->45,22-Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (G * c1 - b)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,5->11,5->12,10->21,10->22,21->43,21->4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (G * d1 - b)$ Graph [{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,6->13,6->14,10->21,10->22,21->43,21->4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (G * d1 - b)\}$ $Graph[\{0->1,0->2,1->3,1->4,4->9,4->10,10->21,10->22,22->45,22->46,45->91,45->92,91->1\}]$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,10->21,10->22,22->45,22->46,45->91,45->92,92->1{ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,10->21,10->22,22->45,22->46,45->91,45->92,46->9: Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - b1 * G), b1 == x * (G * c1 - b1)$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,10->21,10->22,22->45,22->46,45->91,45-$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (G * c1 - b)\}$ Graph[{0->1,0->2,1->3,1->4,4->9,4->10,10->21,10->22,22->45,22->46,46->93,46->94,93->1{ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ $Graph[\{0->1,0->2,1->3,1->4,4->9,4->10,10->21,10->22,22->45,22->46,46->93,46->94,94->1\{\}\}$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * G), b1 = x * (G * c1 - b1)\}$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,10->21,10->22,22->45,22->46,46->93,4$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * a1), b1 = x * (G * c1 - b)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,5->11,5->12,10->21,10->22,22->45,22->4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (G * d1 - b)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,6->13,6->14,10->21,10->22,22->45,22->4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (G * d1 - b)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,5->11,5->12,10->21,10->22,11->23,11-> Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (G * d1 - b)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,5->11,5->12,10->21,10->22,12->25,12->2 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (G * d1 - b)$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,5->11,5->12,6->13,6->14,10->21,10->22\}$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (G * d1 - b)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,6->13,6->14,10->21,10->22,13->27,13-> Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (G * d1 - b)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,6->13,6->14,10->21,10->22,14->29,14-> Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * b1), b1 = x * (G * c1 - b)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,5->11,5->12,11->23,11->24,23->47,23->4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (G * a1 - b)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,5->11,5->12,11->23,11->24,24->49,24->! Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (G * a1 - b)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,5->11,5->12,11->23,11->24,12->25,12->2 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (G * a1 - b)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,5->11,5->12,6->13,6->14,11->23,11->24 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (G * a1 - b)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,5->11,5->12,12->25,12->26,25->51,25->! Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (G * a1 - b)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,5->11,5->12,12->25,12->26,26->53,26->! Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (G * a1 - b)$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,5->11,5->12,6->13,6->14,12->25,12->26,13,6->14,12->25,12->26,13,12->14,12->25,12->26,13,12->14,12->$ Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - b1 * c1), b1 == x * (G * a1 - b)$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,5->11,5->12,6->13,6->14,13->27,13->28,13,13->10,13,13,13->10,13,13->10,13,13->10,13,13->10,13,13->10,13,13->10,13,13->10,13,13->10,13,13->10,13,13$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (G * a1 - b)\}$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,5->11,5->12,6->13,6->14,14->29,14->30\}$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (G * a1 - b)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,6->13,6->14,13->27,13->28,27->55,27->! Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (G * a1 - b)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,6->13,6->14,13->27,13->28,28->57,28->! Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (G * a1 - b)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,6->13,6->14,13->27,13->28,14->29,14-> Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - b1 * c1), b1 == x * (G * a1 - b)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,6->13,6->14,14->29,14->30,29->59,29->6 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (G * a1 - b)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,4->9,4->10,6->13,6->14,14->29,14->30,30->61,30->6 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - b1 * c1), b1 = x * (G * a1 - b)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,5->11,5->12,11->23,11->24,23->47,23->48,47->95,47 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (c1 * G - c)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,5->11,5->12,11->23,11->24,23->47,23->48,48->97,4{ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (c1 * G - c)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,5->11,5->12,11->23,11->24,23->47,23->48,24->49,24 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (c1 * G - c)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,5->11,5->12,11->23,11->24,12->25,12->26,23->47,2: Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (c1 * G - c)\}$

Graph[{0->1,0->2,1->3,1->4,2->5,2->6,5->11,5->12,6->13,6->14,11->23,11->24,23->47,23-:

Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (c1 * a1 - b1)\}$

Graph[{0->1,0->2,1->3,1->4,2->5,2->6,5->11,5->12,11->23,11->24,24->49,24->50,49->99,49 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (c1 * G - c)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,5->11,5->12,11->23,11->24,24->49,24->50,50->101,! Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (c1 * G - c)\}$ Graph [{0->1,0->2,1->3,1->4,2->5,2->6,5->11,5->12,11->24,12->25,12->26,24->49,24 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (c1 * G - c)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,5->11,5->12,6->13,6->14,11->23,11->24,24->49,24-: Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (c1 * a1 - a1)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,5->11,5->12,11->23,11->24,12->25,12->26,25->51,2! Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (c1 * G - c)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,5->11,5->12,11->23,11->24,12->25,12->26,26->53,26 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (c1 * G - c)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,5->11,5->12,6->13,6->14,11->23,11->24,12->25,12-: Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (c1 * a1 - a1)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,5->11,5->12,6->13,6->14,11->23,11->24,13->27,13-: Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (c1 * c1 - a2)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,5->11,5->12,6->13,6->14,11->23,11->24,14->29,14-: Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (c1 * d1 - and b1)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,5->11,5->12,12->25,12->26,25->51,25->52,51->103,! Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (c1 * G - c)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,5->11,5->12,12->25,12->26,25->51,25->52,52->105,! Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (c1 * G - c)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,5->11,5->12,12->25,12->26,25->51,25->52,26->53,26 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (c1 * G - c)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,5->11,5->12,6->13,6->14,12->25,12->26,25->51,25-: Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (c1 * a1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,5->11,5->12,12->25,12->26,26->53,26->54,53->107,! Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (c1 * G - c)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,5->11,5->12,12->25,12->26,26->53,26->54,54->109,! Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - a1 * b1), b1 == x * (c1 * G - c)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,5->11,5->12,6->13,6->14,12->25,12->26,26->53,26-: Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (c1 * a1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,5->11,5->12,6->13,6->14,12->25,12->26,13->27,13-: Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (c1 * d1 - b1)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,5->11,5->12,6->13,6->14,12->25,12->26,14->29,14-: Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (c1 * c1 - and b1)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,5->11,5->12,6->13,6->14,13->27,13->28,27->55,27-: Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (a1 * c1 - a2)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,5->11,5->12,6->13,6->14,13->27,13->28,28->57,28-: Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (a1 * c1 - a2)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,5->11,5->12,6->13,6->14,13->27,13->28,14->29,14-: Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (a1 * c1 - a2)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,5->11,5->12,6->13,6->14,14->29,14->30,29->59,29-> Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (a1 * c1 - a2)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,5->11,5->12,6->13,6->14,14->29,14->30,30->61,30-: Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (a1 * c1 - a2)\}$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,6->13,6->14,13->27,13->28,27->55,27->56,55->111,! Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (G * c1 - a)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,6->13,6->14,13->27,13->28,27->55,27->56,56->113,! Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (G * c1 - a)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,6->13,6->14,13->27,13->28,27->55,27->56,28->57,2{ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (G * c1 - a)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,6->13,6->14,13->27,13->28,14->29,14->30,27->55,27 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (G * c1 - a)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,6->13,6->14,13->27,13->28,28->57,28->58,57->115,! Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (G * c1 - a)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,6->13,6->14,13->27,13->28,28->57,28->58,58->117,! Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (G * c1 - a)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,6->13,6->14,13->27,13->28,14->29,14->30,28->57,2{ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (G * c1 - a)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,6->13,6->14,13->27,13->28,14->29,14->30,29->59,2 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (G * c1 - a)$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,6->13,6->14,13->27,13->28,14->29,14->30,30->61,36->14,13->28,14->28,14->29,14->30,30->61,36->14,13->28,14->14,13->28,14->14,13->14,$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (G * c1 - a)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,6->13,6->14,14->29,14->30,29->59,29->60,59->119,! Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (G * c1 - a)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,6->13,6->14,14->29,14->30,29->59,29->60,60->121,6 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (G * c1 - a)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,6->13,6->14,14->29,14->30,29->59,29->60,30->61,36 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (G * c1 - a)$ Graph[{0->1,0->2,1->3,1->4,2->5,2->6,6->13,6->14,14->29,14->30,30->61,30->62,61->123,6 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (G * c1 - a)$ $Graph[\{0->1,0->2,1->3,1->4,2->5,2->6,6->13,6->14,14->29,14->30,30->61,30->62,62->125,6->14,14->29,14->30,30->61,30->61,30->62,62->125,6->125$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - a1 * b1), b1 = x * (G * c1 - a)$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,11->23,11->24,23->47,23->48,47->95,47->96,95->1 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,11->23,11->24,23->47,23->48,47->95,47->96,96->1 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,11->23,11->24,23->47,23->48,47->95,47->96,48-> Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,11->23,11->24,23->47,23->48,24->49,24->50,47-> Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,11->23,11->24,12->25,12->26,23->47,23->48,47-> Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,11->23,11->24,23->47,23->48,47->95, Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * a1 - c)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,11->23,11->24,23->47,23->48,48->97,48->98,97->1 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,11->23,11->24,23->47,23->48,48->97,48->98,98->1 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,11->23,11->24,23->47,23->48,24->49,24->50,48-> Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,11->23,11->24,12->25,12->26,23->47,23->48,48-> Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,11->23,11->24,23->47,23->48,48->97 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * a1 - c)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,11->23,11->24,23->47,23->48,24->49,24->50,49->5 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,11->23,11->24,23->47,23->48,24->49,24->50,50->1 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,11->23,11->24,12->25,12->26,23->47,23->48,24->4 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,11->23,11->24,23->47,23->48,24->49, Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * a1 - c)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,11->23,11->24,12->25,12->26,23->47,23->48,25->! Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - G * b1), b1 == x * (c1 * G - c1)$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,11->23,11->24,12->25,12->26,23->47,23->48,26->! Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,11->23,11->24,12->25,12->26,23->47] Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * a1 - c)\}$ $Graph[\{0>1,0>2,2>5,2>5,2>6,5>11,5>12,6>13,6>14,11>24,13>24,13>27,13>28,23>47\}$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * d1 - c)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,11->23,11->24,14->29,14->30,23->47, Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * d1 - c)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,11->23,11->24,24->49,24->50,49->99,49->100,99-> Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - G * b1), b1 == x * (c1 * G - c1)$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,11->23,11->24,24->49,24->50,49->99,49->100,50-> Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,11->23,11->24,12->25,12->26,24->49,24->50,49-> Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,11->23,11->24,24->49,24->50,49->99, Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * a1 - c)\}$ $Graph[\{0->1,0->2,2->5,2->6,5->11,5->12,11->23,11->24,24->49,24->50,50->101,50->102,101\}$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ $Graph[\{0->1,0->2,2->5,2->6,5->11,5->12,11->23,11->24,24->49,24->50,50->101,50->102,102\}]$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,11->23,11->24,12->25,12->26,24->49,24->50,50->1 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$

 $Graph[\{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,11->23,11->24,24->49,24->50,50->101,5->1$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * a1 - c)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,11->23,11->24,12->25,12->26,24->49,24->50,25->! Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,11->23,11->24,12->25,12->26,24->49,24->50,26->! Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,11->23,11->24,12->25,12->26,24->49, Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * a1 - c)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,11->23,11->24,13->27,13->28,24->49, Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * d1 - c)\}$ $Graph[\{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,11->23,11->24,14->29,14->30,24->49\}]$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * d1 - c)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,11->23,11->24,12->25,12->26,25->51,25->52,51->1 Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - G * b1), b1 == x * (c1 * G - c1)$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,11->23,11->24,12->25,12->26,25->51,25->52,52->1 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,11->23,11->24,12->25,12->26,25->51,25->52,26->! Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,11->23,11->24,12->25,12->26,25->51, Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * a1 - c)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,11->23,11->24,12->25,12->26,26->53,26->54,53->1 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,11->23,11->24,12->25,12->26,26->53,26->54,54->1 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,11->23,11->24,12->25,12->26,26->53, Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * a1 - c)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,11->23,11->24,12->25,12->26,13->27, Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * d1 - c)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,11->23,11->24,12->25,12->26,14->29, Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - G * b1), b1 == x * (c1 * d1 - c)$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,11->23,11->24,13->27,13->28,27->55, Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * d1 - c)\}$

Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,11->23,11->24,13->27,13->28,28->57 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * d1 - c)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,11->23,11->24,13->27,13->28,14->29, Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * d1 - c)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,11->23,11->24,14->29,14->30,29->59, Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * d1 - c)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,11->23,11->24,14->29,14->30,30->61, Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * d1 - c)\}$ $Graph[\{0->1,0->2,2->5,2->6,5->11,5->12,12->25,12->26,25->51,25->52,51->103,51->104,103->104$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ $Graph[\{0->1,0->2,2->5,2->6,5->11,5->12,12->25,12->26,25->51,25->52,51->103,51->104,104\}]$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ $Graph[\{0->1,0->2,2->5,2->6,5->11,5->12,12->25,12->26,25->51,25->52,51->103,51->104,52->51,25->51,2$ Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - G * b1), b1 == x * (c1 * G - c1)$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,12->25,12->26,25->51,25->52,26->53,26->54,51->1 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ $Graph[\{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,12->25,12->26,25->51,25->52,51->10\}$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * a1 - c)\}$ $Graph [\{0->1,0->2,2->5,2->6,5->11,5->12,12->25,12->26,25->51,25->52,52->105,52->106,105->10$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ $Graph[\{0->1,0->2,2->5,2->6,5->11,5->12,12->25,12->26,25->51,25->52,52->105,52->106,106\}]$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,12->25,12->26,25->51,25->52,26->53,26->54,52->1 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,12->25,12->26,25->51,25->52,52->10! Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * a1 - c)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,12->25,12->26,25->51,25->52,26->53,26->54,53->1 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,12->25,12->26,25->51,25->52,26->53,26->54,54->1 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,12->25,12->26,25->51,25->52,26->53, Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * a1 - c)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,12->25,12->26,13->27,13->28,25->51, Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * d1 - c)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,12->25,12->26,14->29,14->30,25->51, Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * d1 - c)\}$ $Graph[\{0->1,0->2,2->5,2->6,5->11,5->12,12->25,12->26,26->53,26->54,53->107,53->108,107\}]$ Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - G * b1), b1 == x * (c1 * G - c1)$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,12->25,12->26,26->53,26->54,53->107,53->108,108 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,12->25,12->26,26->53,26->54,53->107,53->108,54-Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ $Graph [\{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,12->25,12->26,26->53,26->54,53->10\}$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * a1 - c)\}$ $Graph[\{0->1,0->2,2->5,2->6,5->11,5->12,12->25,12->26,26->53,26->54,54->109,54->110,109\}]$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ $Graph[\{0->1,0->2,2->5,2->6,5->11,5->12,12->25,12->26,26->53,26->54,54->109,54->110,110\}]$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * G - c1)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,12->25,12->26,26->53,26->54,54->10 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * a1 - c)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,12->25,12->26,13->27,13->28,26->53 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * d1 - c)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,12->25,12->26,14->29,14->30,26->53, Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * d1 - c)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,12->25,12->26,13->27,13->28,27->55, Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * d1 - c)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,12->25,12->26,13->27,13->28,28->57 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * d1 - c)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,12->25,12->26,13->27,13->28,14->29, Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * d1 - c)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,12->25,12->26,14->29,14->30,29->59, Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * d1 - c)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,12->25,12->26,14->29,14->30,30->61, Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (c1 * d1 - c)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,13->27,13->28,27->55,27->56,55->11: Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (a1 * c1 - a)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,13->27,13->28,27->55,27->56,56->11: Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (a1 * c1 - a)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,13->27,13->28,27->55,27->56,28->57, Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (a1 * c1 - a)\}$ $Graph[\{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,13->27,13->28,14->29,14->30,27->55\}]$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (a1 * c1 - a)$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,13->27,13->28,28->57,28->58,57->11! Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - G * b1), b1 == x * (a1 * c1 - a)$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,13->27,13->28,28->57,28->58,58->11; Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (a1 * c1 - a)$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,13->27,13->28,14->29,14->30,28->57 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (a1 * c1 - a)\}$ $Graph[\{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,13->27,13->28,14->29,14->30,29->59\}]$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (a1 * c1 - a)$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,13->27,13->28,14->29,14->30,30->61, Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (a1 * c1 - a)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,14->29,14->30,29->59,29->60,59->11 Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - G * b1), b1 == x * (a1 * c1 - a)$ $Graph[\{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,14->29,14->30,29->59,29->60,60->121,6->12,6->12,6->12,6->12,6->12,6->12,6->12,6->12,6->12,6->14,14->29,14->30,29->59,29->60,60->12,6-$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (a1 * c1 - a)\}$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,14->29,14->30,29->59,29->60,30->61, Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (a1 * c1 - a)$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,14->29,14->30,30->61,30->62,61->12: Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (a1 * c1 - a)$ Graph[{0->1,0->2,2->5,2->6,5->11,5->12,6->13,6->14,14->29,14->30,30->61,30->62,62->12! Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (a1 * c1 - a)$ $Graph[\{0->1,0->2,2->5,2->6,6->13,6->14,13->27,13->28,27->55,27->56,55->111,55->112,111\}$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)$ Graph[{0->1,0->2,2->5,2->6,6->13,6->14,13->27,13->28,27->55,27->56,55->111,55->112,56-Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)$

 $Graph[\{0->1,0->2,2->5,2->6,6->13,6->14,13->27,13->28,27->55,27->56,28->57,28->58,55->1,28->58,27->56,28->57,28->58,55->1,28->1$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)$ Graph[{0->1,0->2,2->5,2->6,6->13,6->14,13->27,13->28,14->29,14->30,27->55,27->56,55->1 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)$ $Graph[\{0->1,0->2,2->5,2->6,6->13,6->14,13->27,13->28,27->55,27->56,56->113,56->114,113->28,27->56,28->114,113->28,28->114,113->$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)$ Graph[{0->1,0->2,2->5,2->6,6->13,6->14,13->27,13->28,27->55,27->56,56->113,56->114,114 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)$ Graph[{0->1,0->2,2->5,2->6,6->13,6->14,13->27,13->28,27->55,27->56,28->57,28->58,56->1 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)$ Graph[{0->1,0->2,2->5,2->6,6->13,6->14,13->27,13->28,14->29,14->30,27->55,27->56,56->1 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)$ Graph[{0->1,0->2,2->5,2->6,6->13,6->14,13->27,13->28,27->55,27->56,28->57,28->58,57->1 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)$ Graph[{0->1,0->2,2->5,2->6,6->13,6->14,13->27,13->28,27->55,27->56,28->57,28->58,58->1 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)$ Graph[{0->1,0->2,2->5,2->6,6->13,6->14,13->27,13->28,14->29,14->30,27->55,27->56,28->! Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)$ Graph[{0->1,0->2,2->5,2->6,6->13,6->14,13->27,13->28,14->29,14->30,27->55,27->56,29->! Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)$ Graph[{0->1,0->2,2->5,2->6,6->13,6->14,13->27,13->28,14->29,14->30,27->55,27->56,30->6 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G$ Graph[{0->1,0->2,2->5,2->6,6->13,6->14,13->27,13->28,28->57,28->58,57->115,57->116,115 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)\}$ $Graph[\{0->1,0->2,2->5,2->6,6->13,6->14,13->27,13->28,28->57,28->58,57->115,57->116,116\}$ Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - G * b1), b1 == x * (G * c1 - G)$ Graph[{0->1,0->2,2->5,2->6,6->13,6->14,13->27,13->28,28->57,28->58,57->115,57->116,58-Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)$ Graph[{0->1,0->2,2->5,2->6,6->13,6->14,13->27,13->28,14->29,14->30,28->57,28->58,57->1 $Collect[GroebnerBasis[\{G == x + a1, a1 == x * (G * G - G * b1), b1 == x * (G * c1 - G)]$ Graph[{0->1,0->2,2->5,2->6,6->13,6->14,13->27,13->28,28->57,28->58,58->117,58->118,117 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)$

Graph[{0->1,0->2,2->5,2->6,6->13,6->14,13->27,13->28,28->57,28->58,58->117,58->118,118 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)$ Graph[{0->1,0->2,2->5,2->6,6->13,6->14,13->27,13->28,14->29,14->30,28->57,28->58,58->1 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)$ Graph[{0->1,0->2,2->5,2->6,6->13,6->14,13->27,13->28,14->29,14->30,28->57,28->58,29->! Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)$ Graph[{0->1,0->2,2->5,2->6,6->13,6->14,13->27,13->28,14->29,14->30,28->57,28->58,30->(Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)$ $Graph[\{0->1,0->2,2->5,2->6,6->13,6->14,13->27,13->28,14->29,14->30,29->59,29->60,59->1,29->1,29-$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)$ $Graph[\{0->1,0->2,2->5,2->6,6->13,6->14,13->27,13->28,14->29,14->30,29->59,29->60,60->1,20->10,20->$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)$ $Graph[\{0->1,0->2,2->5,2->6,6->13,6->14,13->27,13->28,14->29,14->30,29->59,29->60,30-$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)$ Graph[{0->1,0->2,2->5,2->6,6->13,6->14,13->27,13->28,14->29,14->30,30->61,30->62,61->1 Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)$ $Graph[\{0->1,0->2,2->5,2->6,6->13,6->14,13->27,13->28,14->29,14->30,30->61,30->62,62->1,30->61,30->$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)$ $Graph[\{0->1,0->2,2->5,2->6,6->13,6->14,14->29,14->30,29->59,29->60,59->119,59->120,120\}$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)\}$ $Graph[\{0->1,0->2,2->5,2->6,6->13,6->14,14->29,14->30,29->59,29->60,59->119,59->120,60-$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)$ $Graph[\{0->1,0->2,2->5,2->6,6->13,6->14,14->29,14->30,29->59,29->60,30->61,30->62,59->1,20->60,30->61,30->62,59->1,20->60,30->61,30->6$ Collect[GroebnerBasis[$\{G == x + a1, a1 == x * (G * G - G * b1), b1 == x * (G * c1 - G)$ $Graph [\{0->1,0->2,2->5,2->6,6->13,6->14,14->29,14->30,29->59,29->60,60->121,60->122,121->60,60->121,60->122,121->60,60->121,60->122,121->60,60->121,60->122,121->60,60->121,60->122,121->60,60->121,60->122,121->60,60->121,60->122,121->60,60->121,60->122,121->60,60->121,60->122,121->60,60->121,60->122,121->60,60->121,60->122,121->60,60->121,60->121,60->122,121->60,60->121,60->122,121->60,60->121,60->122,121->60,60->121,60->122,121->60,60->121,60->122,121->60,60->121,60->122,121->60,60->121,60->122,121->60,60->121,$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)$ $Graph[\{0->1,0->2,2->5,2->6,6->13,6->14,14->29,14->30,29->59,29->60,30->61,30->62,60->1,4->30,29->60,30->61,30->61,30->62,60->1,4->30,29->60,30->61,$ Collect[GroebnerBasis[$\{G = x + a1, a1 = x * (G * G - G * b1), b1 = x * (G * c1 - G)$ Graph[{0->1,0->2,2->5,2->6,6->13,6->14,14->29,14->30,29->59,29->60,30->61,30->62,61->1 Collect[GroebnerBasis[{G == x + a1, a1 == x * (G * G - G * b1), b1 == x * (G * c1 - G Graph[{0->1,0->2,2->5,2->6,6->13,6->14,14->29,14->30,29->59,29->60,30->61,30->62,62->:

Collect[GroebnerBasis[{G == x + a1, a1 == x * (G * G - G * b1), b1 == x * (G * c1 - G Graph[{0->1,0->2,2->5,2->6,6->13,6->14,14->29,14->30,30->61,30->62,61->123,61->124,123
Collect[GroebnerBasis[{G == x + a1, a1 == x * (G * G - G * b1), b1 == x * (G * c1 - G Graph[{0->1,0->2,2->5,2->6,6->13,6->14,14->29,14->30,30->61,30->62,61->123,61->124,124
Collect[GroebnerBasis[{G == x + a1, a1 == x * (G * G - G * b1), b1 == x * (G * c1 - G Graph[{0->1,0->2,2->5,2->6,6->13,6->14,14->29,14->30,30->61,30->62,61->123,61->124,62
Collect[GroebnerBasis[{G == x + a1, a1 == x * (G * G - G * b1), b1 == x * (G * c1 - G Graph[{0->1,0->2,2->5,2->6,6->13,6->14,14->29,14->30,30->61,30->62,61->123,61->124,62
Collect[GroebnerBasis[{G == x + a1, a1 == x * (G * G - G * b1), b1 == x * (G * c1 - G Graph[{0->1,0->2,2->5,2->6,6->13,6->14,14->29,14->30,30->61,30->62,62->125,62->126,125

Collect[GroebnerBasis[{G == x + a1, a1 == x * (G * G - G * b1), b1 == x * (G * c1 - G Graph[{0->1,0->2,2->5,2->6,6->13,6->14,14->29,14->30,30->61,30->62,62->125,62->126,125

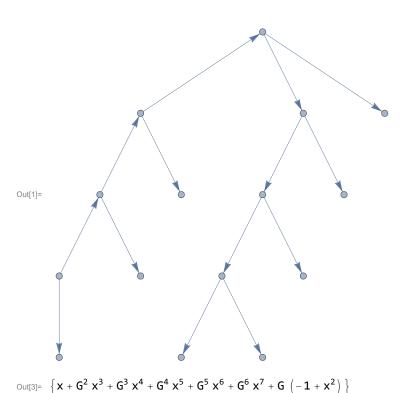
Collect[GroebnerBasis[{G == x + a1, a1 == x * (G * G - G * b1), b1 == x * (G * c1 - G Graph[{0->1,0->2,2->5,2->6,6->13,6->14,14->29,14->30,30->61,30->62,62->125,62->126,126

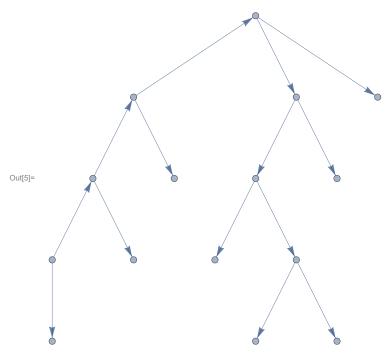
Collect[GroebnerBasis[{G == x + a1, a1 == x * (G * G - G * b1), b1 == x * (G * c1 - G Graph[{0->1,0->2,2->5,2->6,6->13,6->14,14->29,14->30,30->61,30->62,62->125,62->125,62->126,126

Collect[GroebnerBasis[{G == x + a1, a1 == x * (G * G - G * b1), b1 == x * (G * c1 - G Graph[{0->1,0->2,2->5,2->6,6->13,6->14,14->29,14->30,30->61,30->62,62->125,62->125,62->126,126

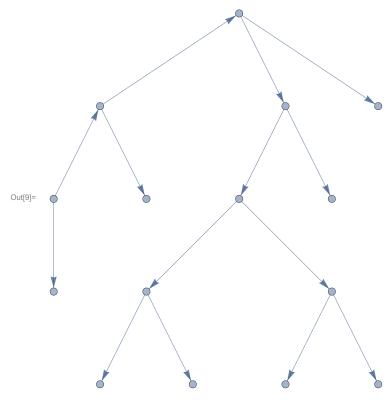
Collect[GroebnerBasis[{G == x + a1, a1 == x * (G * G - G * b1), b1 == x * (G * c1 - G Graph[{0->1,0->2,2->5,2->6,6->13,6->14,14->29,14->30,30->61,30->62,62->125,62->125,62->126,126

Collect[GroebnerBasis[{G == x + a1, a1 == x * (G * G - G * b1), b1 == x * (G * c1 - G Graph[{0->1,0->2,2->

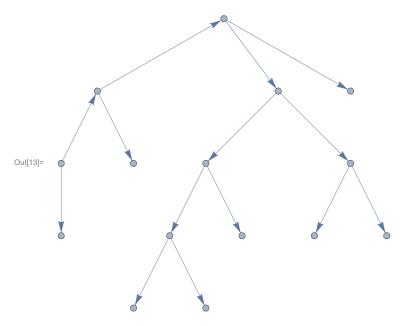




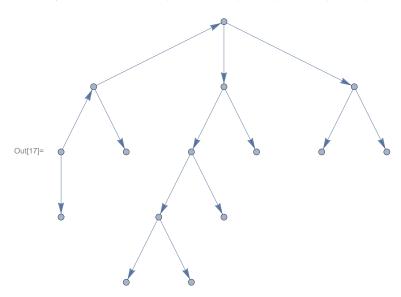
$$\text{Out}[\text{7}] = \left. \left\{ -\,x \,+\, x^3 \,-\, G^5 \,\, x^6 \,+\, G \,\, \left(1 \,-\, 2\,\, x^2 \,+\, x^4 \right) \,\,+\, G^2 \,\, \left(-\,x^3 \,+\, x^5 \right) \,\,+\, G^3 \,\, \left(-\,x^4 \,+\, x^6 \right) \,\,+\, G^4 \,\, \left(-\,x^5 \,+\, x^7 \right) \,\right\} \right\} = \left. \left\{ -\,x \,+\, x^3 \,-\, G^5 \,\, x^6 \,+\, G \,\, \left(1 \,-\, 2\,\, x^2 \,+\, x^4 \right) \,+\, G^2 \,\, \left(-\,x^3 \,+\, x^5 \right) \,+\, G^3 \,\, \left(-\,x^4 \,+\, x^6 \right) \,+\, G^4 \,\, \left(-\,x^5 \,+\, x^7 \right) \,\right\} \right\} = \left. \left\{ -\,x \,+\, x^3 \,-\, G^5 \,\, x^6 \,+\, G \,\, \left(1 \,-\, 2\,\, x^2 \,+\, x^4 \right) \,+\, G^2 \,\, \left(-\,x^3 \,+\, x^5 \right) \,+\, G^3 \,\, \left(-\,x^4 \,+\, x^6 \right) \,+\, G^4 \,\, \left(-\,x^5 \,+\, x^7 \right) \,\right\} \right.$$



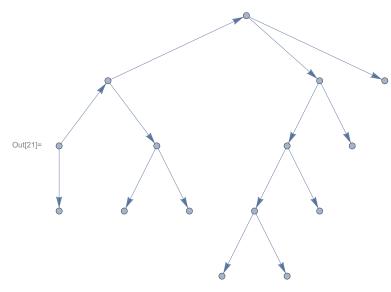
$$\text{Out} [\text{11}] = \left. \left\{ -\,x \,+\, x^3 \,-\, G^5 \,\, x^6 \,+\, G \,\, \left(1 \,-\, 2\,\, x^2 \,+\, x^4 \right) \,\,+\, G^2 \,\, \left(-\,x^3 \,+\, x^5 \right) \,\,+\, G^3 \,\, \left(-\,x^4 \,+\, x^6 \right) \,\,+\, G^4 \,\, \left(-\,x^5 \,+\, x^7 \right) \,\, \right\} \,\, .$$



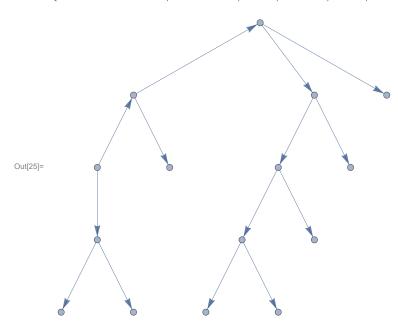
$$\text{Out} [\text{15}] = \left. \left\{ -\,x \,+\, x^3 \,-\, G^5 \,\, x^6 \,+\, G \,\, \left(1 \,-\, 2\,\, x^2 \,+\, x^4 \,\right) \right. \\ \left. +\, G^2 \,\, \left(-\,x^3 \,+\, x^5 \,\right) \right. \\ \left. +\, G^3 \,\, \left(-\,x^4 \,+\, x^6 \,\right) \right. \\ \left. +\, G^4 \,\, \left(-\,x^5 \,+\, x^7 \,\right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(-\,x^4 \,+\, x^6 \,\right) \right. \\ \left. \left(-\,x^5 \,+\, x^7 \,\right$$



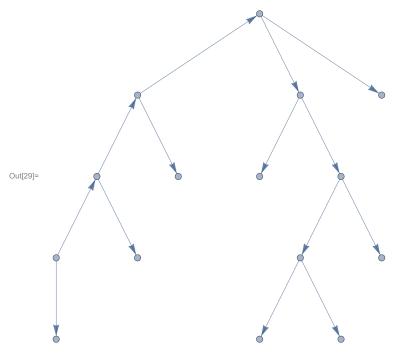
$$\text{Out} \text{[19]=} \quad \left\{ -\,x\,+\,x^3\,-\,G^5\,\,x^6\,+\,G\,\,\left(1\,-\,2\,\,x^2\,+\,x^4\,\right)\,+\,G^2\,\,\left(-\,x^3\,+\,x^5\,\right)\,+\,G^3\,\,\left(-\,x^4\,+\,x^6\,\right)\,+\,G^4\,\,\left(-\,x^5\,+\,x^7\,\right)\,\right\}$$



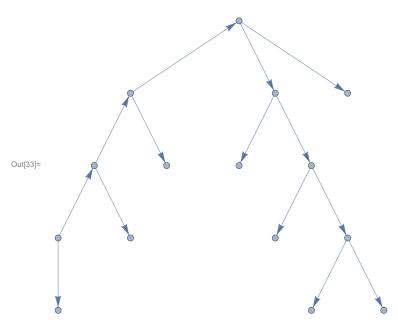
$$\text{Out} \text{[23]= } \left\{ -\,x \,+\, x^3 \,-\, G^5 \,\, x^6 \,+\, G \,\, \left(\,1 \,-\, 2\,\, x^2 \,+\, x^4 \,\right) \,\,+\, G^2 \,\, \left(\,-\,x^3 \,+\, x^5 \,\right) \,\,+\, G^3 \,\, \left(\,-\,x^4 \,+\, x^6 \,\right) \,\,+\, G^4 \,\, \left(\,-\,x^5 \,+\, x^7 \,\right) \,\, \right\}$$



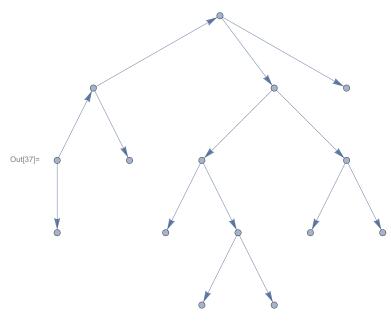
 $\text{Out} \text{[27]=} \quad \left\{ -\,x\,+\,x^3\,-\,G^5\,\,x^6\,+\,G\,\,\left(1\,-\,2\,\,x^2\,+\,x^4\,\right)\,+\,G^2\,\,\left(-\,x^3\,+\,x^5\,\right)\,+\,G^3\,\,\left(-\,x^4\,+\,x^6\,\right)\,+\,G^4\,\,\left(-\,x^5\,+\,x^7\,\right)\,\right\}$



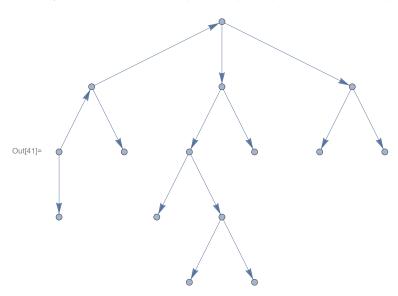
$$\text{Out} [\text{31}] = \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \,+\, G^2 \, \left(-\,2\,\, x^3 \,+\, 2\,\, x^5 \right) \,+\, G^3 \, \left(-\,x^4 \,+\, 2\,\, x^6 \right) \,+\, G^4 \, \left(-\,x^5 \,+\, x^7 \right) \, \right\} \right\} = \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \,+\, G^2 \, \left(-\,2\,\, x^3 \,+\, 2\,\, x^5 \right) \,+\, G^3 \, \left(-\,x^4 \,+\, 2\,\, x^6 \right) \right. \right\} = \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^3 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^3 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^3 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^4 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^4 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-$$



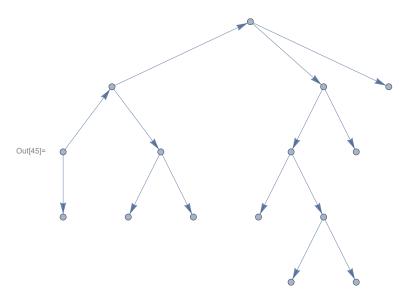
$$\text{Out} \text{ [35]= } \left\{ \, x^4 \, + \, G^5 \, \, x^5 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, x^5 \, \right) \, + \, G^4 \, \left(\, x^4 \, - \, 2 \, \, x^6 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 2 \, \, x^4 \, + \, x^6 \, \right) \, + \, G^3 \, \left(\, x^3 \, - \, 2 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



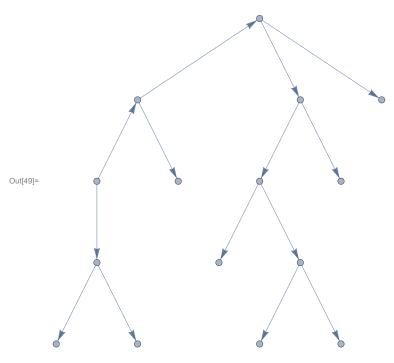
$$\text{Out[39]= } \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^4 \, \, x^5 \, + \, G^3 \, \, \left(\, x^4 \, - \, 2 \, \, x^6 \, \right) \, + \, G \, \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \, + \, G^2 \, \, \left(\, 2 \, \, x^3 \, - \, 2 \, \, x^5 \, + \, x^7 \, \right) \, \, \right\}$$



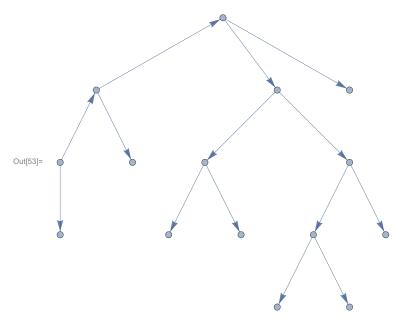
$$\begin{array}{l} \text{Out[43]=} & \left\{ -\,x\,+\,x^{3}\,-\,x^{7}\,+\,x^{9}\,+\,G^{4}\,\,\left(-\,x^{5}\,-\,x^{7}\right)\,+\,G^{3}\,\,\left(-\,x^{4}\,+\,3\,\,x^{8}\right)\,+\, \\ & G^{2}\,\,\left(-\,x^{3}\,+\,4\,\,x^{7}\,-\,3\,\,x^{9}\right)\,+\,G\,\,\left(1\,-\,2\,\,x^{2}\,+\,x^{4}\,+\,2\,\,x^{6}\,-\,4\,\,x^{8}\,+\,x^{10}\right)\,\right\} \end{array}$$



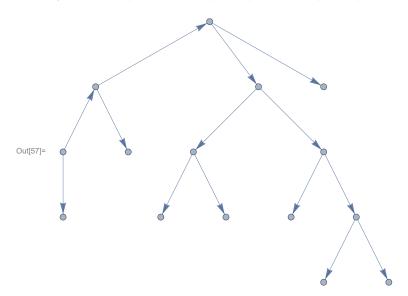
$$\begin{array}{l} \text{Out} [47] = \end{array} \left\{ \left. x - x^3 + x^5 - x^7 + x^9 - x^{11} + x^{13} - x^{15} + x^{17} + 6^5 \, \left(- x^8 - x^{10} - 2 \, x^{12} \right) \right. \\ \left. + G^3 \, \left(x^4 - 2 \, x^6 + 2 \, x^8 - 10 \, x^{10} + x^{12} - 16 \, x^{14} \right) \right. \\ \left. + G^2 \, \left(2 \, x^3 - 3 \, x^5 + 3 \, x^7 - 5 \, x^9 + 10 \, x^{11} - 5 \, x^{13} + 14 \, x^{15} \right) \right. \\ \left. + G \, \left(-1 + 2 \, x^2 - 3 \, x^4 + 3 \, x^6 - 3 \, x^8 + 4 \, x^{10} - 5 \, x^{12} + 4 \, x^{14} - 6 \, x^{16} \right) \right\} \end{array}$$



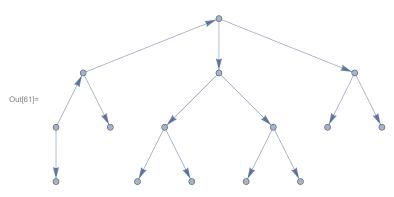
$$\begin{array}{l} \text{Out} [51] = & \left\{ \, x - x^3 + x^5 + x^{17} + x^{21} - G^8 \, x^{21} + x^{23} + x^{27} \, + \right. \\ & \left. G^7 \, \left(\, - x^{14} - x^{16} - 2 \, x^{2\theta} + 7 \, x^{22} \right) \, + G^6 \, \left(\, x^{11} + 6 \, x^{15} + 7 \, x^{17} + 13 \, x^{21} - 21 \, x^{23} \right) \, + \\ & \left. G^5 \, \left(\, - x^8 - x^{1\theta} - 6 \, x^{12} - 2 \, x^{14} - 17 \, x^{16} - 21 \, x^{18} - 36 \, x^{22} + 35 \, x^{24} \right) \, + \\ & \left. G^4 \, \left(\, x^5 + 5 \, x^9 + 4 \, x^{11} + 15 \, x^{13} + 7 \, x^{15} + 29 \, x^{17} + 35 \, x^{19} + 55 \, x^{23} - 35 \, x^{25} \right) \, + \\ & \left. G^3 \, \left(\, x^4 - 3 \, x^6 + 2 \, x^8 - 8 \, x^{1\theta} - 6 \, x^{12} - 20 \, x^{14} - 9 \, x^{16} - 31 \, x^{18} - 35 \, x^{2\theta} - 50 \, x^{24} + 21 \, x^{26} \right) \, + \\ & \left. G^2 \, \left(\, 2 \, x^3 - 2 \, x^5 + 3 \, x^7 - 3 \, x^9 + 5 \, x^{11} + 4 \, x^{13} + 15 \, x^{15} + 5 \, x^{17} + 20 \, x^{19} + 21 \, x^{21} + 27 \, x^{25} - 7 \, x^{27} \right) \, + \\ & \left. G \, \left(\, -1 + 2 \, x^2 - 3 \, x^4 + x^6 - x^8 + x^{1\theta} - x^{12} - x^{14} - 6 \, x^{16} - x^{18} - 7 \, x^{2\theta} - 7 \, x^{22} - 8 \, x^{26} + x^{28} \right) \, \right\} \end{array}$$



$$\text{Out} [\text{55}] = \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \,+\, G^2 \, \left(-\,2\,\, x^3 \,+\, 2\,\, x^5 \right) \,+\, G^3 \, \left(-\,x^4 \,+\, 2\,\, x^6 \right) \,+\, G^4 \, \left(-\,x^5 \,+\, x^7 \right) \, \right\} \right\} = \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \,+\, G^2 \, \left(-\,2\,\, x^3 \,+\, 2\,\, x^5 \right) \,+\, G^3 \, \left(-\,x^4 \,+\, 2\,\, x^6 \right) \right. \right\} = \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^3 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^3 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^3 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^4 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^4 \,+\, 2\,\, x^4 \right) \right. \right. \\ \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-$$

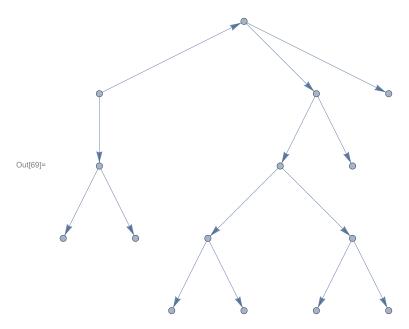


$$\text{Out[59]=} \quad \left\{ \, x^4 \, + \, G^5 \, \, x^5 \, + \, G \, \, \left(\, x \, - \, 3 \, \, x^3 \, + \, x^5 \, \right) \, + \, G^4 \, \, \left(\, x^4 \, - \, 2 \, \, x^6 \, \right) \, + \, G^2 \, \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 2 \, \, x^4 \, + \, x^6 \, \right) \, + \, G^3 \, \, \left(\, x^3 \, - \, 2 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$

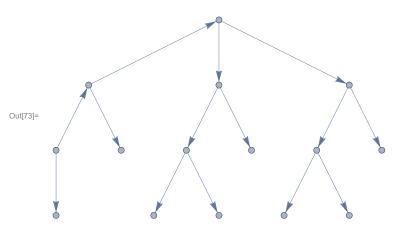


$$\text{Out[63]=} \left. \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^4 \, \, x^5 \, + \, G^3 \, \, \left(\, x^4 \, - \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G \, \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \, \left(\, 2 \, \, x^3 \, - \, 2 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, x^4 \, + \, x^4 \, + \, x^4 \, + \, x^4 \, \right) \right. \\$$

$$\begin{array}{ll} \text{Out} \text{[G7]=} & \left\{ -\,x\,+\,x^3\,-\,x^7\,+\,x^9\,+\,G^4\,\left(-\,x^5\,-\,x^7\right)\,+\,G^3\,\left(-\,x^4\,+\,3\,\,x^8\right)\,+\, \\ & G^2\,\left(-\,x^3\,+\,4\,\,x^7\,-\,3\,\,x^9\right)\,+\,G\,\left(1\,-\,2\,\,x^2\,+\,x^4\,+\,2\,\,x^6\,-\,4\,\,x^8\,+\,x^{10}\right)\,\right\} \end{array}$$

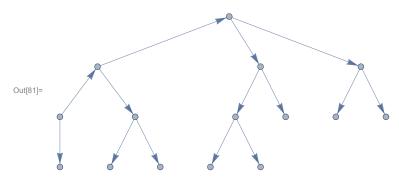


$$\begin{array}{l} \text{Out} [71] = \end{array} \left\{ \left. x - x^3 + x^5 - x^7 + x^9 - x^{11} + x^{13} - x^{15} + x^{17} + G^5 \, \left(- x^8 - x^{10} - 2 \, x^{12} \right) \right. \\ \left. + G^3 \, \left(x^4 - 2 \, x^6 + 2 \, x^8 - 10 \, x^{10} + x^{12} - 16 \, x^{14} \right) \right. \\ \left. + G^2 \, \left(2 \, x^3 - 3 \, x^5 + 3 \, x^7 - 5 \, x^9 + 10 \, x^{11} - 5 \, x^{13} + 14 \, x^{15} \right) \right. \\ \left. + G \, \left(-1 + 2 \, x^2 - 3 \, x^4 + 3 \, x^6 - 3 \, x^8 + 4 \, x^{10} - 5 \, x^{12} + 4 \, x^{14} - 6 \, x^{16} \right) \right\} \end{array}$$

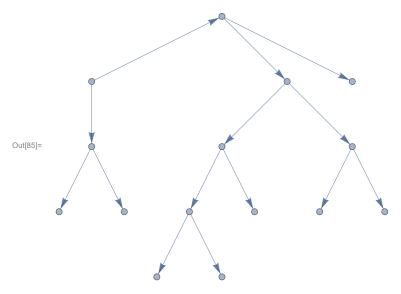


$$\text{Out} \text{[75]=} \quad \left\{ -\,x\,+\,x^3\,+\,G\,\,\left(1\,-\,2\,\,x^2\,+\,2\,\,x^4\right)\,\,+\,G^2\,\,\left(-\,2\,\,x^3\,+\,2\,\,x^5\right)\,\,+\,G^3\,\,\left(-\,x^4\,+\,2\,\,x^6\right)\,\,+\,G^4\,\,\left(-\,x^5\,+\,x^7\right)\,\right\}$$

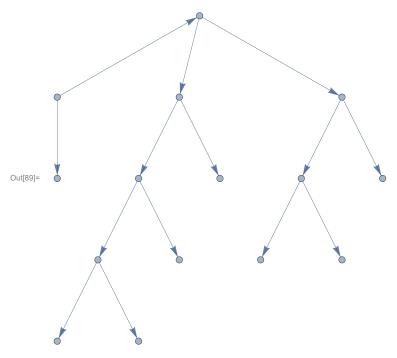
$$\text{Out} \text{[79]=} \quad \left\{ \, x^4 \, + \, G^5 \, \, x^5 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, x^5 \, \right) \, + \, G^4 \, \left(\, x^4 \, - \, 2 \, \, x^6 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 2 \, \, x^4 \, + \, x^6 \, \right) \, + \, G^3 \, \left(\, x^3 \, - \, 2 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



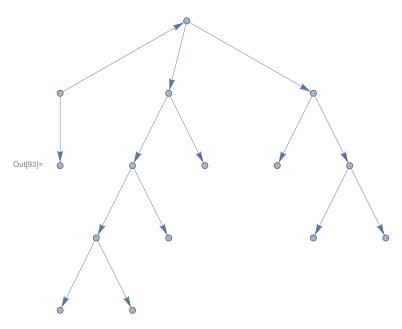
$$\text{Out[83]=} \quad \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^4 \, \, x^5 \, + \, G^3 \, \, \left(\, x^4 \, - \, 2 \, \, x^6 \, \right) \, + \, G \, \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \, + \, G^2 \, \, \left(\, 2 \, \, x^3 \, - \, 2 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



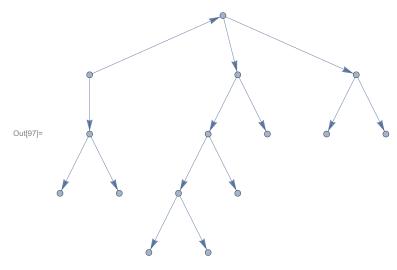
$$\begin{array}{ll} \text{Out[87]=} & \left\{ -\,x\,+\,x^3\,-\,x^7\,+\,x^9\,+\,G^4\,\left(-\,x^5\,-\,x^7\right)\,+\,G^3\,\left(-\,x^4\,+\,3\,\,x^8\right)\,\,+\, \\ & G^2\,\left(-\,x^3\,+\,4\,\,x^7\,-\,3\,\,x^9\right)\,+\,G\,\left(1\,-\,2\,\,x^2\,+\,x^4\,+\,2\,\,x^6\,-\,4\,\,x^8\,+\,x^{10}\right)\,\right\} \end{array}$$



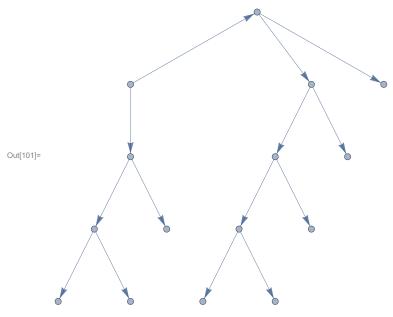
$$\text{Out} [\text{91}] = \left. \left\{ -\,x \,+\, x^3 \,+\, G\, \left(1\,-\,2\,\,x^2 \,+\,2\,\,x^4 \right) \right. \,+\, G^2\, \left(-\,2\,\,x^3 \,+\,2\,\,x^5 \right) \right. \,+\, G^3\, \left(-\,x^4 \,+\,2\,\,x^6 \right) \,+\, G^4\, \left(-\,x^5 \,+\,x^7 \right) \right\} \,.$$



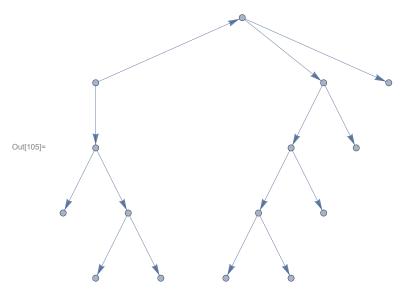
$$\text{Out} [95] = \left. \left\{ \, x^4 \, + \, G^5 \, \, x^5 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, \, x^6 \, \right) \right. \\ \left. \left. + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 2 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left. + \, G^3 \, \left(\, x^3 \, - \, 2 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. \left. \left(\, x^4 \, + \, G^5 \, \, x^5 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. \left. \left(\, x^4 \, - \, 2 \, \, x^6 \, \right) \right. \\ \left. \left. \left(\, x^4 \, + \, G^5 \, \, x^5 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. \left(\, x^4 \, + \, G^5 \, \, x^5 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. \left. \left(\, x^4 \, + \, G^5 \, \, x^5 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. \left(\, x^4 \, + \, G^5 \, \, x^5 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. \left(\, x^4 \, + \, G^5 \, \, x^5 \, + \, G \, \right) \right) \right. \\ \left. \left. \left. \left(\, x^4 \, + \, G^5 \, \, x^5 \, + \, G^5 \, \, x^5 \, + \, G^5 \, \left(\, x^4 \, + \, G^5 \, \, x^5 \, + \, G \, \right) \right) \right. \right. \right. \right. \\ \left. \left. \left(\, x^4 \, + \, x^4 \, + \, x^4 \, + \, G^5 \, \, x^5 \, + \, G^6 \, \left(\, x^4 \, + \, x^4 \, + \, G^6 \, \right) \right) \right. \right. \right. \right. \right. \right.$$



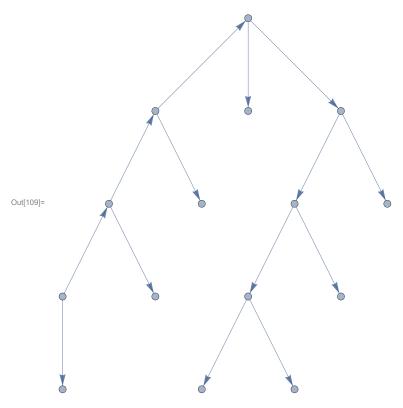
$$\text{Out[99]= } \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^4 \, \, x^5 \, + \, G^3 \, \, \left(\, x^4 \, - \, 2 \, \, x^6 \, \right) \, + \, G \, \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \, + \, G^2 \, \, \left(\, 2 \, \, x^3 \, - \, 2 \, \, x^5 \, + \, x^7 \, \right) \, \, \right\}$$



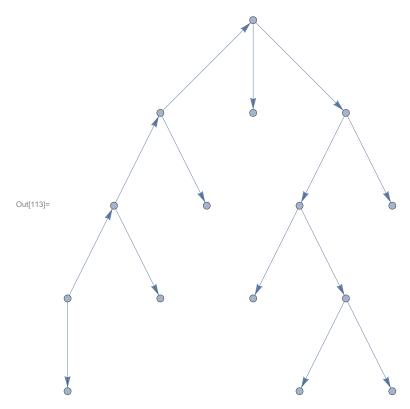
 $\text{Out[103]=} \left. \left\{ -\,x\,+\,x^{3}\,+\,G\,\,\left(1\,-\,2\,\,x^{2}\,+\,2\,\,x^{4}\,\right) \right. \\ \left. +\,G^{2}\,\,\left(-\,2\,\,x^{3}\,+\,2\,\,x^{5}\,\right) \right. \\ \left. +\,G^{3}\,\,\left(-\,x^{4}\,+\,2\,\,x^{6}\,\right) \right. \\ \left. +\,G^{4}\,\,\left(-\,x^{5}\,+\,x^{7}\,\right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(-\,x^{4}\,+\,2\,\,x^{6}\,\right) \right. \\ \left. \left(-\,x^{5}\,+\,x^{7}\,\right) \right. \\ \left. \left(-\,x^{5}\,+\,x^{7}\,+\,x^{7}\,\right) \right. \\ \left. \left(-\,x^{5}\,+\,x^{7}\,+\,x^$



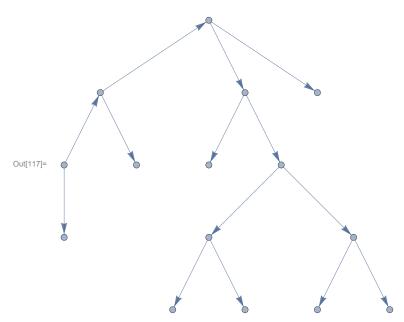
$$\text{Out[107]=} \quad \left\{ -\,x\,+\,x^{3}\,+\,G\,\,\left(\,1\,-\,2\,\,x^{2}\,+\,2\,\,x^{4}\,\right) \,+\,G^{2}\,\,\left(\,-\,2\,\,x^{3}\,+\,2\,\,x^{5}\,\right) \,+\,G^{3}\,\,\left(\,-\,x^{4}\,+\,2\,\,x^{6}\,\right) \,+\,G^{4}\,\,\left(\,-\,x^{5}\,+\,x^{7}\,\right) \,\right\}$$



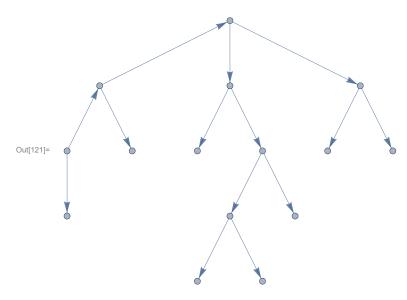
$$\text{Out[111]=} \quad \left\{ -\,x \,+\, x^{3} \,+\, G^{4}\,\, x^{7} \,+\, G\,\, \left(\,1 \,-\, 2\,\, x^{2} \,+\, 2\,\, x^{4} \,\right) \,\,+\, G^{2}\,\, \left(\,-\, 2\,\, x^{3} \,+\, 3\,\, x^{5} \,\right) \,\,+\, G^{3}\,\, \left(\,-\, 2\,\, x^{4} \,+\, 2\,\, x^{6} \,\right) \,\, \right\}$$



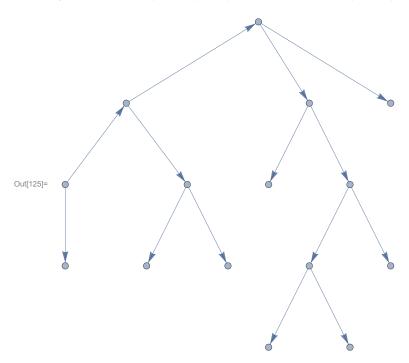
$$\text{Out[115]= } \left\{ x^4 + G \, \left(x - 3 \, x^3 + 2 \, x^5 \right) \, + \, G^4 \, \left(x^4 - x^6 \right) \, + \, G^2 \, \left(-1 + 3 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \, + \, G^3 \, \left(2 \, x^3 - 3 \, x^5 + x^7 \right) \, \right\}$$

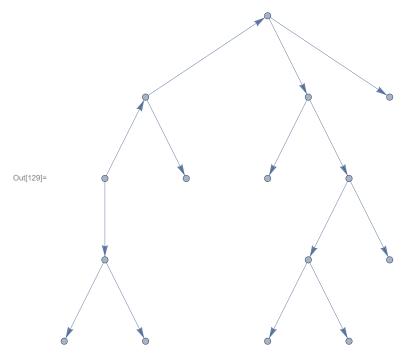


$$\text{Out} [\text{119}] = \left. \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 2 \, \, x^5 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, 2 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left. \left(\, x^4 \, + \, G \, \left(\, x^4 \, + \, G \, \left(\, x^4 \, - \, x^6 \, \right) \right) \right. \\ \left. \left(\, x^4 \, + \, G \, \right) \right) \right) \right) \right) \right) \right. \right. \right] \right. \right.$$

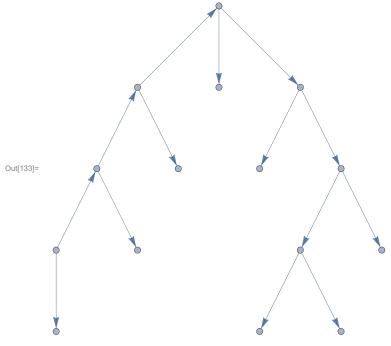


$$\text{Out} [\text{123}] = \ \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \, + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 4 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$

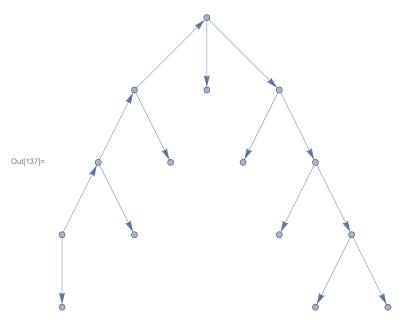




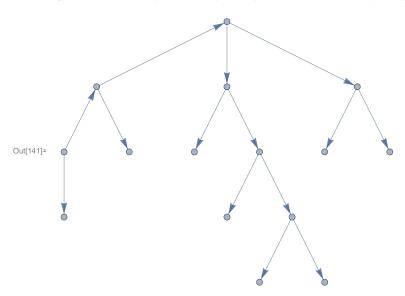
$$\begin{array}{l} \text{Out[131]=} & \left\{ -\,x\,+\,x^{3}\,-\,x^{5}\,+\,x^{7}\,-\,x^{9}\,+\,x^{11}\,+\,x^{15}\,+\,G\,\left(1\,-\,2\,\,x^{2}\,+\,4\,\,x^{4}\,-\,4\,\,x^{6}\,+\,5\,\,x^{8}\,-\,8\,\,x^{10}\,+\,3\,\,x^{12}\,-\,5\,\,x^{14}\,+\,5\,\,x^{16}\right)\,+\, \\ & G^{2}\,\left(-\,3\,\,x^{3}\,+\,5\,\,x^{5}\,-\,6\,\,x^{7}\,+\,16\,\,x^{9}\,-\,15\,\,x^{11}\,+\,12\,\,x^{13}\,-\,20\,\,x^{15}\,+\,10\,\,x^{17}\right)\,+\, \\ & G^{3}\,\left(-\,x^{4}\,+\,2\,\,x^{6}\,-\,9\,\,x^{8}\,+\,18\,\,x^{10}\,-\,17\,\,x^{12}\,+\,28\,\,x^{14}\,-\,30\,\,x^{16}\,+\,10\,\,x^{18}\right)\,+\, \\ & G^{4}\,\left(\,x^{7}\,-\,5\,\,x^{9}\,+\,8\,\,x^{11}\,-\,16\,\,x^{13}\,+\,27\,\,x^{15}\,-\,20\,\,x^{17}\,+\,5\,\,x^{19}\right)\,+\,G^{5}\,\left(\,2\,\,x^{12}\,-\,7\,\,x^{14}\,+\,9\,\,x^{16}\,-\,5\,\,x^{18}\,+\,x^{20}\right)\,\,\right\} \end{array}$$



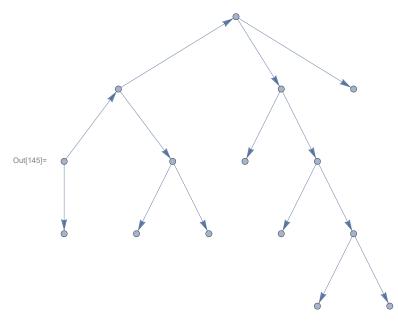
$$\text{Out} [\text{135}] = \left. \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 2 \, \, x^5 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, 2 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. \left. \left(\, x^4 \, + \, G \, \left(\, x^4 \, - \, x^6 \, \right) \right) \right. \\ \left. \left(\, x^4 \, + \, G \, \left(\, x^4 \, + \, G \, \left(\, x^4 \, - \, x^6 \, \right) \right) \right. \\ \left. \left(\, x^4 \, + \, G \, \left(\, x^4 \, + \, G \, \left(\, x^4 \, - \, x^6 \, \right) \right) \right. \\ \left. \left(\, x^4 \, + \, G \, \left(\, x^4 \, + \, G \, \left(\, x^4 \, - \, x^6 \, \right) \right) \right. \\ \left. \left(\, x^4 \, + \, G \, \left(\, x^4 \, + \, G \, \left(\, x^4 \, + \, G \, \left(\, x^4 \, - \, x^6 \, \right) \right) \right. \\ \left. \left(\, x^4 \, + \, G \, \left(\, x^4 \, + \, G \, \left(\, x^4 \, - \, x^6 \, \right) \right) \right. \\ \left. \left(\, x^4 \, + \, G \, \left(\, x^4 \, + \, G \, \left(\, x^4 \, - \, x^6 \, \right) \right) \right. \\ \left. \left(\, x^4 \, + \, G \, \left(\, x^4 \, + \, G \, \left(\, x^4 \, + \, G \, \left(\, x^4 \, - \, x^6 \, \right) \right) \right. \\ \left. \left(\, x^4 \, + \, G \, \left(\, x^4 \, + \, G \, \left(\, x^4 \, - \, x^6 \, \right) \right) \right. \\ \left. \left(\, x^4 \, + \, G \, \left(\, x^4 \, + \, G \, \left(\, x^4 \, - \, x^6 \, \right) \right) \right. \\ \left. \left(\, x^4 \, + \, G \, \left(\, x^4 \, + \, G \, \left(\, x^4 \, + \, x^6 \, \right) \right) \right. \\ \left. \left(\, x^4 \, + \, G \, \left(\, x^4 \, + \, G \, \left(\, x^4 \, + \, x^6 \, \right) \right) \right. \\ \left. \left(\, x^4 \, + \, G \, \left(\, x^4 \, + \, G \, \left(\, x^4 \, + \, x^6 \, \right) \right) \right. \\ \left. \left(\, x^4 \, + \, G \, \left(\, x^4 \, + \, G \, \left(\, x^4 \, + \, x^6 \, \right) \right) \right. \\ \left. \left(\, x^4 \, + \, G \, \left(\, x^4 \, + \, G \, \left(\, x^4 \, + \, x^6 \, \right) \right) \right. \\ \left. \left(\, x^4 \, + \, G \, \left(\, x^4 \, + \, G \, \left(\, x^4 \, + \, x^6 \, \right) \right) \right. \\ \left. \left(\, x^4 \, + \, G \, \left(\, x^4 \, + \, x^6 \, \right) \right) \right. \\ \left. \left(\, x^4 \, + \, G \, \left(\, x^4 \, + \, x^6 \, \right) \right) \right. \\ \left. \left(\, x^4 \, + \, G \, \left(\, x^4 \, + \, x^6 \, \right) \right) \right. \\ \left. \left(\, x^4 \, + \, G \, \left(\, x^4 \, + \, x^6 \, \right) \right) \right. \\ \left. \left(\, x^4 \, + \, G \, \left(\, x^4 \, + \, x^6 \, \right) \right) \right. \\ \left. \left(\, x^4 \, + \, G \, \left(\, x^4 \, + \, x^6 \, \right) \right) \right. \\ \left. \left(\, x^4 \, + \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, x^4 \, + \, x^4 \, + \, x^4 \, + \, x^4 \, \right) \right. \\ \left. \left(\, x^4 \, + \, x^4 \, + \, x^4 \, + \, x^4 \, + \, x^4 \, \right) \right. \\ \left. \left(\, x^4 \, + \, x^4 \, + \, x^4 \, + \, x^4 \, + \, x^4 \, \right) \right. \\ \left. \left(\, x^4 \, + \, x^4 \, + \, x^4 \, +$$



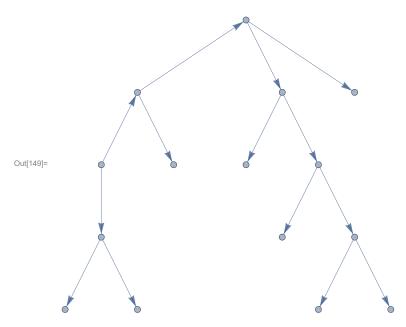
$$\text{Out} \text{[139]=} \quad \left\{ -\,G^5\,\,x^4\,+\,x^5\,+\,G^4\,\,\left(-\,x^3\,+\,3\,\,x^5\right)\,+\,G^3\,\,\left(1\,-\,4\,\,x^2\,+\,3\,\,x^4\,-\,3\,\,x^6\right) \right. \\ \left. +\,G\,\,\left(-\,4\,\,x^4\,+\,x^6\right)\,+\,G^2\,\,\left(-\,x\,+\,6\,\,x^3\,-\,3\,\,x^5\,+\,x^7\right) \right\} \\ \left. +\,G^2\,\,\left(-\,x\,+\,6\,\,x^3\,+\,3\,\,x^5\right)\,+\,G^3\,\,\left(1\,-\,4\,\,x^2\,+\,3\,\,x^4\,-\,3\,\,x^6\right) \right. \\ \left. +\,G^2\,\,\left(-\,x\,+\,6\,\,x^3\,+\,3\,\,x^5\right) \right. \\ \left. +\,G^2\,\,\left(-\,x\,+\,6\,\,x^4\,+\,3\,\,x^5\right) \right. \\ \left. +\,G^2\,\,\left(-\,x\,+\,6\,\,x^4\,+\,x^5\right) \right. \\ \left. +\,G^2\,\,\left(-\,x\,+\,6\,\,x^5\right) \right. \\$$



$$\text{Out} [\text{143}] = \left. \left\{ -\,x^4\,-\,G^4\,\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,2\,\,x^3\,+\,3\,\,x^5 \right) \right. \\ \left. +\,G^2\,\,\left(1\,-\,3\,\,x^2\,+\,5\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. +\,G\,\,\left(-\,x\,+\,3\,\,x^3\,-\,4\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(-\,x\,+\,3\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. \left(-\,x\,+\,3\,\,x^4\,-\,4\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left(-\,x\,+\,3\,\,x^4\,-\,x^4\,+\,x^5\,+\,x^7 \right) \right. \\ \left. \left(-\,x\,+\,x^4\,-\,x^4\,+\,x^5\,+\,x^7 \right) \right. \\ \left. \left(-\,x\,+\,x^4\,-\,x^4\,+\,x^4\,+\,x^5\,+\,x^7 \right) \right. \\ \left. \left(-\,x\,+\,x^4\,-\,x^4\,+\,x^4\,$$

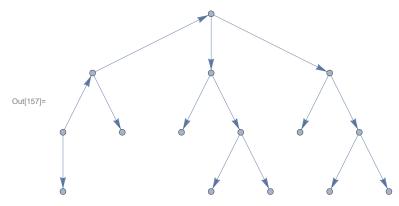


$$\begin{array}{l} \text{Out} [147] = \end{array} \left\{ -\,x^9\,+\,x^{11}\,+\,G^5\,\left(-\,x^4\,-\,2\,\,x^6\,\right)\,+\,G^4\,\left(-\,x^3\,+\,9\,\,x^7\right)\,+\, \\ \qquad \qquad G^3\,\left(1\,-\,3\,\,x^2\,+\,2\,\,x^4\,+\,6\,\,x^6\,-\,16\,\,x^8\right)\,+\,G^2\,\left(-\,x\,+\,3\,\,x^3\,-\,x^5\,-\,9\,\,x^7\,+\,14\,\,x^9\right)\,+\,G\,\left(-\,x^4\,+\,5\,\,x^8\,-\,6\,\,x^{10}\right)\,\right\} \end{array}$$

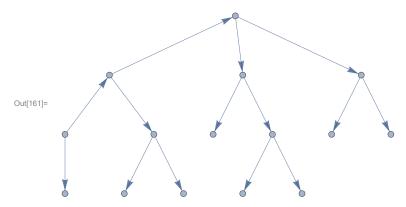


$$\begin{array}{l} \text{Out} \text{[151]=} & \left\{ -\,x\,+\,x^{3}\,-\,x^{5}\,+\,x^{7}\,-\,x^{9}\,+\,x^{11}\,+\,x^{15}\,+\,G\,\left(1\,-\,2\,\,x^{2}\,+\,4\,\,x^{4}\,-\,4\,\,x^{6}\,+\,5\,\,x^{8}\,-\,8\,\,x^{10}\,+\,3\,\,x^{12}\,-\,5\,\,x^{14}\,+\,5\,\,x^{16}\right)\,+\, \\ & G^{2}\,\left(-\,3\,\,x^{3}\,+\,5\,\,x^{5}\,-\,6\,\,x^{7}\,+\,16\,\,x^{9}\,-\,15\,\,x^{11}\,+\,12\,\,x^{13}\,-\,20\,\,x^{15}\,+\,10\,\,x^{17}\right)\,+\, \\ & G^{3}\,\left(-\,x^{4}\,+\,2\,\,x^{6}\,-\,9\,\,x^{8}\,+\,18\,\,x^{10}\,-\,17\,\,x^{12}\,+\,28\,\,x^{14}\,-\,30\,\,x^{16}\,+\,10\,\,x^{18}\right)\,+\, \\ & G^{4}\,\left(\,x^{7}\,-\,5\,\,x^{9}\,+\,8\,\,x^{11}\,-\,16\,\,x^{13}\,+\,27\,\,x^{15}\,-\,20\,\,x^{17}\,+\,5\,\,x^{19}\right)\,+\,G^{5}\,\left(\,2\,\,x^{12}\,-\,7\,\,x^{14}\,+\,9\,\,x^{16}\,-\,5\,\,x^{18}\,+\,x^{20}\right)\,\right\} \end{array}$$

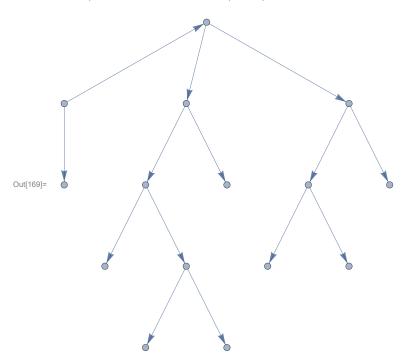
$$\text{Out[155]=} \quad \left\{ \, x \, - \, x^{3} \, + \, x^{5} \, + \, G^{3} \, \left(\, x^{4} \, - \, x^{6} \, \right) \, + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^{2} \, - \, 4 \, \, x^{4} \, + \, 2 \, \, x^{6} \, \right) \, + \, G^{2} \, \left(\, 3 \, \, x^{3} \, - \, 4 \, \, x^{5} \, + \, x^{7} \, \right) \, \right\}$$

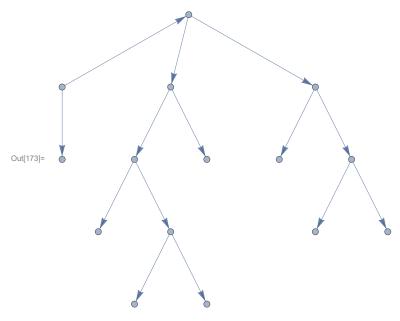


$$\text{Out[159]=} \quad \left\{ -\,x^4\,-\,G^4\,\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,2\,\,x^3\,+\,3\,\,x^5\,\right) \right. \\ \left. +\,G^2\,\,\left(1\,-\,3\,\,x^2\,+\,5\,\,x^4\,-\,3\,\,x^6\,\right) \right. \\ \left. +\,G\,\,\left(-\,x\,+\,3\,\,x^3\,-\,4\,\,x^5\,+\,x^7\,\right) \right. \\ \left. +\,G^2\,\,\left(1\,-\,3\,\,x^2\,+\,5\,\,x^4\,-\,3\,\,x^6\,\right) \right. \\ \left. +\,G^2\,\,\left(1\,-\,3\,\,x^2\,+\,5\,\,x^4\,-\,3\,\,x^6\,\right) \right. \\ \left. +\,G^2\,\,\left(1\,-\,3\,\,x^2\,+\,5\,\,x^4\,-\,3\,\,x^6\,\right) \right. \\ \left. +\,G^2\,\,\left(1\,-\,3\,\,x^4\,+\,x^4\,+\,x^6\,+\,x^6\,+\,x^7$$

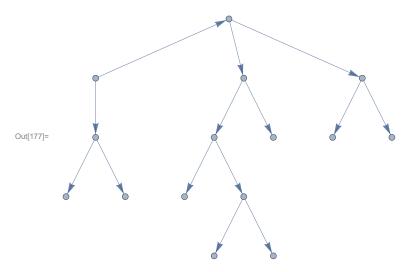


$$\text{Out[163]=} \left. \left\{ -\,x\,+\,x^3\,-\,2\,\,G^3\,\,x^4\,-\,x^5\,+\,x^7\,+\,G^2\,\,\left(\,-\,2\,\,x^3\,+\,5\,\,x^5 \right) \right. \right. \\ \left. +\,G\,\,\left(\,1\,-\,2\,\,x^2\,+\,3\,\,x^4\,-\,4\,\,x^6 \right) \, \left. \right\} \right. \\ \left. \left. \left(\,1\,-\,2\,\,x^2\,+\,3\,\,x^4\,-\,x^5\,+\,x^7\,+\,G^2\,\,\left(\,-\,2\,\,x^3\,+\,5\,\,x^5 \right) \right. \right. \\ \left. \left(\,1\,-\,2\,\,x^2\,+\,3\,\,x^4\,-\,x^5\,+\,x^7\,+\,G^2\,\,\left(\,-\,2\,\,x^3\,+\,5\,\,x^5 \right) \right. \\ \left. \left(\,1\,-\,2\,\,x^2\,+\,3\,\,x^4\,-\,x^5\,+\,x^7\,+$$

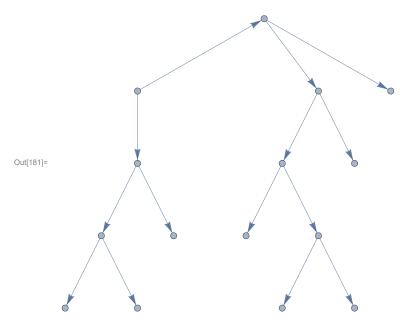




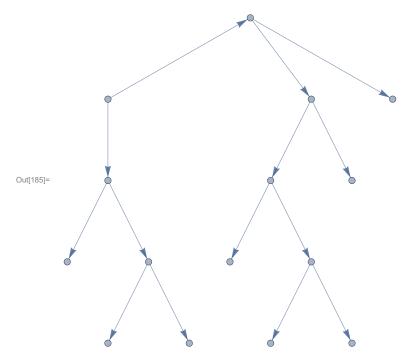
$$\begin{array}{l} \text{Out[175]=} & \left\{ -\,x^9\,+\,x^{11}\,+\,G^5\,\left(-\,x^4\,-\,2\,\,x^6\,\right)\,+\,G^4\,\left(-\,x^3\,+\,9\,\,x^7\right)\,+\, \\ & G^3\,\left(\,1\,-\,3\,\,x^2\,+\,2\,\,x^4\,+\,6\,\,x^6\,-\,16\,\,x^8\,\right)\,+\,G^2\,\left(-\,x\,+\,3\,\,x^3\,-\,x^5\,-\,9\,\,x^7\,+\,14\,\,x^9\right)\,+\,G\,\left(-\,x^4\,+\,5\,\,x^8\,-\,6\,\,x^{10}\right)\,\right\} \end{array}$$



$$\begin{array}{ll} \text{Out} [179] = & \left\{ \, -\, x \, + \, x^3 \, - \, x^5 \, - \, G^4 \, \, x^7 \, + \, x^9 \, + \, G^3 \, \, \left(\, -\, x^4 \, - \, 2 \, \, x^6 \, + \, 3 \, \, x^8 \, \right) \, + \\ & \quad G^2 \, \, \left(\, -\, 2 \, \, x^3 \, + \, 2 \, \, x^5 \, + \, 5 \, \, x^7 \, - \, 3 \, \, x^9 \, \right) \, + \, G \, \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 3 \, \, x^4 \, - \, x^6 \, - \, 4 \, \, x^8 \, + \, x^{10} \, \right) \, \right\}$$

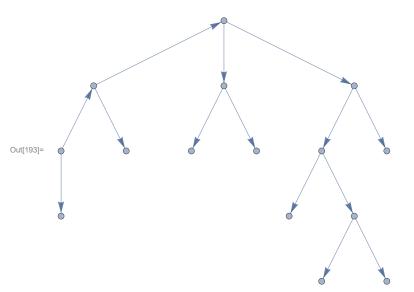


$$\begin{array}{l} \text{Out[183]=} & \left\{ -\,x\,+\,x^{3}\,-\,x^{5}\,+\,x^{7}\,-\,x^{9}\,+\,x^{11}\,+\,x^{15}\,+\,G\,\left(1\,-\,2\,\,x^{2}\,+\,4\,\,x^{4}\,-\,4\,\,x^{6}\,+\,5\,\,x^{8}\,-\,8\,\,x^{10}\,+\,3\,\,x^{12}\,-\,5\,\,x^{14}\,+\,5\,\,x^{16}\right)\,+\,G^{2}\,\left(-\,3\,\,x^{3}\,+\,5\,\,x^{5}\,-\,6\,\,x^{7}\,+\,16\,\,x^{9}\,-\,15\,\,x^{11}\,+\,12\,\,x^{13}\,-\,20\,\,x^{15}\,+\,10\,\,x^{17}\right)\,+\,G^{3}\,\left(-\,x^{4}\,+\,2\,\,x^{6}\,-\,9\,\,x^{8}\,+\,18\,\,x^{10}\,-\,17\,\,x^{12}\,+\,28\,\,x^{14}\,-\,30\,\,x^{16}\,+\,10\,\,x^{18}\right)\,+\,G^{4}\,\left(\,x^{7}\,-\,5\,\,x^{9}\,+\,8\,\,x^{11}\,-\,16\,\,x^{13}\,+\,27\,\,x^{15}\,-\,20\,\,x^{17}\,+\,5\,\,x^{19}\right)\,+\,G^{5}\,\left(\,2\,\,x^{12}\,-\,7\,\,x^{14}\,+\,9\,\,x^{16}\,-\,5\,\,x^{18}\,+\,x^{20}\right)\,\,\right\} \end{array}$$

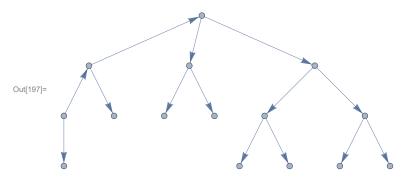


$$\begin{array}{l} \text{Out} \text{[187]=} & \left\{ -\,x\,+\,x^{3}\,-\,x^{5}\,+\,x^{7}\,-\,x^{9}\,+\,x^{11}\,+\,x^{15}\,+\,G\,\left(1\,-\,2\,\,x^{2}\,+\,4\,\,x^{4}\,-\,4\,\,x^{6}\,+\,5\,\,x^{8}\,-\,8\,\,x^{10}\,+\,3\,\,x^{12}\,-\,5\,\,x^{14}\,+\,5\,\,x^{16}\,\right) \,+\,\\ & G^{2}\,\left(\,-\,3\,\,x^{3}\,+\,5\,\,x^{5}\,-\,6\,\,x^{7}\,+\,16\,\,x^{9}\,-\,15\,\,x^{11}\,+\,12\,\,x^{13}\,-\,20\,\,x^{15}\,+\,10\,\,x^{17}\,\right) \,+\,\\ & G^{3}\,\left(\,-\,x^{4}\,+\,2\,\,x^{6}\,-\,9\,\,x^{8}\,+\,18\,\,x^{10}\,-\,17\,\,x^{12}\,+\,28\,\,x^{14}\,-\,30\,\,x^{16}\,+\,10\,\,x^{18}\,\right) \,+\,\\ & G^{4}\,\left(\,x^{7}\,-\,5\,\,x^{9}\,+\,8\,\,x^{11}\,-\,16\,\,x^{13}\,+\,27\,\,x^{15}\,-\,20\,\,x^{17}\,+\,5\,\,x^{19}\,\right) \,+\,G^{5}\,\left(\,2\,\,x^{12}\,-\,7\,\,x^{14}\,+\,9\,\,x^{16}\,-\,5\,\,x^{18}\,+\,x^{20}\,\right) \,\right\} \end{array}$$

$$\text{Out[191]=} \quad \left\{ -\,x\,+\,x^{3}\,+\,G^{4}\,\,x^{7}\,+\,G\,\,\left(1\,-\,2\,\,x^{2}\,+\,2\,\,x^{4}\right)\,\,+\,G^{2}\,\,\left(\,-\,2\,\,x^{3}\,+\,3\,\,x^{5}\right)\,\,+\,G^{3}\,\,\left(\,-\,2\,\,x^{4}\,+\,2\,\,x^{6}\right)\,\right\}$$

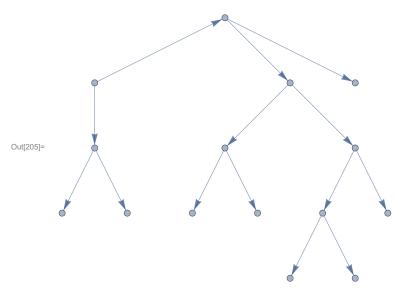


$$\text{Out[195]=} \quad \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 2 \, \, x^5 \, \right) \, + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^3 \, \left(\, 2 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$

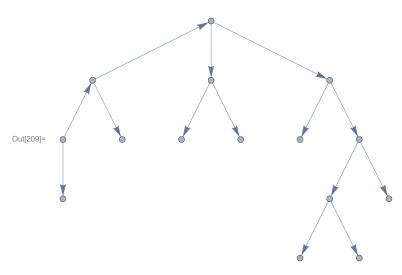


$$\text{Out[199]= } \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 2 \, \, x^5 \, \right) \, + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^3 \, \left(\, 2 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$

$$\text{Out} [203] = \left. \left\{ x - x^3 + x^5 + G^3 \, \left(x^4 - x^6 \right) \right. \\ \left. + \, G \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, G^2 \, \left(3 \, x^3 - 4 \, x^5 + x^7 \right) \right. \right\} \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^4 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^4 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \,$$

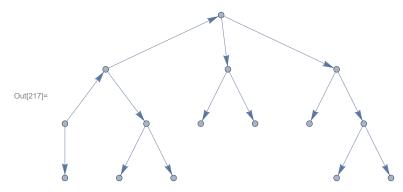


$$\begin{array}{l} \text{Out} [207] = & \left\{ \, -\,x \, +\, x^{3} \, -\, x^{7} \, +\, x^{9} \, +\, G^{3} \, \left(\, -\, x^{4} \, -\, 2\,\, x^{6} \, +\, 5\,\, x^{8} \, -\, 2\,\, x^{10} \, \right) \, + \\ & G \, \left(\, 1 \, -\, 2\,\, x^{2} \, +\, 2\,\, x^{4} \, +\, 2\,\, x^{6} \, -\, 6\,\, x^{8} \, +\, 2\,\, x^{10} \, \right) \, +\, G^{2} \, \left(\, -\, 2\,\, x^{3} \, +\, x^{5} \, +\, 8\,\, x^{7} \, -\, 7\,\, x^{9} \, +\, x^{11} \right) \, \right\}$$

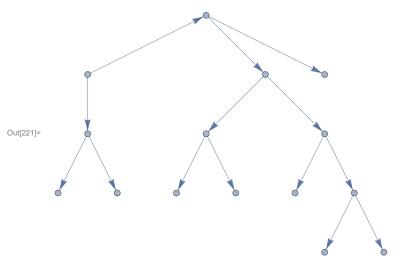


$$\text{Out} \text{[211]=} \quad \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 2 \, \, x^5 \, \right) \, + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^3 \, \left(\, 2 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$

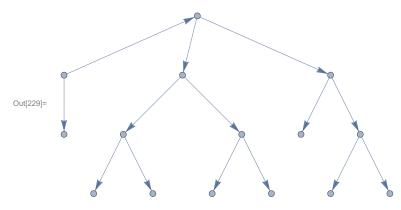
$$\text{Out} [215] = \left. \left\{ -\,G^5\,\,x^4\,+\,x^5\,+\,G^4\,\, \left(-\,x^3\,+\,3\,\,x^5 \right) \right. \\ \left. +\,G^3\,\, \left(1\,-\,4\,\,x^2\,+\,3\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. +\,G\,\, \left(-\,4\,\,x^4\,+\,x^6 \right) \right. \\ \left. +\,G^2\,\, \left(-\,x\,+\,6\,\,x^3\,-\,3\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left. +\,G^2\,\,\left(-\,x^4\,+\,x^5\,+\,G^4\,\,\left(-\,x^3\,+\,3\,\,x^5 \right) \right) \right. \\ \left. \left. +\,G^3\,\,\left(1\,-\,4\,\,x^2\,+\,3\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. \left. +\,G^3\,\,\left(1\,-\,4\,\,x^4\,+\,x^6 \right) \right. \\ \left. \left. \left(-\,4\,\,x^4\,+\,x^6 \right) \right. \\ \left. \left(-\,4\,\,x^4 \right$$



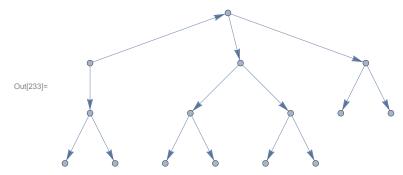
$$\text{Out} [219] = \left. \left\{ -\,x^4\,-\,G^4\,\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,2\,\,x^3\,+\,3\,\,x^5 \right) \right. \\ \left. +\,G^2\,\,\left(1\,-\,3\,\,x^2\,+\,5\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. +\,G\,\,\left(-\,x\,+\,3\,\,x^3\,-\,4\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left\{ -\,x^4\,-\,G^4\,\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,2\,\,x^3\,+\,3\,\,x^5 \right) \right. \\ \left. \left(-\,x^4\,-\,3\,\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,x^4\,+\,x^6\,+\,G^3\,\,x^4\,+\,x^6$$



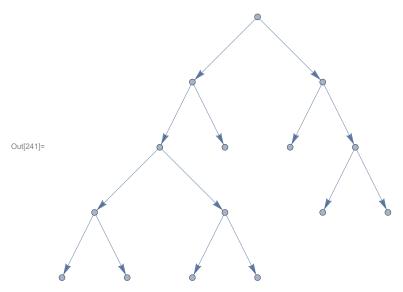
$$\text{Out} [227] = \left. \left\{ x - x^3 + x^5 + G^3 \, \left(x^4 - x^6 \right) \right. \\ \left. + \, G \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, G^2 \, \left(3 \, x^3 - 4 \, x^5 + x^7 \right) \right. \right\} \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(-1 + 2 \, x^4 + 2 \, x^4 + 2 \, x^4 \right) \right] \right. \\ \left. + \, \left(-1 + 2 \, x^4 + 2 \,$$



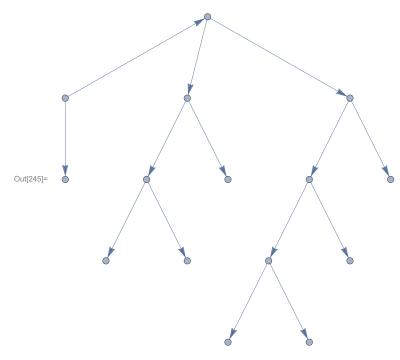
$$\text{Out} \text{[231]=} \quad \left\{ -\,x^4\,-\,G^4\,\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,2\,\,x^3\,+\,3\,\,x^5\,\right) \right. \\ \left. +\,G^2\,\,\left(1\,-\,3\,\,x^2\,+\,5\,\,x^4\,-\,3\,\,x^6\,\right) \right. \\ \left. +\,G\,\,\left(-\,x\,+\,3\,\,x^3\,-\,4\,\,x^5\,+\,x^7\,\right) \right. \\ \left. +\,G^2\,\,\left(1\,-\,3\,\,x^2\,+\,5\,\,x^4\,-\,3\,\,x^6\,\right) \right. \\ \left. +\,G^2\,\,\left(-\,x\,+\,3\,\,x^4\,+\,x^6\,+\,G^3\,\,x^4\,+\,x^6\,+\,G^3\,\,x^4\,+\,x^6\,+\,x^7\,\right) \right. \\ \left. +\,G^2\,\,\left(1\,-\,3\,\,x^2\,+\,5\,\,x^4\,-\,3\,\,x^6\,\right) \right. \\ \left. +\,G^2\,\,\left(-\,x\,+\,3\,\,x^4\,+\,x^6\,+\,G^3\,\,x^4\,+\,x^6\,+\,x^7\,+\,x^7\,\right) \right. \\ \left. +\,G^2\,\,\left(-\,x\,+\,3\,\,x^4\,+\,x^6\,+\,x^6\,+\,x^7\,+\,x$$



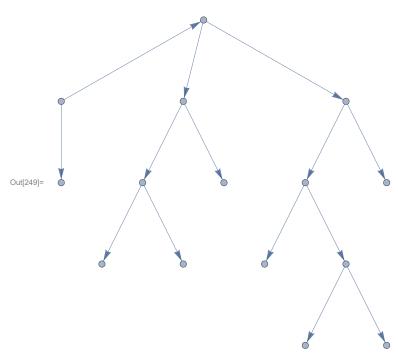
$$\text{Out} \text{[235]=} \quad \left\{ -\,x\,+\,x^{3}\,-\,2\,\,G^{3}\,\,x^{4}\,-\,x^{5}\,+\,x^{7}\,+\,G^{2}\,\,\left(\,-\,2\,\,x^{3}\,+\,5\,\,x^{5}\,\right) \right. \\ \left. +\,G\,\,\left(\,1\,-\,2\,\,x^{2}\,+\,3\,\,x^{4}\,-\,4\,\,x^{6}\,\right) \,\right\} \\ \left. +\,G\,\,\left(\,1\,-\,2\,\,x^{2}\,+\,3\,\,x^{6}\,+\,3\,\,x^{6}\,+\,3\,\,x^{6}\,+\,3\,\,x^{6}\,+\,3\,\,x^{6}\,+\,3\,\,x^{6}\,+\,3\,\,x^{6}\,+\,3\,\,x^{6}\,+\,3\,\,x^{6}\,+\,3\,\,x^{6}\,+\,3\,\,x^{6}\,+\,3\,\,x^{6}\,+\,3\,\,x^{6}\,+\,3\,\,x^{6}\,+\,3\,\,x^{6}\,+\,3\,\,x^{6}\,+\,3\,\,x^{6}\,+\,3\,\,x^{6}\,+\,3\,\,x^$$



$$\begin{array}{l} \text{Out} [243] = & \left\{ \, -\, x \, + \, x^{3} \, - \, x^{7} \, + \, x^{9} \, + \, G^{3} \, \left(\, -\, x^{4} \, - \, 2 \, \, x^{6} \, + \, 5 \, \, x^{8} \, - \, 2 \, \, x^{10} \, \right) \, + \\ & G \, \left(\, 1 \, - \, 2 \, \, x^{2} \, + \, 2 \, \, x^{4} \, + \, 2 \, \, x^{6} \, - \, 6 \, \, x^{8} \, + \, 2 \, \, x^{10} \, \right) \, + \, G^{2} \, \left(\, -\, 2 \, \, x^{3} \, + \, x^{5} \, + \, 8 \, \, x^{7} \, - \, 7 \, \, x^{9} \, + \, x^{11} \, \right) \, \right\}$$

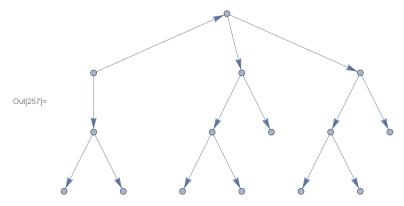


$$\text{Out}[247] = \left. \left\{ -\,x\,+\,x^{3}\,+\,G^{4}\,\,x^{7}\,+\,G\,\,\left(1\,-\,2\,\,x^{2}\,+\,2\,\,x^{4} \right) \right. \\ \left. +\,G^{2}\,\,\left(-\,2\,\,x^{3}\,+\,3\,\,x^{5} \right) \right. \\ \left. +\,G^{3}\,\,\left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right] \right. \\ \left. \left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right. \\ \left. \left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right] \right. \\ \left. \left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right] \right. \\ \left. \left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right] \right. \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right. \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right] \right. \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right. \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right. \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right. \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right. \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right. \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right. \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right. \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,$$

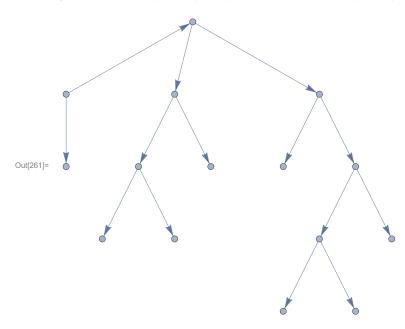


$$\text{Out} [251] = \left. \left\{ x - x^3 + x^5 + G^3 \, \left(x^4 - 2 \, x^6 \right) \right. \\ \left. + \, G \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, G^2 \, \left(3 \, x^3 - 3 \, x^5 + x^7 \right) \right. \right\} \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right] \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right] \right. \\ \left. + \, \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right] \right. \\ \left. + \, \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right] \\ \left. + \, \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right] \right. \\ \left. + \, \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right] \\ \left. + \, \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right] \\ \left. + \, \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right] \\ \left. + \, \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right] \\ \left. + \, \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right] \\ \left. + \, \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right] \\ \left. + \, \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right] \\ \left. + \, \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right] \\ \left. + \, \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right] \\ \left. + \, \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right] \\ \left. + \, \left(-1 + 2 \, x^4 + x^4 + x^4 + x^6 \right) \right] \\ \left. + \, \left(-1 + 2 \, x^4 + x^4 + x^4 + x^4 + x^4 \right) \right] \\ \left. +$$

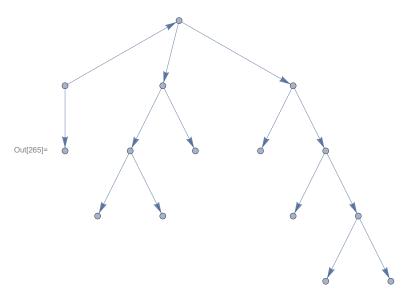
$$\text{Out} \text{[255]=} \quad \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 2 \, \, x^5 \, \right) \, + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^3 \, \left(\, 2 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



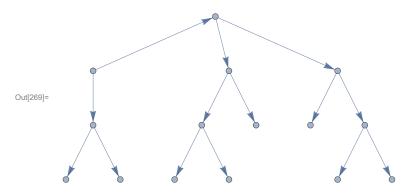
$$\text{Out} \text{[259]=} \quad \left\{ x - x^3 + x^5 + G^3 \; \left(x^4 - x^6 \right) \right. \\ \left. + \; G \; \left(- \, 1 + 2 \; x^2 - 4 \; x^4 + 2 \; x^6 \right) \right. \\ \left. + \; G^2 \; \left(3 \; x^3 - 4 \; x^5 + x^7 \right) \right. \\ \left. \right\} \\ \left. \left(- \, 1 + 2 \; x^2 - 4 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^2 - 4 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^2 - 4 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^2 - 4 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^2 - 4 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^2 - 4 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^2 - 4 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^2 - 4 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^2 - 4 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^2 - 4 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^2 - 4 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^2 - 4 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^2 - 4 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^2 - 4 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^2 - 4 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^2 - 4 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^2 - 4 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^2 - 4 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^2 - 4 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^4 - 4 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^4 - 4 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^4 - 4 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^4 - 4 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^4 - 4 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^4 - 4 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^4 - 4 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^4 - 4 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^4 + 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 + 2 \; x^4 + 2 \; x^6 \right)$$



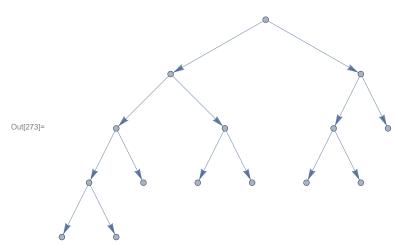
$$\text{Out} \text{[263]= } \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 2 \, \, x^5 \, \right) \, + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^3 \, \left(\, 2 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



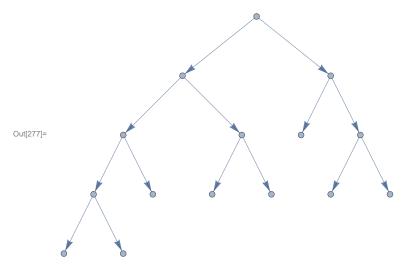
$$\text{Out} [267] = \left. \left\{ -\,G^5\,\,x^4\,+\,x^5\,+\,G^4\,\, \left(-\,x^3\,+\,3\,\,x^5 \right) \right. \\ \left. +\,G^3\,\, \left(1\,-\,4\,\,x^2\,+\,3\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. +\,G\,\, \left(-\,4\,\,x^4\,+\,x^6 \right) \right. \\ \left. +\,G^2\,\, \left(-\,x\,+\,6\,\,x^3\,-\,3\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left. +\,G^2\,\,\left(-\,x^4\,+\,x^5\,+\,G^4\,\,\left(-\,x^3\,+\,3\,\,x^5 \right) \right) \right. \\ \left. \left. +\,G^3\,\,\left(1\,-\,4\,\,x^2\,+\,3\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. \left. +\,G^3\,\,\left(1\,-\,4\,\,x^4\,+\,x^6 \right) \right. \\ \left. \left. \left(-\,4\,\,x^4\,+\,x^6 \right) \right. \\ \left. \left(-\,4\,\,x^4 \right$$



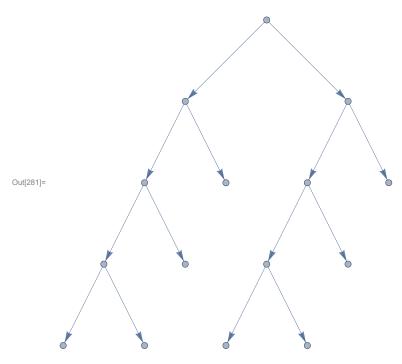
$$\text{Out} [\text{271}] = \ \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \, + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 4 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



$$\text{Out} [275] = \left. \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 4 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, 2 \, x^6 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, 2 \, x^6 \, + \, 2 \, x^6 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, -$$

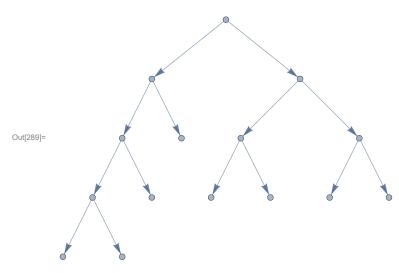


$$\text{Out} [279] = \left. \left\{ x - x^3 + x^5 + G^3 \, \left(x^4 - x^6 \right) \right. \\ \left. + G \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + G^2 \, \left(3 \, x^3 - 4 \, x^5 + x^7 \right) \right. \right\} \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 2 \, x^4 + 2 \, x^4 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 2 \, x^4 + 2 \, x^4 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 2 \, x^4 + 2 \, x^4 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 2 \, x^4 + 2 \, x^4 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 2 \, x^4 + 2 \, x^4 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 2 \, x^4 + 2 \, x^4 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + 2 \, x^4 + 2 \, x^4 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + 2 \, x^4 + 2 \, x^4 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + 2 \, x^4 + 2 \, x^4 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + 2 \, x^4 + 2 \, x^4 \right) \right.$$

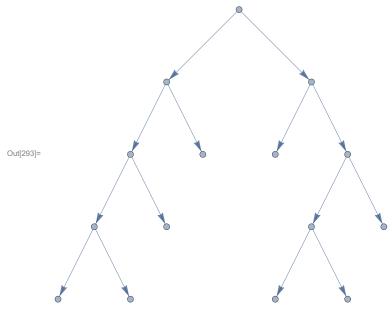


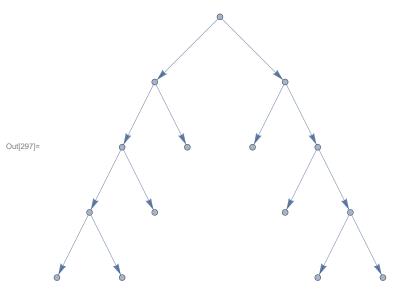
$$\text{Out} [283] = \left. \left\{ -\,x\,+\,x^{3}\,+\,G^{4}\,\,x^{7}\,+\,G\,\,\left(1\,-\,2\,\,x^{2}\,+\,2\,\,x^{4} \right) \right. \\ \left. +\,G^{2}\,\,\left(-\,2\,\,x^{3}\,+\,3\,\,x^{5} \right) \right. \\ \left. +\,G^{3}\,\,\left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right] \right. \\ \left. \left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right. \\ \left. \left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right] \right. \\ \left. \left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{6}\,+\,2\,\,x^{6} \right) \right] \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{6}\,+\,2\,\,x^{6} \right) \right] \right. \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{6}\,+\,2\,\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{6}\,+\,2\,\,x^{6} \right) \right] \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{6}\,+\,2\,\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{6}\,+\,2\,\,x^{6} \right) \right] \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,\,x^{6} \right) \right] \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,\,x^{6} \right) \right] \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right] \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right] \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right] \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right] \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right] \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right] \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right] \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right] \left(-\,2\,x^{6}\,+\,2\,x^{6} \right) \\ \left. \left(-$$

$$\text{Out} [287] = \left. \left\{ -\,x \,+\, x^3 \,-\, x^5 \,+\, G^4\,\, x^7 \,+\, G^2\,\, \left(\,-\,3\,\, x^3 \,+\, 3\,\, x^5 \,\right) \right. \\ \left. +\, G\,\, \left(\,1 \,-\, 2\,\, x^2 \,+\, 4\,\, x^4 \,-\, x^6 \,\right) \right. \\ \left. +\, G^3\,\, \left(\,-\, x^4 \,+\, x^6 \,\right) \right. \\ \left. \left. \left(\,-\, x^4 \,+\, x^6 \,+\, x^$$

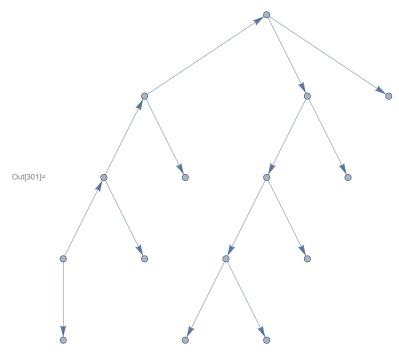


$$\text{Out} [291] = \left. \left\{ x - x^3 + x^5 + G^3 \, \left(x^4 - 2 \, x^6 \right) \right. \\ \left. + G \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + G^2 \, \left(3 \, x^3 - 3 \, x^5 + x^7 \right) \right. \right\} \\ \left. \left(x - x^3 + x^5 + x^$$

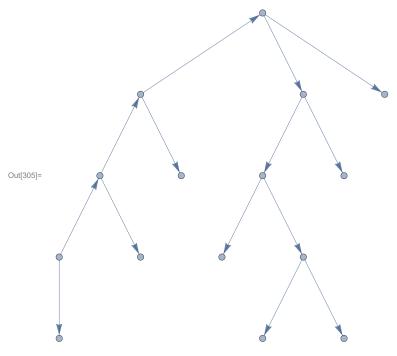




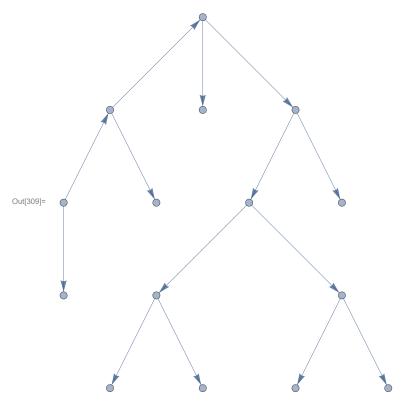
$$\text{Out} \text{[299]=} \quad \left\{ -\,x \,+\, x^{3} \,+\, G^{4}\,\, x^{7} \,+\, G\,\, \left(1\,-\,2\,\,x^{2} \,+\, 2\,\,x^{4}\right) \,\,+\, G^{2}\,\, \left(-\,2\,\,x^{3} \,+\, 3\,\,x^{5}\right) \,\,+\, G^{3}\,\, \left(-\,2\,\,x^{4} \,+\, 2\,\,x^{6}\right) \,\right\}$$



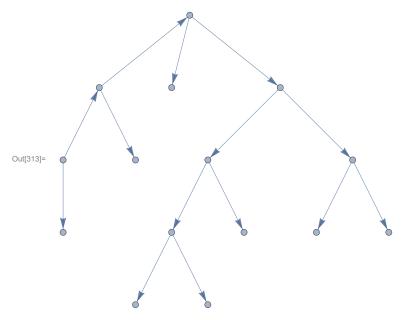
$$\text{Out} [\text{303}] = \left. \left\{ -\,x \,+\, x^3 \,+\, G^4 \,\, x^7 \,+\, G \,\, \left(\,1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \,\right) \right. \\ \left. \,+\, G^2 \,\, \left(\,-\, 2\,\, x^3 \,+\, 3\,\, x^5 \,\right) \right. \\ \left. \,+\, G^3 \,\, \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \,+\, G^3 \,\, \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \,+\, G^3 \,\, \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \,+\, G^3 \,\, \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \,+\, G^3 \,\, \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \,+\, G^3 \,\, \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \,+\, G^3 \,\, \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \,+\, G^3 \,\, \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \,+\, G^3 \,\, \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \,+\, G^3 \,\, \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \,+\, G^3 \,\, \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \,+\, G^3 \,\, \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \,+\, G^3 \,\, \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \,+\, G^3 \,\, \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \,+\, G^3 \,\, \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \,+\, G^3 \,\, \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \,+\, G^3 \,\, \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \,+\, G^3 \,\, \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \,+\, G^3 \,\, \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \,+\, G^3 \,\, \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \,+\, G^3 \,\, \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \,+\, G^3 \,\, \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \,+\, G^3 \,\, \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \,+\, G^3 \,\, \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \,+\, G^3 \,\, \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,+\, 2\,$$



$$\text{Out} [\text{307}] = \left. \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 4 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, x^6 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, x^6 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, 2 \, x^6 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, 2 \, x^6 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, 2 \, x^6 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, 2 \, x^6 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, 2 \, x^6 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, 2 \, x^6 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2$$

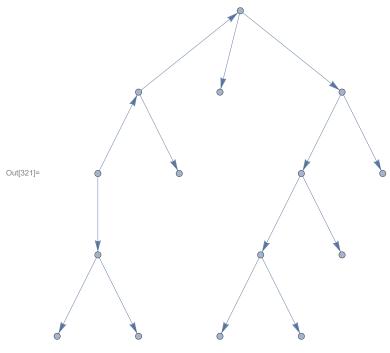


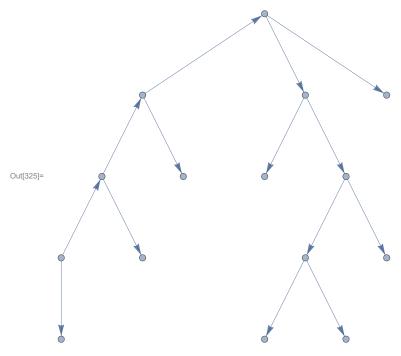
$$\text{Out} [\text{311}] = \left. \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 2 \, \, x^5 \, \right) \right. \\ \left. \left. + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left. + \, G^3 \, \left(\, 2 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. \left. \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. \left(\, x^4 \, - \, x^6 \, \right) \right.$$



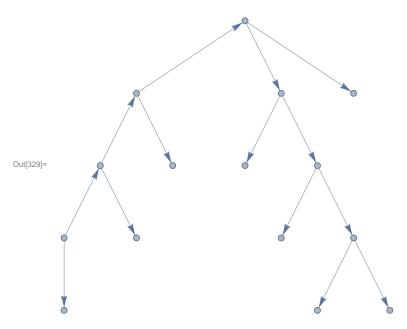
$$\text{Out} \text{[315]= } \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 2 \, \, x^5 \, \right) \, + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^3 \, \left(\, 2 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$

$$\text{Out} [\text{319}] = \left. \left\{ x - x^3 + x^5 + G^3 \, \left(x^4 - 2 \, x^6 \right) \right. \\ \left. + \, G \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, G^2 \, \left(3 \, x^3 - 3 \, x^5 + x^7 \right) \right. \right\} \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^4 + x^4 + x^4 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^4 +$$

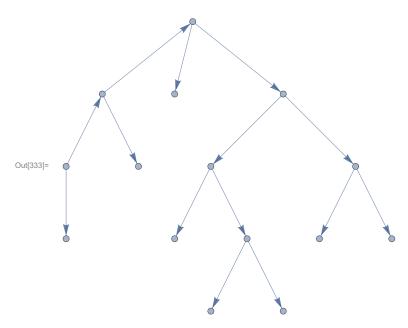




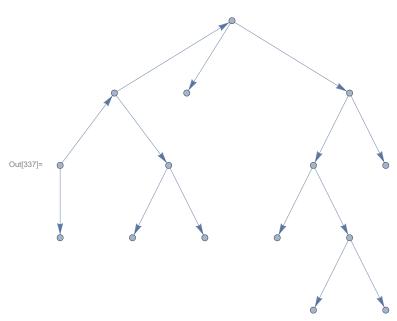
$$\text{Out} [\text{327}] = \ \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 3 \, \, x^5 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 6 \, \, x^4 \, + \, 3 \, \, x^6 \, \right) \, + \, G^3 \, \left(\, 3 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



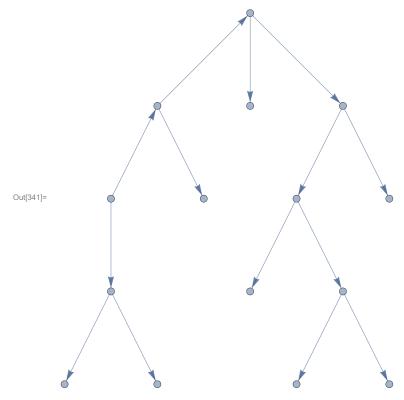
$$\text{Out} \\ \text{(331)=} \quad \left\{ \, x^5 \, + \, G^4 \, \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \, + \, G^3 \, \, \left(\, 1 \, - \, 4 \, \, x^2 \, + \, 6 \, \, x^4 \, - \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G \, \, \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^2 \, \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \, \right\} \\ \left. + \, G \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \, + \, G^3 \, \, \left(\, 1 \, - \, 4 \, \, x^2 \, + \, 6 \, \, x^4 \, - \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^2 \, \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \, \right\} \\ \left. + \, G \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \, + \, G^3 \, \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \, + \, G^3 \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \, + \, G^3 \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \, + \, G^3 \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x^5 \, + \, x^5 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x^5 \, + \, x^5 \, + \, x^5 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x^5 \, + \, x^5 \, + \, x^5 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x^5 \, + \, x^5 \, + \, x^5 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x^5 \, + \, x^5 \, + \, x^5 \, + \, x^5 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x^5 \, + \, x^5 \, + \, x^5 \, + \, x^5 \, + \, x^5 \, \right) \right. \\ \left. + \, G \, \left(\, - \, x^5 \, + \, x^5$$



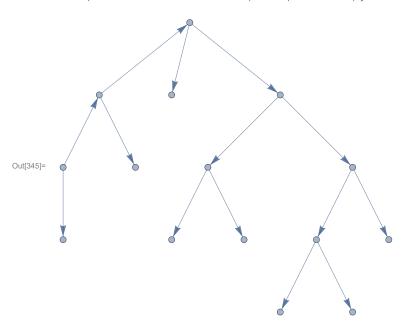
$$\text{Out} \text{ (335)= } \left\{ \, x^5 \, + \, G^4 \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \, + \, G^3 \, \left(\, 1 \, - \, 4 \, \, x^2 \, + \, 6 \, \, x^4 \, - \, 2 \, \, x^6 \, \right) \, + \, G \, \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



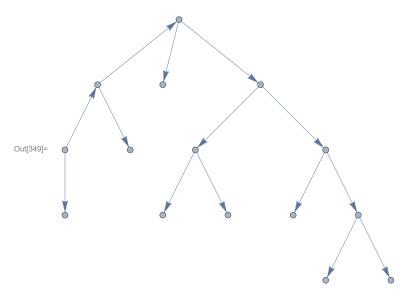
$$\text{Out} \text{[339]=} \quad \left\{ -\,x\,+\,x^{3}\,-\,2\,\,x^{5}\,+\,x^{7}\,+\,G^{2}\,\,\left(-\,4\,\,x^{3}\,+\,4\,\,x^{5}\right) \right. \\ \left. +\,G\,\,\left(1\,-\,2\,\,x^{2}\,+\,6\,\,x^{4}\,-\,4\,\,x^{6}\right) \right. \\ \left. \left. \right\} \right. \\ \left. \left. \right\} \right. \\ \left. \left. \left(-\,4\,\,x^{3}\,+\,4\,\,x^{5}\right) \right. \\ \left. \left(-\,4\,\,x^{5}\right) \right. \\ \left. \left(-\,4\,\,x^{5}\,+\,4\,\,x^{5}\right) \right. \\ \left. \left(-\,4\,\,x^{5}\,+\,4\,\,x^$$



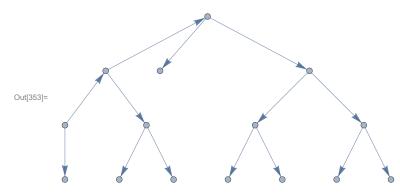
$$\text{Out} \text{[343]= } \left\{ x - x^3 + 2 \, x^5 + x^9 + G^3 \, \left(- x^6 + x^{10} \right) + G \, \left(-1 + 2 \, x^2 - 6 \, x^4 + 2 \, x^6 - 3 \, x^8 + 2 \, x^{10} \right) \right. \\ \left. \left. \left. \left. \left(4 \, x^3 - 3 \, x^5 + 3 \, x^7 - 3 \, x^9 + x^{11} \right) \right. \right) + G^4 \, \left(-2 \, x^9 + x^{11} \right) \right. \right\}$$



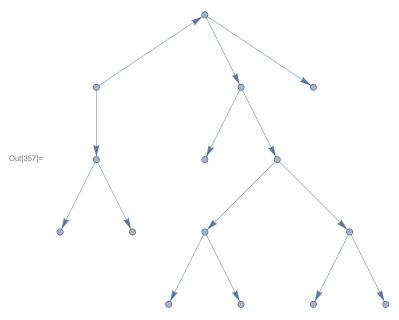
$$\text{Out} \text{ [347]= } \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 3 \, \, x^5 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 6 \, \, x^4 \, + \, 3 \, \, x^6 \, \right) \, + \, G^3 \, \left(\, 3 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$

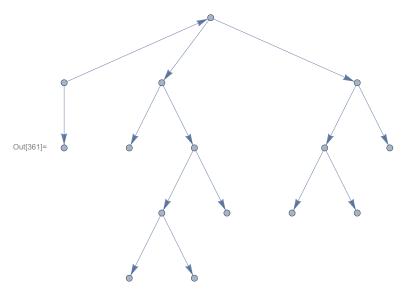


$$\text{Out} \text{ [351]= } \left\{ x^5 + G^4 \ \left(-2 \ x^3 + x^5 \right) \right. \\ \left. + \ G^3 \ \left(1 - 4 \ x^2 + 6 \ x^4 - 2 \ x^6 \right) \right. \\ \left. + \ G \ \left(-4 \ x^4 + 2 \ x^6 \right) \right. \\ \left. + \ G^2 \ \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right. \\ \left. \right\} \\ \left. \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right\} \\ \left. \left(-x + 6 \ x^3 - x^7 \right) \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \right\} \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \right\} \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \right\} \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \right\} \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \right\} \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \right\} \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \right\} \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \right\} \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \right\} \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \right\} \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \right\} \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \right\} \\ \left.$$

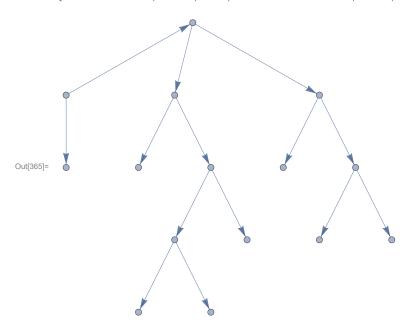


$$\text{Out} \text{[355]= } \left\{-\,x^4\,+\,x^6\,+\,G^3\,\left(-\,3\,\,x^3\,+\,2\,\,x^5\right)\,+\,G^2\,\left(1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6\right)\,+\,G\,\left(-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7\right)\,\right\}$$



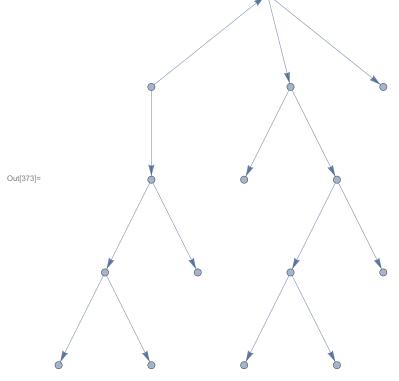


$$\text{Out} [\text{363}] = \left. \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 4 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, 2 \, x^6 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, 2 \, x^6 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, 2 \, x^6 \,$$

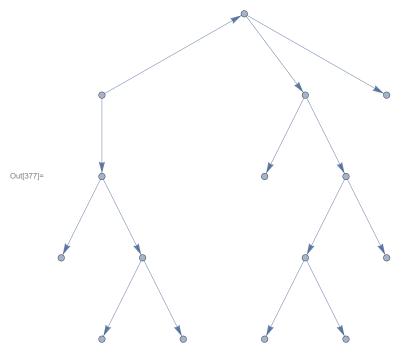


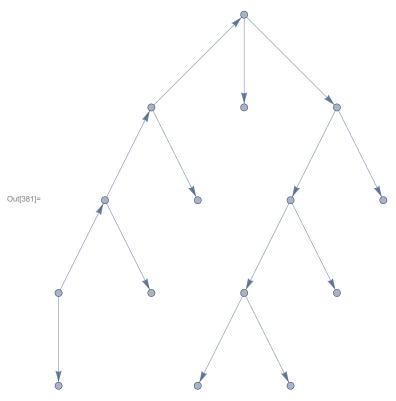
$$\text{Out} [367] = \left. \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\, \left(-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. +\,G^2\,\, \left(1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. +\,G\,\, \left(-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left(-\,x\,+\,3\,\,x^4\,-\,3\,\,x^4 \right) \right. \\ \left. \left(-\,x\,+\,3\,\,x^4 \right) \right] \right. \\ \left. \left(-\,x\,+\,3\,\,x^4 \right) \right. \\ \left. \left(-\,x\,+\,3\,\,x^4 \right) \right] \\ \left. \left(-\,x\,+\,3\,\,x^4 \right) \right. \\ \left. \left(-\,x\,+\,3\,\,x^4 \right) \right] \\ \left. \left(-\,x\,+\,3\,\,x^4 \right) \right]$$

$$\text{Out} [\text{371}] = \ \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \, + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 4 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$

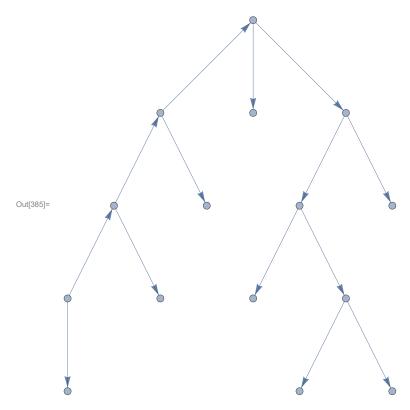


$$\begin{array}{c} \text{Out} \text{[375]=} & \left\{ \, x \, - \, x^3 \, + \, x^7 \, + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 2 \, \, x^4 \, - \, 3 \, \, x^6 \, + \, 4 \, \, x^8 \, \right) \, + \, G^2 \, \left(\, 2 \, \, x^3 \, + \, x^5 \, - \, 9 \, \, x^7 \, + \, 7 \, \, x^9 \, \right) \, + \, G^3 \, \left(\, 4 \, \, x^6 \, - \, 11 \, \, x^8 \, + \, 7 \, \, x^{10} \, \right) \, + \, G^4 \, \left(\, 3 \, \, x^7 \, - \, 7 \, \, x^9 \, + \, 4 \, \, x^{11} \, \right) \, + \, G^5 \, \left(\, x^8 \, - \, 2 \, \, x^{10} \, + \, x^{12} \, \right) \, \right\}$$

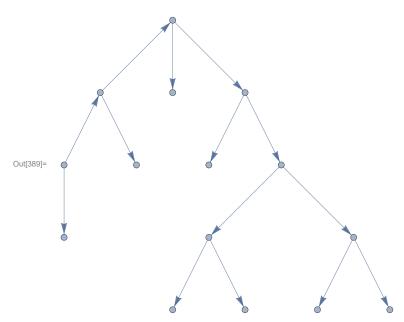




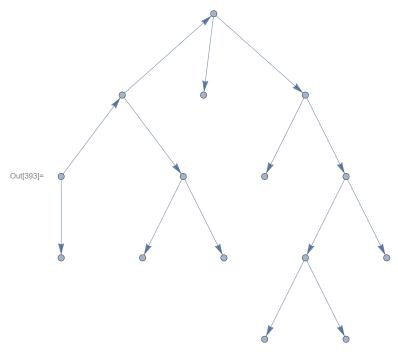
$$\text{Out} \text{[383]= } \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 2 \, \, x^5 \, \right) \, + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^3 \, \left(\, 2 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



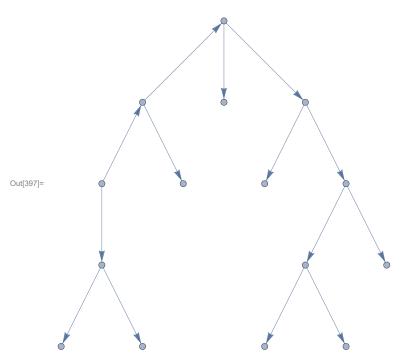
$$\text{Out} [387] = \left. \left\{ \, x^5 \, + \, G^4 \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. + \, G^3 \, \left(\, 1 \, - \, 4 \, \, x^2 \, + \, 6 \, \, x^4 \, - \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, -$$



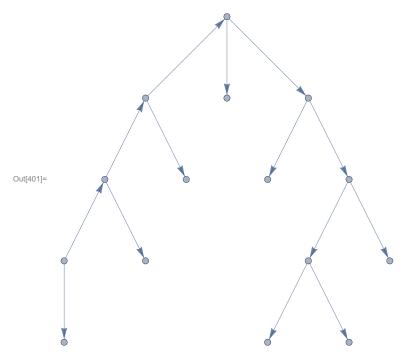
$$\text{Out} [391] = \left. \left\{ \, x^5 \, + \, G^4 \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. + \, G^3 \, \left(\, 1 \, - \, 4 \, \, x^2 \, + \, 6 \, \, x^4 \, - \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, -$$



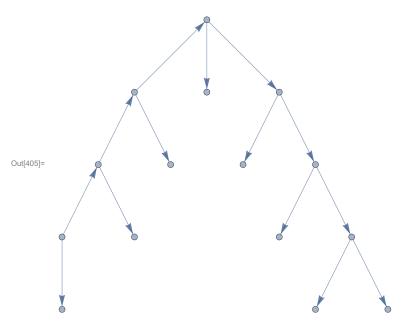
$$\text{Out} \text{[395]= } \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\left(-\,3\,\,x^3\,+\,2\,\,x^5\right)\,+\,G^2\,\left(1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6\right)\,+\,G\,\left(-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7\right) \right\}$$



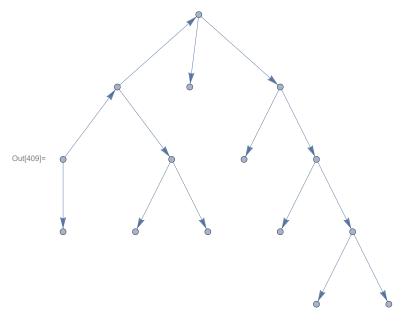
$$\begin{array}{l} \text{Out} \text{ (399)=} & \left\{ \, x^3 \, - \, x^5 \, + \, x^9 \, + \, G \, \left(\, - \, 3 \, \, x^2 \, + \, 4 \, \, x^4 \, - \, 3 \, \, x^6 \, - \, 5 \, \, x^8 \, + \, 5 \, \, x^{10} \, \right) \, \, + \\ & G^2 \, \left(\, 3 \, \, x \, - \, 5 \, \, x^3 \, + \, 9 \, \, x^5 \, + \, 6 \, \, x^7 \, - \, 20 \, \, x^9 \, + \, 10 \, \, x^{11} \, \right) \, + \, G^3 \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 9 \, \, x^4 \, - \, x^6 \, + \, 27 \, \, x^8 \, - \, 30 \, \, x^{10} \, + \, 10 \, \, x^{12} \, \right) \, + \\ & G^4 \, \left(\, 3 \, \, x^3 \, - \, x^5 \, - \, 15 \, \, x^7 \, + \, 29 \, \, x^9 \, - \, 20 \, \, x^{11} \, + \, 5 \, \, x^{13} \, \right) \, + \, G^5 \, \left(\, 3 \, \, x^6 \, - \, 9 \, \, x^8 \, + \, 10 \, \, x^{10} \, - \, 5 \, \, x^{12} \, + \, x^{14} \, \right) \, \right\}$$



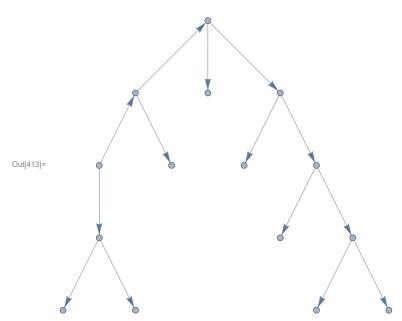
$$\text{Out} [403] = \left. \left\{ \, x^5 \, + \, G^4 \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. + \, G^3 \, \left(\, 1 \, - \, 4 \, \, x^2 \, + \, 6 \, \, x^4 \, - \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^5 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^5 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^5 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^5 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^5 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^5 \, - \, 6 \, \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^7 \, + \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^7 \, + \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, x^7 \, + \, x^7 \, + \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \,$$



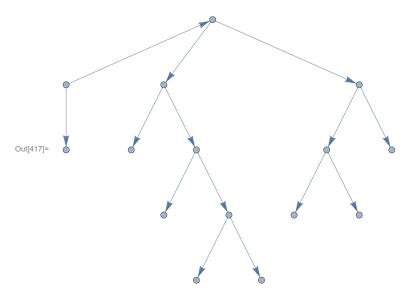
$$\text{Out} [407] = \left. \left. \left\{ G^5 \ x^3 \ + \ x^6 \ + \ G^4 \ \left(-1 \ + \ 5 \ x^2 \ - \ 4 \ x^4 \right) \right. \right. \\ \left. + \ G^3 \ \left(x \ - \ 10 \ x^3 \ + \ 6 \ x^5 \right) \right. \\ \left. + \ G^2 \ \left(10 \ x^4 \ - \ 4 \ x^6 \right) \right. \\ \left. + \ G \ \left(-5 \ x^5 \ + \ x^7 \right) \right. \right\}$$



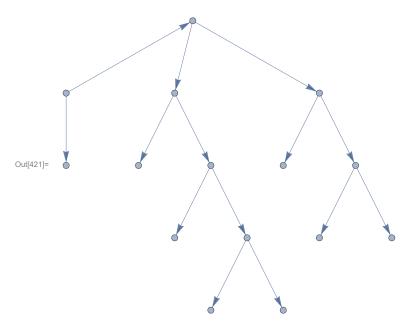
$$\text{Out}[411] = \left. \left\{ 2 \; G^4 \; x^3 - x^5 + x^7 + G^3 \; \left(-1 + 4 \; x^2 - 7 \; x^4 \right) \right. \\ \left. + \; G^2 \; \left(x - 6 \; x^3 + 9 \; x^5 \right) \right. \\ \left. + \; G \; \left(4 \; x^4 - 5 \; x^6 \right) \right. \right\} \\ \left. \left(x - 6 \; x^3 + 9 \; x^5 \right) \right. \\ \left. \left(x - 6 \; x^3 + 9 \; x^5 \right) \right] \right. \\ \left. \left(x - 6 \; x^3 + 9 \; x^5 \right) \right] \\ \left. \left(x - 6 \; x^3 + 9 \; x^5 \right) \right] \\ \left. \left(x - 6 \; x^3 + 9 \; x^5 \right) \right] \\ \left. \left(x - 6 \; x^3 + 9 \; x^5 \right) \right] \\ \left. \left(x - 6 \; x^3 + 9 \; x^5 \right) \right] \\ \left. \left(x - 6 \; x^3 + 9 \; x^5 \right) \right] \\ \left. \left(x - 6 \; x^3 + 9 \; x^5 \right) \right] \\ \left. \left(x - 6 \; x^3 + 9 \; x^5 \right) \right] \\ \left. \left(x - 6 \; x^3 + 9 \; x^5 \right) \right] \\ \left. \left(x - 6 \; x^3 + 9 \; x^5 \right) \right] \\ \left. \left(x - 6 \; x^5 + 8 \; x^5$$



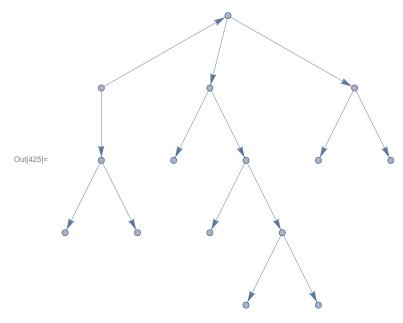
$$\begin{array}{l} \text{Out[415]=} & \left\{ \, x^3 \, - \, x^5 \, + \, x^9 \, + \, G \, \left(\, - \, 3 \, \, x^2 \, + \, 4 \, \, x^4 \, - \, 3 \, \, x^6 \, - \, 5 \, \, x^8 \, + \, 5 \, \, x^{10} \right) \, + \\ & G^2 \, \left(\, 3 \, \, x \, - \, 5 \, x^3 \, + \, 9 \, \, x^5 \, + \, 6 \, \, x^7 \, - \, 20 \, \, x^9 \, + \, 10 \, \, x^{11} \, \right) \, + \, G^3 \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 9 \, \, x^4 \, - \, x^6 \, + \, 27 \, \, x^8 \, - \, 30 \, \, x^{10} \, + \, 10 \, \, x^{12} \right) \, + \\ & G^4 \, \left(\, 3 \, \, x^3 \, - \, x^5 \, - \, 15 \, \, x^7 \, + \, 29 \, \, x^9 \, - \, 20 \, \, x^{11} \, + \, 5 \, \, x^{13} \right) \, + \, G^5 \, \left(\, 3 \, \, x^6 \, - \, 9 \, \, x^8 \, + \, 10 \, \, x^{10} \, - \, 5 \, \, x^{12} \, + \, x^{14} \right) \, \right\}$$



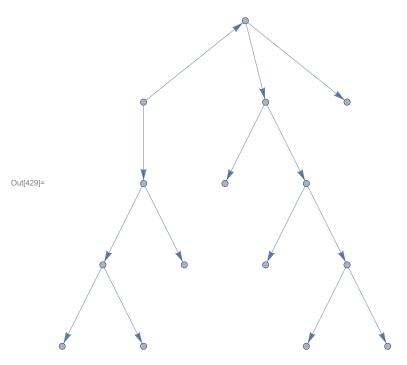
$$\text{Out}[419] = \left. \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. +\,G^2\,\,\left(\,1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. +\,G\,\,\left(\,-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(\,-\,x\,+\,3\,\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,-\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,-\,x^4\,+\,x^6\,+\,G^3\,+\,x^6\,+\,G^3\,+\,x^6\,+\,G^3\,+\,G^4\,+\,G^4\,+\,X^6\,+\,G^4$$

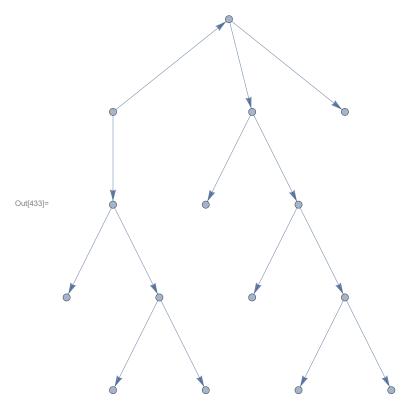


$$\text{Out}[\text{423}] = \left. \left\{ 3 \; G^4 \; x^3 \, + \, x^7 \, + \, G^3 \; \left(- \, 1 \, + \, 3 \; x^2 \, - \, 9 \; x^4 \right) \right. \\ \left. + \; G^2 \; \left(x \, - \, 3 \; x^3 \, + \, 10 \; x^5 \right) \right. \\ \left. + \; G \; \left(x^4 \, - \, 5 \; x^6 \right) \right. \right\} \\ \left. \left(x^4 \, - \, 5 \; x^6 \right) \right. \\ \left. \left(x^4 \, - \, 5 \; x^6 \right) \right] \right. \\ \left. \left(x^4 \, - \, 5 \; x^6 \right) \right. \\ \left. \left(x^4 \, - \, 5 \; x^6 \right) \right. \\ \left. \left(x^4 \, - \, 5 \; x^6 \right) \right] \right. \\ \left. \left(x^4 \, - \, 5 \; x^6 \right) \right. \\ \left. \left(x^4 \, - \, 5 \; x^6 \right) \right] \right. \\ \left. \left(x^4 \, - \, 5 \; x^6 \right) \right] \right. \\ \left. \left(x^4 \, - \, 5 \; x^6 \right) \right] \right. \\ \left. \left(x^4 \, - \, 5 \; x^6 \right) \right] \left. \left(x^4 \, - \, 5 \; x^6 \right) \right] \right. \\ \left. \left(x^4 \, - \, 5 \; x^6 \right) \right] \left. \left(x^4 \, - \, 5 \; x^6 \right) \right] \right. \\ \left. \left(x^4 \, - \, 5 \; x^6 \right) \right] \left. \left(x^4 \, - \, 5 \; x^6 \right) \right] \left. \left(x^4 \, - \, 5 \; x^6 \right) \right. \\ \left. \left(x^4 \, - \, 5 \; x^6 \right) \right] \left. \left(x^4 \, - \, 5 \; x^6 \right) \right. \\ \left. \left(x^4 \, - \, 5 \; x^6 \right) \right. \\ \left. \left(x^4 \, - \, 5 \; x^6 \right) \right. \\ \left. \left(x^4 \, - \, 5 \; x^6 \right) \right. \\ \left. \left(x^4 \, - \, 5 \; x^6 \right) \right. \\ \left. \left(x^4 \, - \, 5 \; x^6 \right) \right. \\ \left. \left(x^4 \, - \, 5 \; x^6 \right) \right. \\ \left. \left(x^4 \, - \, 5 \; x^6 \right) \right. \\ \left. \left(x^4 \, - \, 5 \; x^6 \right) \right. \\ \left. \left(x^4 \, - \, 5 \; x^6 \right) \right. \\ \left. \left(x^4 \, - \, 5 \; x^6 \right) \right. \\ \left. \left(x^4 \, - \, 5 \; x^6 \right) \right. \\ \left. \left(x^4 \, - \, 5 \; x^6 \right) \right. \\ \left. \left(x^4 \, - \, 5 \; x^6 \right) \right. \\ \left. \left(x^4 \, - \, 5 \; x^6 \right) \right. \\ \left. \left(x^4 \, - \, 5 \; x^6 \right) \right. \\ \left. \left(x^4 \, - \, 5 \; x^6 \right) \right. \\ \left. \left(x$$

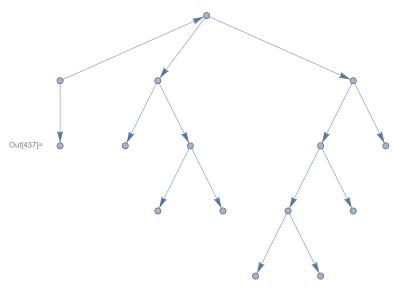


$$\text{Out}[427] = \left. \left\{ x - x^3 + x^5 + G^3 \, \left(x^4 - x^6 \right) \right. \\ \left. + G \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + G^2 \, \left(3 \, x^3 - 4 \, x^5 + x^7 \right) \right. \right\} \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^4 \right) \right] \\ \left. + \left(-1 + 2 \, x^4 + 2 \, x^4 + 2 \, x^4 \right) \right] \\ \left. + \left(-1 + 2 \,$$

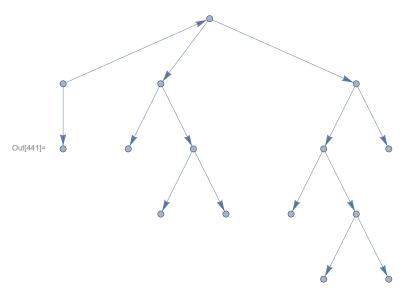




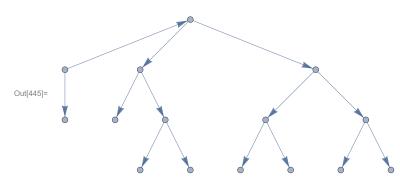
$$\begin{array}{l} \text{Out}[435] = \end{array} \left\{ \left. x - x^3 + x^7 + G \, \left(-1 + 2 \, x^2 - 2 \, x^4 - 3 \, x^6 + 4 \, x^8 \right) \right. \\ \left. + \, G^2 \, \left(2 \, x^3 + x^5 - 9 \, x^7 + 7 \, x^9 \right) \right. \\ \left. + \, G^3 \, \left(4 \, x^6 - 11 \, x^8 + 7 \, x^{10} \right) \right. \\ \left. + \, G^4 \, \left(3 \, x^7 - 7 \, x^9 + 4 \, x^{11} \right) \right. \\ \left. + \, G^5 \, \left(x^8 - 2 \, x^{10} + x^{12} \right) \right. \right\}$$



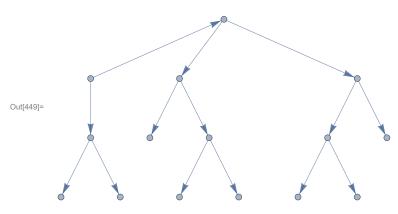
$$\text{Out} [439] = \left. \left\{ x - x^3 + x^5 + G^3 \, \left(x^4 - 2 \, x^6 \right) \right. \\ \left. + G \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + G^2 \, \left(3 \, x^3 - 3 \, x^5 + x^7 \right) \right. \right\} \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^4 + x^4 + x^4 + x^4 + x^4 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x$$



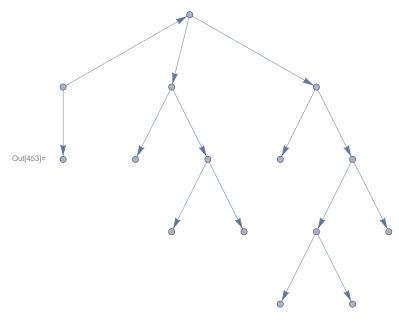
$$\text{Out}[443] = \left. \left\{ -\,x \,+\, x^3 \,-\, 2\; x^5 \,+\, x^7 \,+\, G^2 \, \left(-\,4\; x^3 \,+\, 4\; x^5 \right) \right. \,+\, G \, \left. \left(1\,-\, 2\; x^2 \,+\, 6\; x^4 \,-\, 4\; x^6 \right) \right. \right\}$$



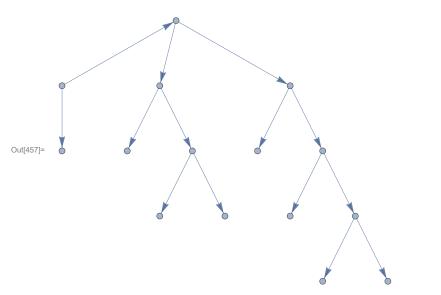
$$\text{Out}[447] = \left. \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. +\,G^2\,\,\left(\,1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. +\,G\,\,\left(\,-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(\,-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left(\,-\,x\,+\,x^4\,+\,x^5\,+\,x^7 \right) \right. \\ \left. \left(\,-\,x\,+\,x^4\,+\,x^7 \right) \right. \\ \left. \left(\,-\,x\,+\,x^7 \right) \right$$



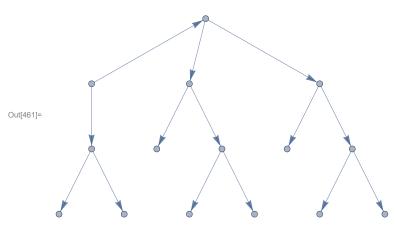
$$\text{Out} [451] = \left. \left\{ x - x^3 + x^5 + G^3 \, \left(x^4 - x^6 \right) \right. \\ \left. + G \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + G^2 \, \left(3 \, x^3 - 4 \, x^5 + x^7 \right) \right. \right\} \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 2 \, x^4 + 2 \, x^4 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 2 \, x^4 + 2 \, x^4 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 2 \, x^4 + 2 \, x^4 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 2 \, x^4 + 2 \, x^4 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 2 \, x^4 + 2 \, x^4 \right) \right. \\ \left. \left(-1 + 2 \, x^4 - 2 \, x^4 + 2 \, x^4 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + 2 \, x^4 + 2 \, x^4 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + 2 \, x^4 + 2 \, x^4 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + 2 \, x^4 + 2 \, x^4 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + 2 \, x^4 + 2 \, x^4 \right) \right.$$



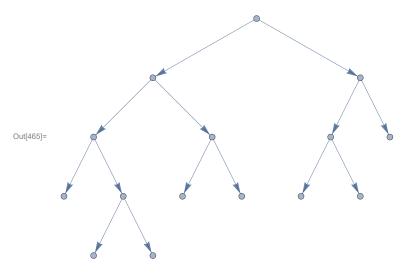
$$\text{Out}[\text{455}] = \left. \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. +\,G^2\,\,\left(1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. +\,G\,\,\left(-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left(-\,x\,+\,3\,\,x^4\,-\,3\,\,x^4 \right) \right. \\ \left. \left(-\,x\,+\,3\,\,x^4 \right) \right. \\ \left. \left(-\,x\,+$$



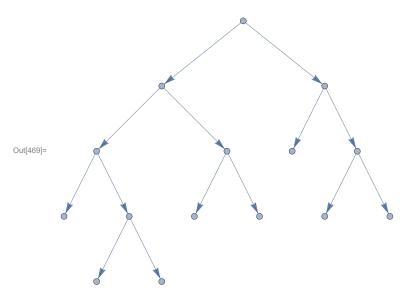
$$\text{Out} [\text{459}] = \left. \left. \left\{ 2 \; G^4 \; x^3 \, - \, x^5 \, + \, x^7 \, + \, G^3 \; \left(- \, 1 \, + \, 4 \; x^2 \, - \, 7 \; x^4 \right) \right. \right. \\ \left. + \; G^2 \; \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. + \; G \; \left(4 \; x^4 \, - \, 5 \; x^6 \right) \right. \right\} \\ \left. \left. \left(x \, - \, 6 \, x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \, x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \, x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \, x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \, x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \, x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \, x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \, x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \, x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \, x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \, x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \, x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \, x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \, x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \, x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \, x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \, x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \, x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x$$



$$\text{Out}[463] = \left. \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 4 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, 2 \, x^6 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, 2 \, x^6 \, + \, 2 \, x^$$

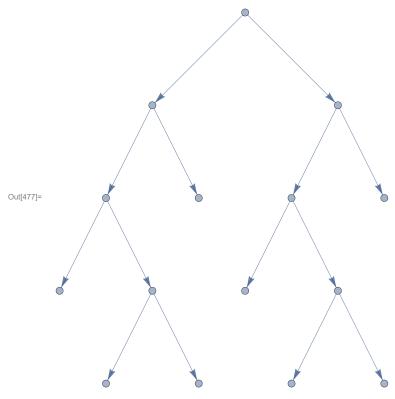


$$\text{Out}[467] = \left. \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 4 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. \left. \right\} \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left. + \, G^2 \, \left(\, 3 \, x^3 \, - \, 4 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. \left. \right\} \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 4 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, 2 \, x^6 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, 2 \, x^6 \, + \,$$

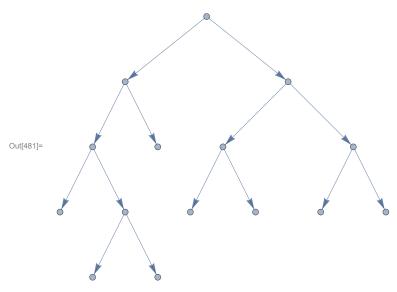


$$\text{Out}[\text{471}] = \ \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \, + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 4 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$

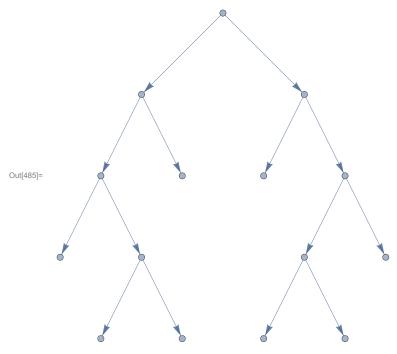
$$\begin{array}{c} \text{Out} [475] = \end{array} \left. \left\{ \, x - x^3 \, + \, x^7 \, + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 2 \, \, x^4 \, - \, 3 \, \, x^6 \, + \, 3 \, \, x^8 \, \right) \right. \\ \left. \left. + \, G^3 \, \left(\, x^4 \, + \, x^6 \, - \, 7 \, x^8 \, + \, 5 \, \, x^{10} \, \right) \right. \\ \left. \left. + \, G^4 \, \left(\, x^7 \, - \, 4 \, \, x^9 \, + \, 3 \, \, x^{11} \, \right) \right. \\ \left. + \, G^5 \, \left(\, - \, x^{10} \, + \, x^{12} \, \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left. \left(\, x^7 \, - \, 4 \, x^9 \, + \, 3 \, x^{11} \, \right) \right. \\ \left. \left. \left(\, x^7 \, - \, 4 \, x^9 \, + \, 3 \, x^{11} \, \right) \right. \\ \left. \left(\, x^7 \, - \, 4 \, x^9 \, + \, 3 \, x^{11} \, \right) \right. \\ \left. \left(\, x^7 \, - \, 4 \, x^9 \, + \, 3 \, x^{11} \, \right) \right. \\ \left. \left. \left(\, x^7 \, - \, 4 \, x^9 \, + \, 3 \, x^{11} \, \right) \right. \\ \left. \left. \left(\, x^7 \, - \, 4 \, x^9 \, + \, 3 \, x^{11} \, \right) \right. \\ \left. \left(\, x^7 \, - \, 4 \, x^9 \, + \, 3 \, x^{11} \, \right) \right. \\ \left. \left(\, x^7 \, - \, 4 \, x^9 \, + \, 3 \, x^{11} \, \right) \right. \\ \left. \left. \left(\, x^7 \, - \, 4 \, x^9 \, + \, 3 \, x^{11} \, \right) \right. \\ \left. \left(\, x^7 \, - \, 4 \, x^9 \, + \, 3 \, x^{11} \, \right) \right. \\ \left. \left. \left(\, x^7 \, - \, 4 \, x^9 \, + \, 3 \, x^{11} \, \right) \right. \\ \left. \left. \left(\, x^7 \, - \, 4 \, x^9 \, + \, 3 \, x^{11} \, \right) \right. \\ \left. \left. \left(\, x^7 \, - \, 4 \, x^9 \, + \, 3 \, x^{11} \, \right) \right. \\ \left. \left. \left(\, x^7 \, - \, 4 \, x^9 \, + \, 3 \, x^{11} \, \right) \right. \\ \left. \left. \left(\, x^7 \, - \, 4 \, x^9 \, + \, 3 \, x^{11} \, \right) \right. \\ \left. \left. \left(\, x^7 \, - \, 4 \, x^9 \, + \, 3 \, x^{11} \, \right) \right. \\ \left. \left. \left(\, x^7 \, - \, 4 \, x^9 \, + \, 3 \, x^{11} \, \right) \right. \\ \left. \left. \left(\, x^7 \, - \, 4 \, x^9 \, + \, 3 \, x^{11} \, \right) \right. \\ \left. \left. \left(\, x^7 \, - \, 4 \, x^9 \, + \, 3 \, x^{11} \, \right) \right. \\ \left. \left. \left(\, x^7 \, - \, 4 \, x^9 \, + \, 3 \, x^{11} \, \right) \right. \\ \left. \left. \left(\, x^7 \, - \, 4 \, x^9 \, + \, 3 \, x^{11} \, \right) \right. \\ \left. \left. \left(\, x^7 \, - \, 4 \, x^9 \, + \, 3 \, x^{11} \, \right) \right. \\ \left. \left. \left(\, x^7 \, - \, 4 \, x^9 \, + \, 3 \, x^{11} \, \right) \right. \\ \left. \left. \left(\, x^7 \, - \, 4 \, x^9 \, + \, 3 \, x^{11} \, \right) \right. \\ \left. \left. \left(\, x^7 \, - \, 4 \, x^9 \, + \, 3 \, x^{11} \, \right) \right. \\ \left. \left. \left(\, x^7 \, - \, 4 \, x^9 \, + \, 3 \, x^{11} \, \right) \right. \\ \left. \left. \left(\, x^7 \, - \, 4 \, x^9 \, + \, 3 \, x^{11} \, \right) \right. \\ \left. \left(\, x^7 \, - \, 4 \, x^9 \, + \, 3 \, x^{11} \, \right) \right. \\ \left. \left. \left(\, x^7 \, - \, 4 \, x^9 \, + \, 3 \, x^{11} \, \right) \right. \\ \left. \left(\, x^7 \, - \, 4 \, x^9 \, + \, 3 \, x^{11} \, \right) \right. \\ \left. \left(\, x^7 \, - \, 4 \, x^9 \,$$



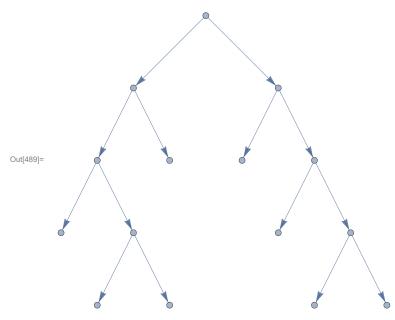
$$\text{Out} [479] = \left. \left\{ x - x^3 + 2 \ x^5 + x^9 + G^3 \ \left(- x^6 + x^{10} \right) \right. \\ \left. + G \left(-1 + 2 \ x^2 - 6 \ x^4 + 2 \ x^6 - 3 \ x^8 + 2 \ x^{10} \right) \right. \\ \left. + G^2 \left(4 \ x^3 - 3 \ x^5 + 3 \ x^7 - 3 \ x^9 + x^{11} \right) \right. \\ \left. + G^4 \left(-2 \ x^9 + x^{11} \right) \right. \right\}$$

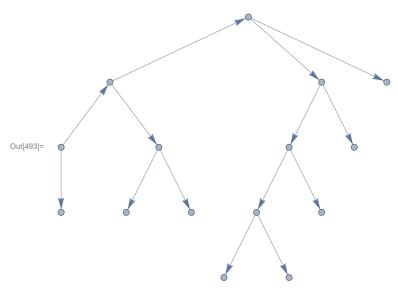


$$\begin{array}{l} \text{Out} [483] = \end{array} \left\{ \left. \begin{array}{l} x - x^3 + x^5 + x^7 - 2 \ x^9 + x^{11} + G^3 \ \left(3 \ x^6 - 8 \ x^8 + 4 \ x^{10} \right) \right. \\ \left. \left. \left. \left(3 \ x^3 - 11 \ x^7 + 14 \ x^9 - 4 \ x^{11} \right) \right. \right. + G \left. \left(-1 + 2 \ x^2 - 4 \ x^4 - 2 \ x^6 + 9 \ x^8 - 7 \ x^{10} + x^{12} \right) \right. \right\} \right\} \end{array} \right\}$$

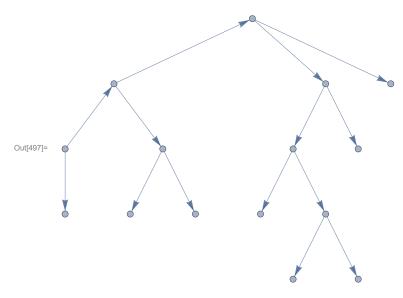


$$\begin{array}{l} \text{Out} [487] = \end{array} \left\{ -\,x\,+\,x^{3}\,-\,x^{5}\,-\,x^{7}\,+\,x^{9}\,+\,x^{13}\,+\,G\,\left(\,1\,-\,2\,\,x^{2}\,+\,4\,\,x^{4}\,+\,2\,\,x^{6}\,-\,6\,\,x^{8}\,+\,2\,\,x^{10}\,-\,4\,\,x^{12}\,+\,3\,\,x^{14}\,\right) \,+\, \\ G^{4}\,\left(\,3\,\,x^{9}\,-\,2\,\,x^{11}\,-\,3\,\,x^{13}\,+\,2\,\,x^{15}\,\right)\,+\,G^{2}\,\left(\,-\,3\,\,x^{3}\,+\,9\,\,x^{7}\,-\,8\,\,x^{9}\,+\,7\,\,x^{11}\,-\,8\,\,x^{13}\,+\,3\,\,x^{15}\,\right) \,+\, \\ G^{5}\,\left(\,2\,\,x^{12}\,-\,3\,\,x^{14}\,+\,x^{16}\,\right)\,+\,G^{3}\,\left(\,-\,3\,\,x^{6}\,+\,7\,\,x^{8}\,-\,8\,\,x^{10}\,+\,6\,\,x^{12}\,-\,3\,\,x^{14}\,+\,x^{16}\,\right) \,\right\} \end{array}$$

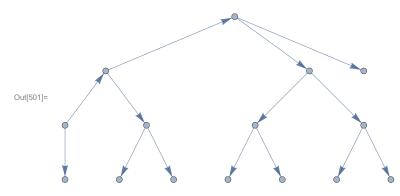




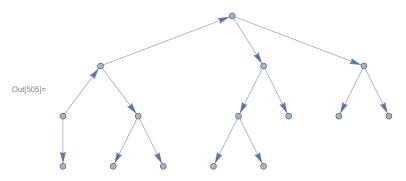
$$\text{Out} [495] = \left. \left\{ -\,x \,+\, x^{3} \,+\, G^{4}\,\, x^{7} \,+\, G\,\, \left(1\,-\,2\,\,x^{2} \,+\, 2\,\,x^{4} \right) \right. \\ \left. +\, G^{2}\,\, \left(-\,2\,\,x^{3} \,+\, 3\,\,x^{5} \right) \right. \\ \left. +\, G^{3}\,\, \left(-\,2\,\,x^{4} \,+\, 2\,\,x^{6} \right) \right. \\ \left. \left. \left(-\,2\,\,x^{4} \,+\, 2\,\,x^{6} \right) \right. \\ \left. \left(-\,2\,\,x^{4} \,+\, 2\,\,x^{6} \right) \right] \right. \\ \left. \left(-\,2\,\,x^{4} \,+\, 2\,\,x^{6} \right) \right. \\ \left. \left(-\,2\,\,x^{4} \,+\, 2\,\,x^{6} \right) \right] \right. \\ \left. \left(-\,2\,\,x^{4} \,+\, 2\,\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{6} \,+\, 2\,\,x^{6} \right) \right] \right. \\ \left. \left(-\,2\,\,x^{6} \,+\, 2\,\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{6} \,+\, 2\,\,x^{6} \right) \right] \right. \\ \left. \left(-\,2\,\,x^{6} \,+\, 2\,\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{6} \,+\, 2\,\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{6} \,+\, 2\,\,x^{6} \right) \right] \right. \\ \left. \left(-\,2\,\,x^{6} \,+\, 2\,\,x^{6} \,+\, 2\,\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{6} \,+\, 2\,\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{6} \,+\, 2\,\,x^{6} \right) \right] \\ \left. \left(-\,2\,\,x^{6} \,+\, 2\,\,x^{6} \,+\, 2\,\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{6} \,+\, 2\,\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{6} \,+\, 2\,\,x^{6} \right) \right] \right. \\ \left. \left(-\,2\,\,x^{6} \,+\, 2\,\,x^{6} \,+\, 2\,\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{6} \,+\, 2\,\,x^{6} \right) \right. \\ \left. \left(-\,2\,\,x^{6} \,+\, 2\,\,x^{6} \,+\, 2\,\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{6} \,+\, 2\,\,x^{6} \right) \right. \\ \left. \left(-\,2\,\,x^{6} \,+\, 2\,\,x^{6} \,+\, 2\,\,x^{6} \right) \right. \\ \left. \left(-\,$$



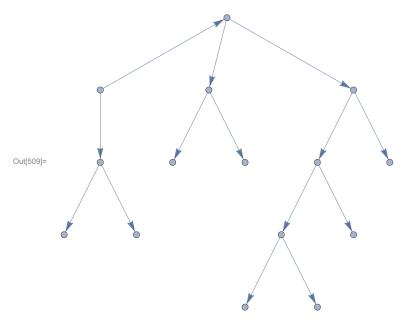
$$\text{Out} [499] = \left. \left\{ x - x^3 + x^5 + G^3 \, \left(x^4 - 2 \, x^6 \right) \right. \\ \left. + \, G \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, G^2 \, \left(3 \, x^3 - 3 \, x^5 + x^7 \right) \right. \right\} \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right] \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^4 + x^4 + x^4 + x^6 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^4 + x^4 + x^4 + x^4 + x^4 + x^4 \right) \right. \\ \left. + \, \left(-1 + 2 \, x^4 + x^4 + x^4 + x^4 + x^4 \right) \right. \\ \left. + \, \left(-1 + 2 \,$$



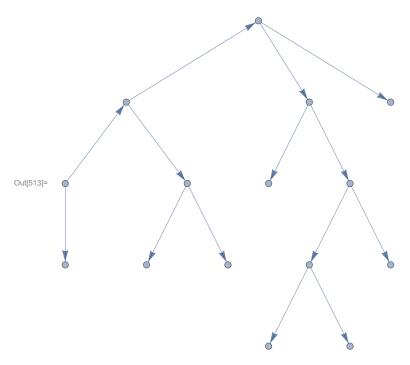
$$\text{Out} [\text{503}] = \left. \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 4 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, + \, 2 \, \, x^6 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, + \, 2 \, x^6 \, + \, 2 \, x^6 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, + \, 2 \,$$



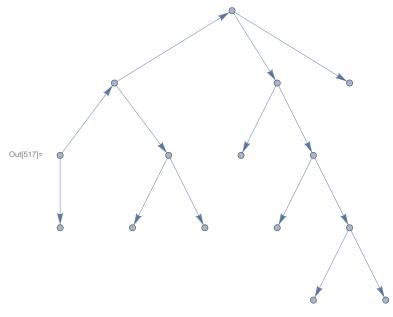
$$\text{Out} \\ \text{[S07]=} \quad \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 2 \, \, x^5 \, \right) \, + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^3 \, \left(\, 2 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



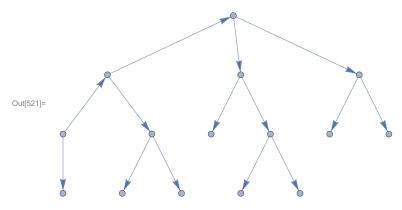
$$\text{Out[511]=} \quad \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(\, x^4 \, - \, 2 \, \, x^6 \, \right) \, + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, x^6 \, \right) \, + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



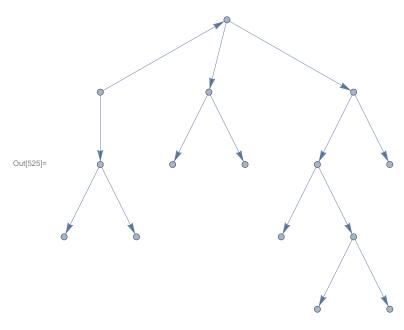
$$\text{Out} \text{[515]=} \quad \left\{ x - x^3 + x^5 + G^3 \; \left(x^4 - x^6 \right) \right. \\ \left. + \; G \; \left(- \, 1 \, + \, 2 \; x^2 \, - \, 4 \; x^4 \, + \, 2 \; x^6 \right) \right. \\ \left. + \; G^2 \; \left(3 \; x^3 \, - \, 4 \; x^5 \, + \, x^7 \right) \right. \\ \left. \left. \right\} \quad \left(- \, 1 \, + \, 2 \; x^2 \, - \, 4 \; x^4 \, + \, 2 \; x^6 \right) \right. \\ \left. \left. + \; G^2 \; \left(3 \; x^3 \, - \, 4 \; x^5 \, + \, x^7 \right) \right. \\ \left. \left. \right\} \quad \left(- \, 1 \, + \, 2 \; x^2 \, - \, 4 \; x^4 \, + \, 2 \; x^6 \right) \right. \\ \left. \left. \left(- \, 1 \, + \, 2 \; x^2 \, - \, 4 \; x^4 \, + \, 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 \, + \, 2 \; x^2 \, - \, 4 \; x^4 \, + \, 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 \, + \, 2 \; x^2 \, - \, 4 \; x^4 \, + \, 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 \, + \, 2 \; x^2 \, - \, 4 \; x^4 \, + \, 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 \, + \, 2 \; x^2 \, - \, 4 \; x^4 \, + \, 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 \, + \, 2 \; x^2 \, - \, 4 \; x^4 \, + \, 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 \, + \, 2 \; x^2 \, - \, 4 \; x^4 \, + \, 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 \, + \, 2 \; x^2 \, - \, 4 \; x^4 \, + \, 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 \, + \, 2 \; x^2 \, - \, 4 \; x^4 \, + \, 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 \, + \, 2 \; x^2 \, - \, 4 \; x^4 \, + \, 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 \, + \, 2 \; x^2 \, - \, 4 \; x^4 \, + \, 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 \, + \, 2 \; x^2 \, - \, 4 \; x^4 \, + \, 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 \, + \, 2 \; x^2 \, - \, 4 \; x^4 \, + \, 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 \, + \, 2 \; x^2 \, - \, 4 \; x^4 \, + \, 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 \, + \, 2 \; x^2 \, - \, 4 \; x^4 \, + \, 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 \, + \, 2 \; x^2 \, - \, 4 \; x^4 \, + \, 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 \, + \, 2 \; x^2 \, - \, 4 \; x^4 \, + \, 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 \, + \, 2 \; x^2 \, - \, 4 \; x^4 \, + \, 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 \, + \, 2 \; x^2 \, - \, 4 \; x^4 \, + \, 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 \, + \, 2 \; x^2 \, - \, 4 \; x^4 \, + \, 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 \, + \, 2 \; x^4 \, - \, 4 \; x^4 \, + \, 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 \, + \, 2 \; x^4 \, - \, 4 \; x^4 \, + \, 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 \, + \, 2 \; x^4 \, - \, 4 \; x^4 \, + \, 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 \, + \, 2 \; x^4 \, + \, 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 \, + \, 2 \; x^4 \, + \, 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 \, + \, 2 \; x^4 \, + \, 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 \, + \, 2 \; x^4 \, + \, 2 \; x^6 \right) \right. \\ \left. \left(- \, 1 \, + \, 2 \; x^4 \, + \, 2$$

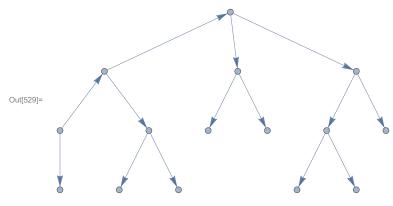


$$\text{Out} \text{[519]=} \quad \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,3\,\,x^3\,+\,2\,\,x^5\right) \,+\,G^2\,\,\left(1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6\right) \,+\,G\,\,\left(-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7\right) \,\right\}$$

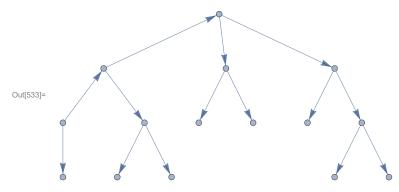


$$\text{Out} [\text{523}] = \left. \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\, \left(\,-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. +\,G^2\,\, \left(\,1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. +\,G\,\, \left(\,-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(\,-\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. \left(\,-\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. \left(\,-\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. \left(\,-\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,-\,x^4\,+\,x^6\,+\,G^3\,+\,G^4$$

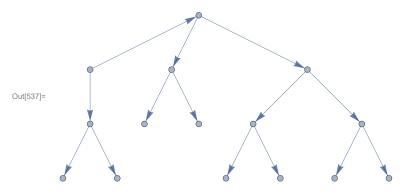




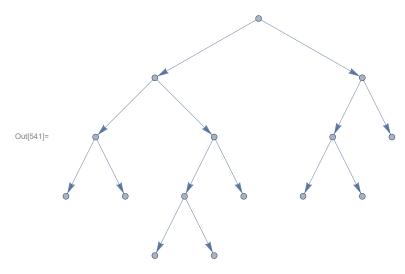
$$\text{Out} [\texttt{531}] = \ \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 3 \, \, x^5 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 6 \, \, x^4 \, + \, 3 \, \, x^6 \, \right) \, + \, G^3 \, \left(\, 3 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



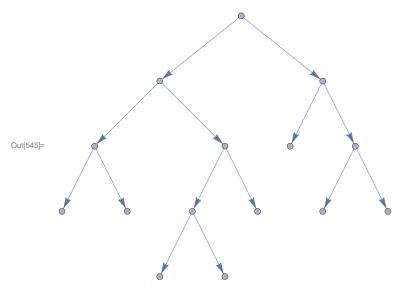
$$\text{Out} \\ \text{[535]= } \left\{ x^5 + G^4 \ \left(-2 \ x^3 + x^5 \right) \ + G^3 \ \left(1 - 4 \ x^2 + 6 \ x^4 - 2 \ x^6 \right) \ + G \ \left(-4 \ x^4 + 2 \ x^6 \right) \ + G^2 \ \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \ \right\} \\ \text{Out} \\ \text{[535]= } \left\{ x^5 + G^4 \ \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) + G^4 \ \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right\} \\ \text{[54]} \left\{ x^5 + G^4 \ \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) + G^4 \ \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right\} \\ \text{[54]} \left\{ x^5 + G^4 \ \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) + G^4 \ \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right\} \\ \text{[54]} \left\{ x^5 + G^4 \ \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) + G^4 \ \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right\} \\ \text{[54]} \left\{ x^5 + G^4 \ \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) + G^4 \ \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right\} \\ \text{[54]} \left\{ x^5 + G^4 \ \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) + G^4 \ \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right\} \\ \text{[54]} \left\{ x^5 + G^4 \ \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) + G^4 \ \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right\} \\ \text{[54]} \left\{ x^5 + G^4 \ \left(-x + 6 \ x^3 - 2 \ x^5 + x^7 \right) + G^4 \ \left(-x + 6 \ x^3 - 2 \ x^5 + x^7 \right) \right\} \\ \text{[54]} \left\{ x^5 + G^4 \ \left(-x + 6 \ x^3 - 2 \ x^5 + x^7 \right) + G^4 \ \left(-x + 6 \ x^3 - 2 \ x^5 + x^7 \right) \right\} \\ \text{[54]} \left\{ x^5 + G^4 \ \left(-x + 6 \ x^3 - 2 \ x^5 + x^7 \right) + G^4 \ \left(-x + 2 \ x^5 + x^7 \right) \right\} \\ \text{[54]} \left\{ x^5 + G^4 \ \left(-x + 2 \ x^5 + x^7 \right) + G^4 \ \left(-x + 2 \ x^5 + x^7 \right) \right\} \\ \text{[54]} \left\{ x^5 + G^4 \ \left(-x + 2 \ x^5 + x^7 \right) + G^4 \ \left(-x + 2 \ x^7 \right) \right\} \\ \text{[54]} \left\{ x^5 + G^4 \ \left(-x + 2 \ x^7 \right) + G^4 \ \left(-x + 2 \ x^7 \right) + G^4 \ \left(-x + 2 \ x^7 \right) \right\} \\ \text{[54]} \left\{ x^5 + G^4 \ \left(-x + 2 \ x^7 \right) + G^4 \ \left(-x + 2 \ x^7 \right) + G^4 \ \left(-x + 2 \ x^7 \right) \right\} \\ \text{[54]} \left\{ x^5 + G^4 \ \left(-x + 2 \ x^7 \right) + G^4 \ \left(-x + 2 \ x^7 \right) + G^4 \ \left(-x + 2 \ x^7 \right) \right\} \\ \text{[54]} \left\{ x^5 + G^4 \ \left(-x + 2 \ x^7 \right) + G^4 \ \left(-x + 2 \ x^7 \right) + G^4 \ \left(-x + 2 \ x^7 \right) \right\} \\ \text{[54]} \left\{ x^5 + G^4 \ \left(-x + 2 \ x^7 \right) + G^4 \ \left(-x + 2 \ x^7 \right) + G^4 \ \left(-x + 2 \ x^7 \right) \right\} \\ \text{[54]} \left\{ x^5 + G^4 \ \left(-x + 2 \ x^7 \right) + G^4 \ \left(-x + 2 \ x^7 \right) + G^4 \ \left(-x + 2 \ x^7 \right) \right\} \right\}$$



$$\text{Out} \text{[539]=} \quad \left\{ -\,x \,+\, x^3 \,-\, 2\,\, x^5 \,+\, x^7 \,+\, G^2 \,\, \left(-\,4\,\, x^3 \,+\, 4\,\, x^5 \right) \right. \,+\, G \,\, \left(1\,-\, 2\,\, x^2 \,+\, 6\,\, x^4 \,-\, 4\,\, x^6 \right) \, \right\}$$

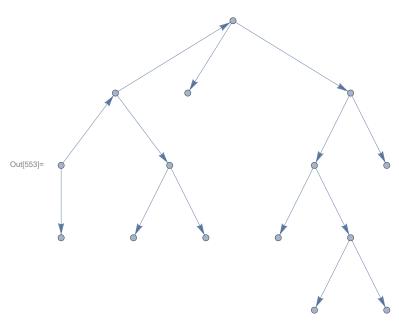


$$\text{Out} [\text{543}] = \left. \left\{ x - x^3 + x^5 + G^3 \, \left(x^4 - x^6 \right) \right. \\ \left. + \, G \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, G^2 \, \left(3 \, x^3 - 4 \, x^5 + x^7 \right) \right. \right\} \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^4 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^4 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(- \, 1 + 2 \, x^4 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^4 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^4 - 2 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^4 + 2 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^4 + 2 \, x^4 + 2 \, x^4 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^4 + 2 \, x^4 + 2 \, x^4 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^4 + 2 \, x^4$$

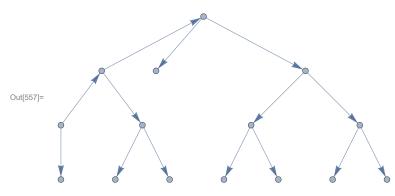


$$\text{Out} \text{[547]=} \quad \left\{ \, x \, - \, x^3 \, + \, 2 \, \, x^5 \, - \, G^3 \, \, x^6 \, + \, G \, \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 6 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \, \left(4 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$

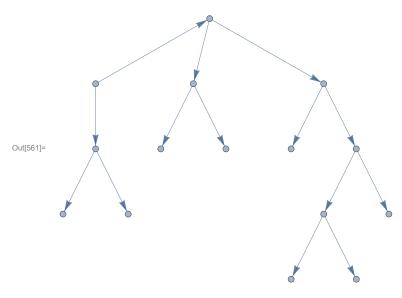
$$\text{Out[551]=} \quad \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 2 \, \, x^5 \, \right) \, + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^3 \, \left(\, 2 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



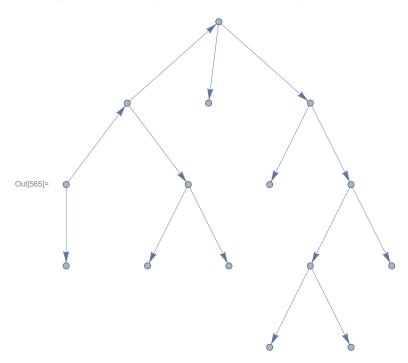
$$\text{Out} \text{[555]=} \quad \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,3\,\,x^3\,+\,2\,\,x^5\right) \,+\,G^2\,\,\left(1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6\right) \,+\,G\,\,\left(-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7\right) \,\right\}$$



$$\text{Out[559]=} \quad \left\{ \, x^5 \, + \, G^4 \ \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \, + \, G^3 \ \, \left(\, 1 \, - \, 4 \, \, x^2 \, + \, 6 \, \, x^4 \, - \, 2 \, \, x^6 \, \right) \, + \, G \, \, \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^2 \, \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$

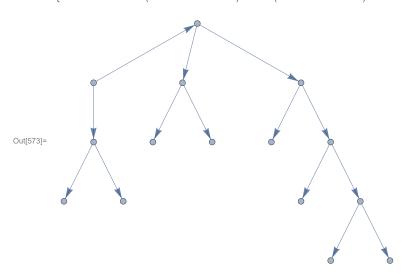


$$\text{Out} [563] = \left. \left\{ \, x^2 \, - \, x^4 \, + \, x^6 \, + \, G^3 \, \left(\, - \, 4 \, \, x^3 \, + \, 5 \, \, x^5 \, - \, 2 \, \, x^7 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x \, + \, 3 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, 2 \, \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^4 \, + \, x^8 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^4 \, + \, x^8 \, + \, x^8 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^4 \, + \, x^8 \, + \, x^8 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^4 \, + \, x^8 \, + \, x^8 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^4 \, + \, x^8 \,$$

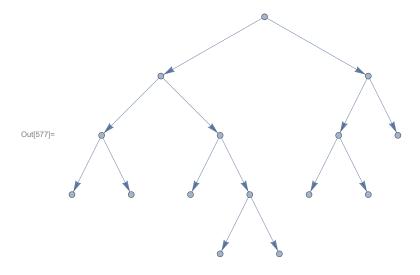


$$\text{Out} [\text{567}] = \left\{ \, x^5 \, + \, G^4 \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \, + \, G^3 \, \left(\, 1 \, - \, 4 \, \, x^2 \, + \, 6 \, \, x^4 \, - \, 2 \, \, x^6 \, \right) \, + \, G \, \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$

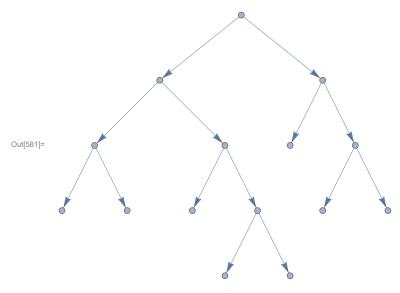
$$\text{Out} [\text{571}] = \left. \left\{ G^5 \ x^3 + x^6 + G^4 \ \left(-1 + 5 \ x^2 - 4 \ x^4 \right) \right. \\ \left. + G^3 \ \left(x - 10 \ x^3 + 6 \ x^5 \right) \right. \\ \left. + G^2 \ \left(10 \ x^4 - 4 \ x^6 \right) \right. \\ \left. + G \left(-5 \ x^5 + x^7 \right) \right. \\ \left. \right\} \left. \left(-5 \ x^5 + x^7 \right) \right. \\ \left. \left(-5 \ x^5 + x^7 \right) \right] \\ \left. \left(-5 \ x^5 + x^7 \right) \\ \left. \left(-5 \ x^5 + x^7 \right) \right] \\ \left. \left(-5 \ x^5 + x^7 \right) \right] \\ \left. \left(-5 \ x^5 + x^7 \right) \right] \\ \left. \left(-5 \ x^5 + x^7 \right) \right] \\ \left. \left(-5 \ x^5 + x^7 \right) \right] \\ \left. \left(-5 \ x^5 + x^7 \right) \\ \left. \left(-5 \ x^7 \right) \right] \\ \left. \left(-5 \ x^7 \right) \right] \\ \left. \left(-5 \ x^7 + x^7 \right) \right] \\ \left. \left(-5 \ x^7 + x^7 \right) \right] \\ \left. \left(-5 \ x^7 + x^7 \right) \right] \\ \left. \left(-5 \ x^7 + x^7 \right) \right] \\ \left. \left(-5 \ x^7 + x^7 \right) \right] \\$$



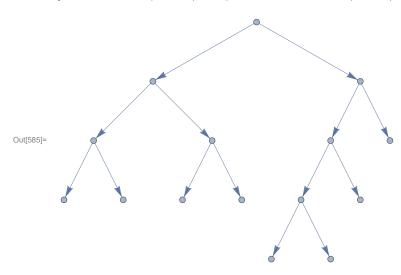
$$\text{Out} [\text{575}] = \left. \left\{ \, x^2 \, - \, x^4 \, + \, x^6 \, + \, G^3 \, \left(\, - \, 4 \, \, x^3 \, + \, 5 \, \, x^5 \, - \, 2 \, \, x^7 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x \, + \, 3 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, 2 \, \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. \left. \left(\, - \, 2 \, \, x \, + \, 3 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, 2 \, \, x^7 \, \right) \right. \\ \left. \left. \left(\, - \, 2 \, \, x^4 \, + \, x^6 \, + \, 6 \, x^3 \, + \, 5 \, x^5 \, - \, 2 \, x^7 \, \right) \right. \\ \left. \left. \left(\, - \, 2 \, \, x \, + \, 3 \, x^3 \, - \, 6 \, x^5 \, + \, 2 \, x^7 \, \right) \right. \\ \left. \left(\, - \, 2 \, x^4 \, + \, x^6 \, + \, 6 \, x^3 \, + \, 5 \, x^5 \, - \, 2 \, x^7 \, \right) \right. \\ \left. \left(\, - \, 2 \, x \, + \, 3 \, x^3 \, - \, 6 \, x^5 \, + \, 2 \, x^7 \, \right) \right. \\ \left. \left(\, - \, 2 \, x^4 \, + \, x^6 \, + \, 6 \, x^3 \, + \, 5 \, x^5 \, - \, 2 \, x^7 \, \right) \right. \\ \left. \left(\, - \, 2 \, x^4 \, + \, x^6 \, + \, 6 \, x^3 \, + \, 5 \, x^5 \, - \, 2 \, x^7 \, \right) \right. \\ \left. \left(\, - \, 2 \, x^4 \, + \, x^6 \, + \, 6 \, x^3 \, + \, 5 \, x^5 \, - \, 2 \, x^7 \, \right) \right. \\ \left. \left(\, - \, 2 \, x^4 \, + \, x^6 \, + \, 6 \, x^5 \, + \, 2 \, x^7 \, \right) \right. \\ \left. \left(\, - \, 2 \, x^4 \, + \, x^6 \, + \, 6 \, x^3 \, + \, 5 \, x^5 \, - \, 2 \, x^7 \, \right) \right. \\ \left. \left(\, - \, 2 \, x^4 \, + \, x^6 \, + \, 6 \, x^3 \, + \, 5 \, x^5 \, - \, 2 \, x^7 \, \right) \right. \\ \left. \left(\, - \, 2 \, x^4 \, + \, x^6 \, + \, 6 \, x^5 \, + \, 5 \, x^5 \, - \, 2 \, x^7 \, \right) \right. \\ \left. \left(\, - \, 2 \, x^4 \, + \, x^6 \, + \, 6 \, x^5 \, + \, 5 \, x^5 \, - \, 2 \, x^7 \, \right) \right. \\ \left. \left(\, - \, 2 \, x^4 \, + \, x^6 \, + \, 5 \, x^5 \, + \, 5 \, x^5 \, - \, 2 \, x^7 \, \right) \right. \\ \left. \left(\, - \, 2 \, x^4 \, + \, x^6 \, + \, 5 \, x^5 \, +$$



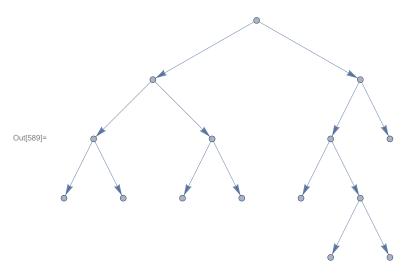
$$\text{Out} [\text{579}] = \left. \left\{ x - x^3 + 2 \ x^5 - G^3 \ x^6 + G \ \left(-1 + 2 \ x^2 - 6 \ x^4 + 2 \ x^6 \right) \right. \right. \\ \left. + G^2 \left. \left(4 \ x^3 - 3 \ x^5 + x^7 \right) \right. \right\} = \left. \left(4 \ x^3 - 3 \ x^5 + x^7 \right) \right. \\ \left. \left(4 \ x^3 - 3 \ x^5 + x^7 \right) \right. \\ \left. \left(4 \ x^3 - 3 \ x^5 + x^7 \right) \right. \\ \left. \left(4 \ x^3 - 3 \ x^5 + x^7 \right) \right. \\ \left. \left(4 \ x^3 - 3 \ x^5 + x^7 \right) \right. \\ \left. \left(4 \ x^3 - 3 \ x^5 + x^7 \right) \right. \\ \left. \left(4 \ x^3 - 3 \ x^5 + x^7 \right) \right. \\ \left. \left(4 \ x^3 - 3 \ x^5 + x^7 \right) \right. \\ \left. \left(4 \ x^3 - 3 \ x^5 + x^7 \right) \right. \\ \left. \left(4 \ x^3 - 3 \ x^5 + x^7 \right) \right. \\ \left. \left(4 \ x^3 - 3 \ x^5 + x^7 \right) \right. \\ \left. \left(4 \ x^3 - 3 \ x^5 + x^7 \right) \right. \\ \left. \left(4 \ x^3 - 3 \ x^5 + x^7 \right) \right. \\ \left. \left(4 \ x^3 - 3 \ x^5 + x^7 \right) \right. \\ \left. \left(4 \ x^3 - 3 \ x^5 + x^7 \right) \right] \\ \left. \left(4 \ x^3 - 3 \ x^7 + x^7 \right) \right] \\ \left. \left(4 \ x^3 - 3 \ x^7 + x^7 \right) \right] \\ \left. \left(4 \ x^3 - 3 \ x^7 + x^7 \right) \right] \\ \left. \left(4 \ x^3 - 3 \ x^7 + x^7 \right) \right] \\ \left. \left(4 \ x^3 - 3 \ x^7 + x^7 \right) \right] \\ \left. \left(4 \ x^3 - 3 \ x^7 + x^7 \right) \right] \\ \left. \left(4 \ x^3 - 3 \ x^7 + x^7 \right) \right] \\ \left. \left(4 \ x^3 - 3 \ x^7 +$$

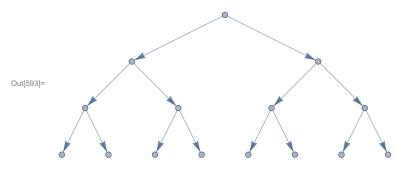


$$\text{Out} [\text{583}] = \left. \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 4 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, + \, 2 \, \, x^6 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, + \, 2 \, \,$$

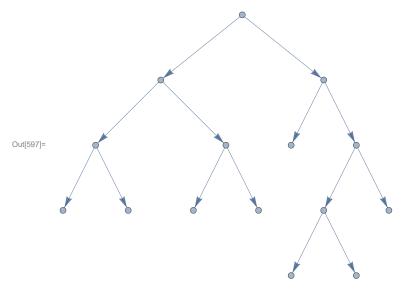


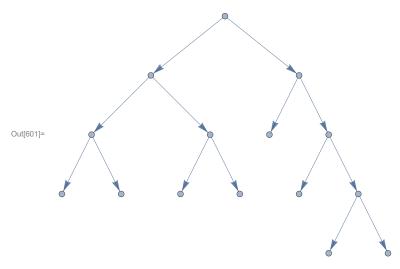
$$\text{Out} \text{[587]= } \left\{ x - x^3 + x^5 + G^3 \left(x^4 - 2 \ x^6 \right) \right. \\ \left. + G \left(-1 + 2 \ x^2 - 4 \ x^4 + x^6 \right) \right. \\ \left. + G^2 \left(3 \ x^3 - 3 \ x^5 + x^7 \right) \right. \\ \left. \right\} \left(x - x^3 + x^5 + x^$$



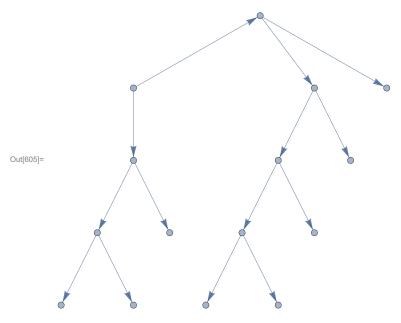


$$\text{Out} [\text{595}] = \left. \left\{ -\,x \,+\, x^3 \,-\, 2\,\, x^5 \,+\, x^7 \,+\, G^2 \,\, \left(-\,4\,\, x^3 \,+\, 4\,\, x^5 \right) \right. \,+\, G \,\, \left(1 \,-\, 2\,\, x^2 \,+\, 6\,\, x^4 \,-\, 4\,\, x^6 \right) \, \right\}$$

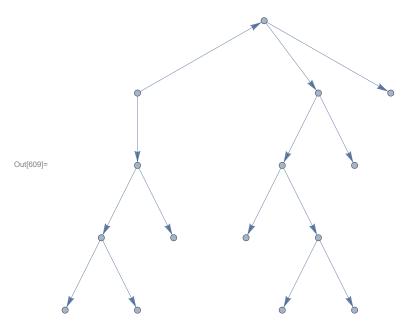




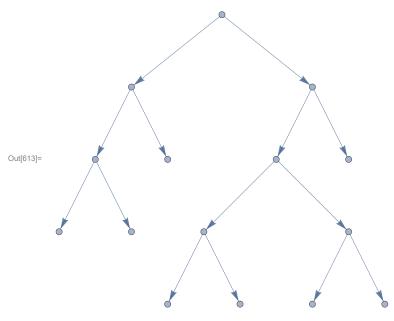
$$\text{Out[603]=} \quad \left\{ x - x^3 + x^5 + G^3 \; \left(x^4 - 2 \; x^6 \right) \right. \\ \left. + \; G \; \left(-1 + 2 \; x^2 - 4 \; x^4 + x^6 \right) \right. \\ \left. + \; G^2 \; \left(3 \; x^3 - 3 \; x^5 + x^7 \right) \right. \\ \left. \right\} \\ \left. \left(x - x^4 + x^6 \right) \right. \\ \left. \left(x - x^4 + x^6 \right) \right] \\ \left. \left(x - x^4 + x^6 \right) \right$$



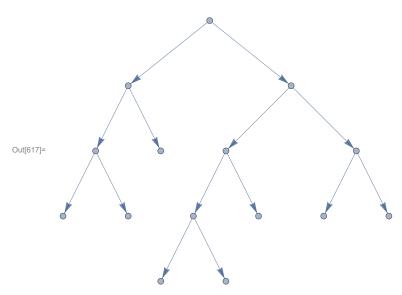
$$\text{Out} [\text{GO7}] = \left. \left\{ -\,x\,+\,x^{3}\,+\,G^{4}\,\,x^{7}\,+\,G\,\,\left(1\,-\,2\,\,x^{2}\,+\,2\,\,x^{4} \right) \right. \\ \left. +\,G^{2}\,\,\left(-\,2\,\,x^{3}\,+\,3\,\,x^{5} \right) \right. \\ \left. +\,G^{3}\,\,\left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right] \right. \\ \left. \left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right] \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,\,x^{6} \right) \right] \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right] \\ \left. \left(-\,2\,\,$$



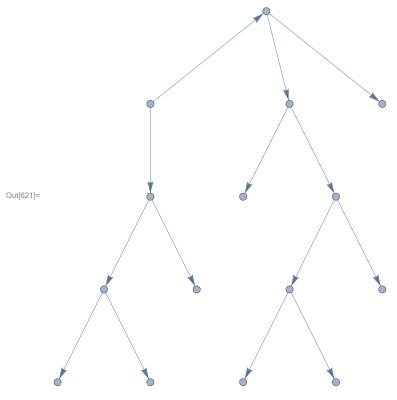
$$\begin{array}{l} \text{Out[611]=} & \left\{ \, -\, x^2\, +\, x^4\, -\, x^6\, +\, G^5\, \, x^9\, +\, G\, \left(\, 2\,\, x\, -\, 4\,\, x^3\, +\, 6\,\, x^5\, -\, x^7\, \right)\, +\, \\ & G^3\, \left(\, 3\,\, x^3\, -\, 6\,\, x^5\, +\, 6\,\, x^7\, \right)\, +\, G^2\, \left(\, -\, 1\, +\, 3\,\, x^2\, -\, 9\,\, x^4\, +\, 6\,\, x^6\, -\, x^8\, \right)\, +\, G^4\, \left(\, x^4\, -\, 4\,\, x^6\, +\, 2\,\, x^8\, \right)\, \right\}$$



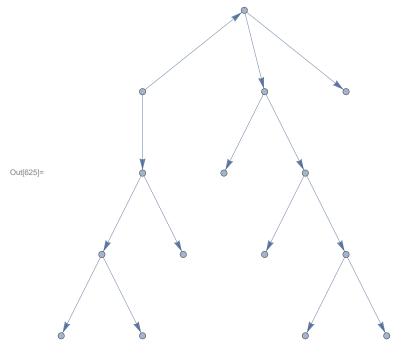
$$\text{Out[615]=} \quad \left\{ x - x^3 + x^5 + G^3 \; \left(x^4 - 2 \; x^6 \right) \right. \\ \left. + \; G \; \left(-1 + 2 \; x^2 - 4 \; x^4 + x^6 \right) \right. \\ \left. + \; G^2 \; \left(3 \; x^3 - 3 \; x^5 + x^7 \right) \right. \\ \left. \right\} \\ \left. \left(x - x^4 + x^6 \right) \right. \\ \left. \left(x - x^4 + x^6 \right) \right] \\ \left. \left(x - x^4 + x^6 \right) \right$$



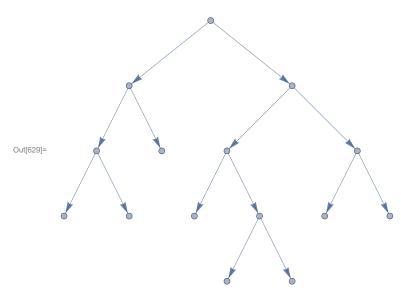
$$\text{Out[619]=} \quad \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \, + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 4 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



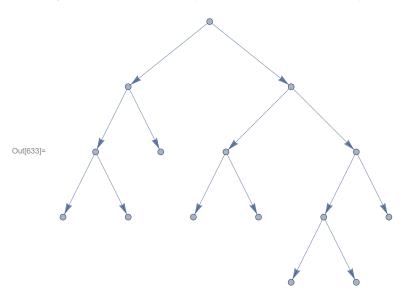
$$\text{Out} [\text{623}] = \left. \left\{ -\,x \,+\, x^3 \,-\, x^5 \,+\, G^4\,\, x^7 \,+\, G^2\,\, \left(\,-\,3\,\, x^3 \,+\, 3\,\, x^5 \,\right) \right. \\ \left. +\,G\,\, \left(\,1 \,-\, 2\,\, x^2 \,+\, 4\,\, x^4 \,-\, x^6 \,\right) \right. \\ \left. +\,G^3\,\, \left(\,-\, x^4 \,+\, x^6 \,\right) \right. \\ \left. \left. \left(\,-\, x^4 \,+\, x^6 \,+\, x^4 \,+\, x^6 \,+\, x^6 \,+\, x^4 \,+\, x^6 \,+\, x^6 \,+\, x^4 \,+\, x^6 \,+\, x$$



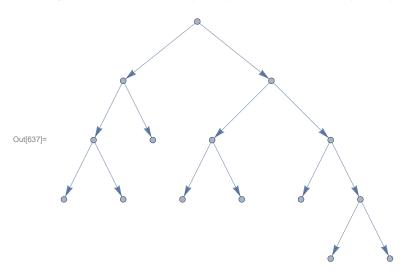
$$\begin{array}{l} \text{Out} [\text{627}] = \end{array} \left\{ \left. x - x^3 + 2 \ x^5 + x^9 + G^3 \ \left(- x^6 + x^{10} \right) \right. \\ \left. + G \left(-1 + 2 \ x^2 - 6 \ x^4 + 2 \ x^6 - 3 \ x^8 + 2 \ x^{10} \right) \right. \\ \left. + G^2 \left(4 \ x^3 - 3 \ x^5 + 3 \ x^7 - 3 \ x^9 + x^{11} \right) \right. \\ \left. + G^4 \left(-2 \ x^9 + x^{11} \right) \right. \right\} \end{array}$$



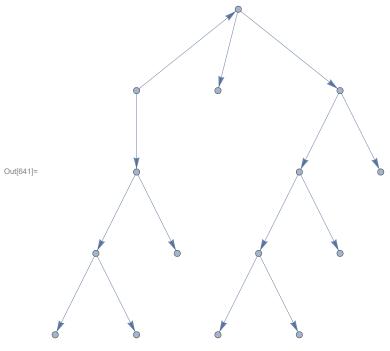
$$\text{Out} [\text{631}] = \hspace{0.1cm} \left\{ \hspace{0.1cm} x \hspace{0.1cm} - \hspace{0.1cm} x^3 \hspace{0.1cm} + \hspace{0.1cm} 2 \hspace{0.1cm} x^5 \hspace{0.1cm} - \hspace{0.1cm} G^3 \hspace{0.1cm} x^6 \hspace{0.1cm} + \hspace{0.1cm} G \hspace{0.1cm} \left(\hspace{0.1cm} - \hspace{0.1cm} 1 \hspace{0.1cm} + \hspace{0.1cm} 2 \hspace{0.1cm} x^2 \hspace{0.1cm} - \hspace{0.1cm} 6 \hspace{0.1cm} x^4 \hspace{0.1cm} + \hspace{0.1cm} 2 \hspace{0.1cm} x^6 \hspace{0.1cm} \right) \hspace{0.1cm} + \hspace{0.1cm} G^2 \hspace{0.1cm} \left(\hspace{0.1cm} 4 \hspace{0.1cm} x^3 \hspace{0.1cm} - \hspace{0.1cm} 3 \hspace{0.1cm} x^5 \hspace{0.1cm} + \hspace{0.1cm} x^7 \hspace{0.1cm} \right) \hspace{0.1cm} \right\}$$



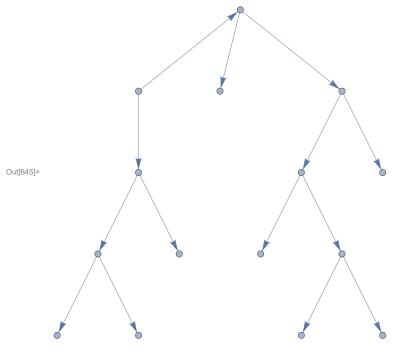
$$\text{Out[635]=} \quad \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \, + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 4 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



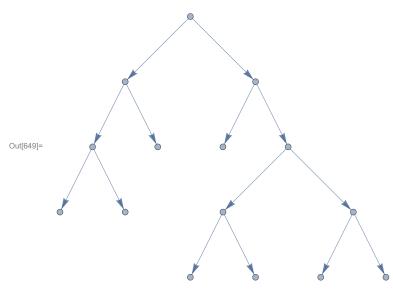
$$\text{Out} [\text{639}] = \left. \left\{ x - x^3 + x^5 + G^3 \, \left(x^4 - x^6 \right) \right. \\ \left. + \, G \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, G^2 \, \left(3 \, x^3 - 4 \, x^5 + x^7 \right) \right. \right\} \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^4 - 2 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^4 - 2 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^4 - 2 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^4 - 2 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^4 - 2 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^4 - 2 \, x^4 + 2 \, x^6 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^4 - 2 \, x^4 + 2 \, x^4 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^4 + 2 \, x^4 + 2 \, x^4 \right) \right] \right. \\ \left. + \, \left(- \, 1 + 2 \, x^4$$



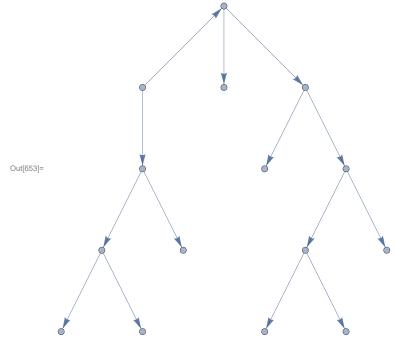
$$\begin{array}{l} \text{Out} [643] = \end{array} \left. \left\{ \, x - x^3 + x^7 + G \, \left(-\,1 + 2\,\,x^2 - 2\,\,x^4 - 3\,\,x^6 + 4\,x^8 \right) \, + G^2 \, \left(2\,\,x^3 + x^5 - 9\,\,x^7 + 7\,\,x^9 \right) \, + G^3 \, \left(4\,\,x^6 - 11\,\,x^8 + 7\,\,x^{10} \right) \, + G^4 \, \left(3\,\,x^7 - 7\,\,x^9 + 4\,\,x^{11} \right) \, + G^5 \, \left(x^8 - 2\,\,x^{10} + x^{12} \right) \, \right\} \end{array} \right.$$



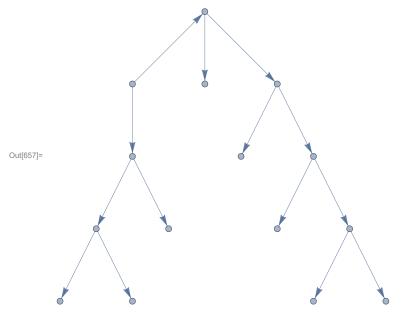
$$\begin{array}{l} \text{Out} [\text{647}] = \end{array} \left\{ \begin{array}{l} x - x^3 + x^5 + x^7 - x^9 + G^5 \ x^{12} + G \ \left(-1 + 2 \ x^2 - 4 \ x^4 - 2 \ x^6 + 6 \ x^8 - x^{10} \right) \ + \\ G^3 \ \left(3 \ x^6 - 6 \ x^8 + 6 \ x^{10} \right) \ + G^2 \ \left(3 \ x^3 - 9 \ x^7 + 6 \ x^9 - x^{11} \right) \ + G^4 \ \left(-4 \ x^9 + 2 \ x^{11} \right) \ \right\} \end{array} \right.$$



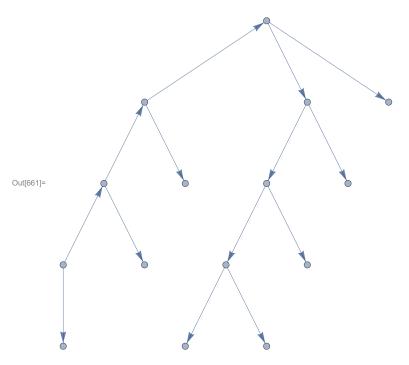
$$\begin{array}{ll} \text{Out[651]=} & \left\{ -\,x\,+\,x^{3}\,-\,x^{7}\,+\,x^{9}\,+\,G^{3}\,\,\left(\,-\,x^{4}\,-\,2\,\,x^{6}\,+\,5\,\,x^{8}\,-\,2\,\,x^{10} \right) \right. \\ & \left. G\,\,\left(\,1\,-\,2\,\,x^{2}\,+\,2\,\,x^{4}\,+\,2\,\,x^{6}\,-\,6\,\,x^{8}\,+\,2\,\,x^{10} \right) \right. \\ & \left. \left. G\,\,\left(\,1\,-\,2\,\,x^{2}\,+\,2\,\,x^{4}\,+\,2\,\,x^{6}\,-\,6\,\,x^{8}\,+\,2\,\,x^{10} \right) \right. \\ & \left. \left. \left(\,1\,-\,2\,\,x^{2}\,+\,2\,\,x^{4}\,+\,2\,\,x^{6}\,-\,6\,\,x^{8}\,+\,2\,\,x^{10} \right) \right. \\ & \left. \left(\,1\,-\,2\,\,x^{2}\,+\,2\,\,x^{4}\,+\,2\,\,x^{6}\,-\,2\,\,x^{10} \right) \right. \\ & \left. \left(\,1\,-\,2\,\,x^{2}\,+\,2\,\,x^{4}\,+\,2\,\,x^{2}\,-\,2\,\,x^{10} \right) \right. \\ & \left. \left(\,1\,-\,2\,\,x^{2}\,+\,2\,\,x^$$



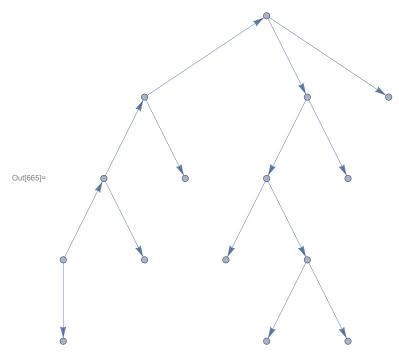
$$\begin{array}{l} \text{Out[655]=} & \left\{ -\,x\,+\,x^{3}\,-\,x^{5}\,+\,x^{7}\,-\,x^{9}\,+\,x^{11}\,+\,x^{15}\,+\,G\,\,\left(1\,-\,2\,\,x^{2}\,+\,4\,\,x^{4}\,-\,4\,\,x^{6}\,+\,5\,\,x^{8}\,-\,8\,\,x^{10}\,+\,3\,\,x^{12}\,-\,5\,\,x^{14}\,+\,5\,\,x^{16}\right)\,+\,G^{2}\,\,\left(-\,3\,\,x^{3}\,+\,5\,\,x^{5}\,-\,6\,\,x^{7}\,+\,16\,\,x^{9}\,-\,15\,\,x^{11}\,+\,12\,\,x^{13}\,-\,20\,\,x^{15}\,+\,10\,\,x^{17}\right)\,+\,G^{3}\,\,\left(-\,x^{4}\,+\,2\,\,x^{6}\,-\,9\,\,x^{8}\,+\,18\,\,x^{10}\,-\,17\,\,x^{12}\,+\,28\,\,x^{14}\,-\,30\,\,x^{16}\,+\,10\,\,x^{18}\right)\,+\,G^{4}\,\,\left(\,x^{7}\,-\,5\,\,x^{9}\,+\,8\,\,x^{11}\,-\,16\,\,x^{13}\,+\,27\,\,x^{15}\,-\,20\,\,x^{17}\,+\,5\,\,x^{19}\right)\,+\,G^{5}\,\,\left(\,2\,\,x^{12}\,-\,7\,\,x^{14}\,+\,9\,\,x^{16}\,-\,5\,\,x^{18}\,+\,x^{20}\right)\,\,\right\} \end{array}$$



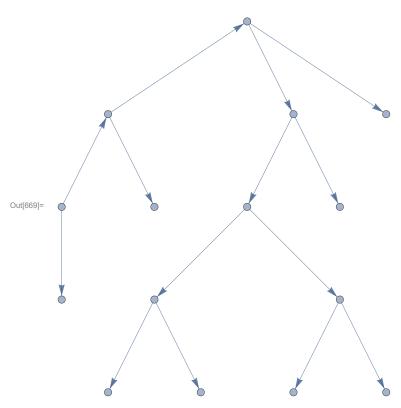
$$\text{Out[659]=} \quad \left\{ -\,x\,+\,x^{3}\,+\,G\,\,\left(\,1\,-\,2\,\,x^{2}\,+\,2\,\,x^{4}\,\right) \,+\,G^{2}\,\,\left(\,-\,2\,\,x^{3}\,+\,2\,\,x^{5}\,\right) \,+\,G^{3}\,\,\left(\,-\,x^{4}\,+\,2\,\,x^{6}\,\right) \,+\,G^{4}\,\,\left(\,-\,x^{5}\,+\,x^{7}\,\right) \,\right\}$$



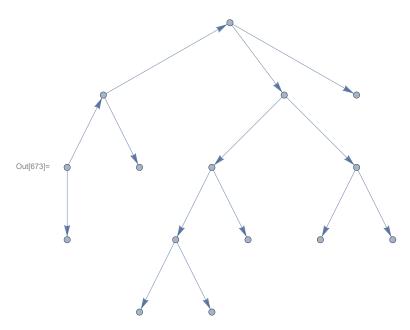
$$\begin{array}{l} \text{Out} [663] = \end{array} \left\{ -\,x^{3}\,+\,x^{5}\,+\,G\,\left(\,3\,\,x^{2}\,-\,4\,\,x^{4}\,+\,4\,\,x^{6}\,\right)\,\,+\,G^{2}\,\left(\,-\,3\,\,x\,+\,5\,\,x^{3}\,-\,12\,\,x^{5}\,+\,6\,\,x^{7}\,\right)\,\,+\,\,G^{3}\,\left(\,1\,-\,2\,\,x^{2}\,+\,12\,\,x^{4}\,-\,12\,\,x^{6}\,+\,4\,\,x^{8}\,\right)\,\,+\,G^{4}\,\left(\,-\,4\,\,x^{3}\,+\,6\,\,x^{5}\,-\,4\,\,x^{7}\,+\,x^{9}\,\right)\,\,\right\} \,. \end{array}$$



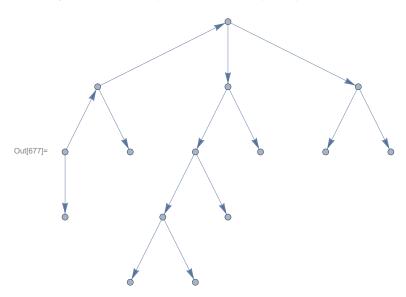
$$\text{Out} [667] = \left. \left\{ x^2 - x^4 + x^6 + G^3 \, \left(-4 \, x^3 + 5 \, x^5 - 2 \, x^7 \right) \right. \\ \left. + G \, \left(-2 \, x + 3 \, x^3 - 6 \, x^5 + 2 \, x^7 \right) \right. \\ \left. + G^2 \, \left(1 - 2 \, x^2 + 9 \, x^4 - 7 \, x^6 + x^8 \right) \right. \\ \left. \left(-2 \, x + 3 \, x^3 - 6 \, x^5 + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x^3 - 6 \, x^5 + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x^3 - 6 \, x^5 + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x^3 - 6 \, x^5 + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x^3 - 6 \, x^5 + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x^3 - 6 \, x^5 + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x + 2 \, x + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \,$$



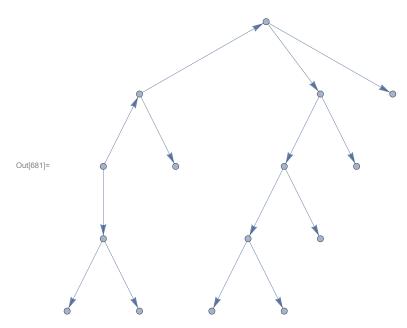
$$\text{Out} [\text{671}] = \left. \left\{ \, x^2 \, - \, x^4 \, + \, x^6 \, + \, G^3 \, \left(\, -4 \, \, x^3 \, + \, 5 \, \, x^5 \, - \, 2 \, \, x^7 \right) \right. \\ \left. + \, G \, \left(\, -2 \, \, x \, + \, 3 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, 2 \, \, x^7 \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, + \, x^8 \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, + \, x^8 \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, + \, x^8 \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 3 \, \, x^4 \, + \, x^8 \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 3 \, \, x^4 \, + \, x^8 \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x$$



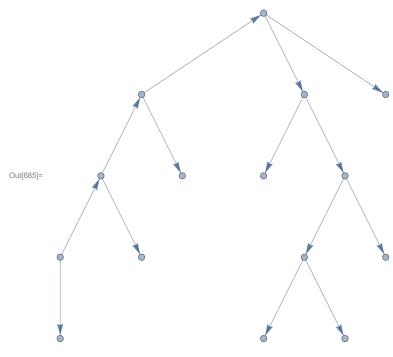
$$\text{Out} [\text{675}] = \left. \left\{ \, x^2 \, - \, x^4 \, + \, x^6 \, + \, G^3 \, \left(\, - \, 4 \, \, x^3 \, + \, 5 \, \, x^5 \, - \, 2 \, \, x^7 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x \, + \, 3 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, 2 \, \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left. \left(\, - \, 2 \, x \, + \, 3 \, x^3 \, - \, 6 \, x^5 \, + \, 2 \, x^7 \, \right) \right. \\ \left. \left. \left(\, - \, 2 \, x^2 \, + \, 3 \, x^3 \, - \, 6 \, x^5 \, + \, 2 \, x^7 \, \right) \right. \\ \left. \left. \left(\, - \, 2 \, x^2 \, + \, 3 \, x^3 \, - \, 6 \, x^5 \, + \, 2 \, x^7 \, \right) \right. \\ \left. \left. \left(\, - \, 2 \, x^2 \, + \, 3 \, x^3 \, - \, 6 \, x^5 \, + \, 2 \, x^7 \, \right) \right. \\ \left. \left. \left(\, - \, 2 \, x^2 \, + \, 3 \, x^3 \, - \, 6 \, x^5 \, + \, 2 \, x^7 \, \right) \right. \\ \left. \left. \left(\, - \, 2 \, x^2 \, + \, 3 \, x^3 \, - \, 6 \, x^5 \, + \, 2 \, x^7 \, \right) \right. \\ \left. \left(\, - \, 2 \, x^2 \, + \, 3 \, x^3 \, - \, 6 \, x^5 \, + \, 2 \, x^7 \, \right) \right. \\ \left. \left(\, - \, 2 \, x^2 \, + \, 3 \, x^3 \, - \, 6 \, x^5 \, + \, 2 \, x^7 \, \right) \right. \\ \left. \left. \left(\, - \, 2 \, x^2 \, + \, 3 \, x^3 \, - \, 6 \, x^5 \, + \, 2 \, x^7 \, \right) \right. \\ \left. \left(\, - \, 2 \, x^2 \, + \, 3 \, x^3 \, - \, 6 \, x^5 \, + \, 2 \, x^7 \, \right) \right. \\ \left. \left. \left(\, - \, 2 \, x^2 \, + \, 3 \, x^3 \, - \, 6 \, x^5 \, + \, 2 \, x^7 \, \right) \right. \\ \left. \left. \left(\, - \, 2 \, x^2 \, + \, 3 \, x^3 \, - \, 6 \, x^5 \, + \, 2 \, x^7 \, \right) \right. \\ \left. \left(\, - \, 2 \, x^2 \, + \, 3 \, x^3 \, - \, 6 \, x^5 \, + \, 2 \, x^7 \, \right) \right. \\ \left. \left. \left(\, - \, 2 \, x^2 \, + \, 3 \, x^3 \, - \, 6 \, x^5 \, + \, 2 \, x^7 \, \right) \right. \\ \left. \left(\, - \, 2 \, x^2 \, + \, 3 \, x^3 \, - \, 6 \, x^5 \, + \, 2 \, x^7 \, \right) \right. \\ \left. \left(\, - \, 2 \, x^2 \, + \, 3 \, x^3 \, - \, 6 \, x^5 \, + \, 2 \, x^7 \, \right) \right. \\ \left. \left(\, - \, 2 \, x^2 \, + \, 3 \, x^3 \, - \, 6 \, x^5 \, + \, 2 \, x^7 \, \right) \right. \\ \left. \left(\, - \, 2 \, x^2 \, + \, 3 \, x^3 \, - \, 6 \, x^3 \, + \, 2 \, x^7 \, \right) \right. \\ \left. \left(\, - \, 2 \, x^2 \, + \, 3 \, x^3 \, - \, 6 \, x^3 \, + \, 2 \, x^7 \, \right) \right. \\ \left. \left(\, - \, 2 \, x^3 \, + \, 3 \, x^3 \, - \, 6 \, x^3 \, + \, 2 \, x^7 \, \right) \right. \\ \left. \left(\, - \, 2 \, x^3 \, + \, 3 \, x^3 \, - \, 6 \, x^3 \, + \, 2 \, x^7 \, \right) \right. \\ \left. \left(\, - \, 2 \, x^3 \, + \, 3 \, x^3 \, - \, 3 \, x^3 \, + \, 2 \, x^7 \, \right) \right. \\ \left. \left(\, - \, 2 \, x^3 \, + \, 3 \, x^3 \, \right) \right. \\ \left. \left(\,$$



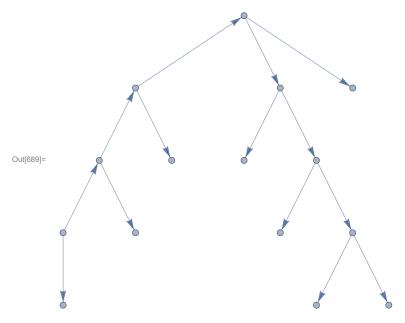
$$\text{Out[679]=} \quad \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 3 \, \, x^5 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 6 \, \, x^4 \, + \, 3 \, \, x^6 \, \right) \, + \, G^3 \, \left(\, 3 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



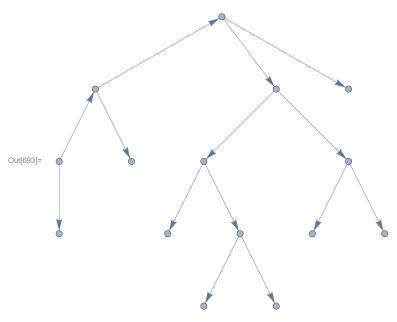
$$\begin{array}{l} \text{Out} [683] = \end{array} \left\{ -\,x^2\,+\,x^4\,-\,2\,\,x^6\,+\,G^5\,\,x^9\,+\,G\,\,\left(\,2\,\,x\,-\,4\,\,x^3\,+\,9\,\,x^5\,-\,3\,\,x^7\,\right) \,\,+\, \\ \qquad \qquad G^3\,\,\left(\,4\,\,x^3\,-\,6\,\,x^5\,+\,5\,\,x^7\,\right) \,\,+\,G^2\,\,\left(\,-\,1\,+\,3\,\,x^2\,-\,12\,\,x^4\,+\,9\,\,x^6\,-\,2\,\,x^8\,\right) \,+\,G^4\,\,\left(\,-\,2\,\,x^6\,+\,x^8\,\right) \,\,\right\} \end{array}$$

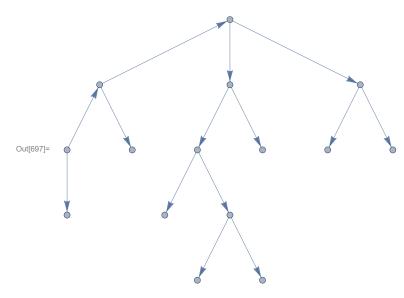


$$\text{Out} [687] = \left. \left\{ x - x^3 + x^5 + G^3 \left(x^4 - x^6 \right) \right. \\ \left. + G \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + G^2 \left(3 \, x^3 - 4 \, x^5 + x^7 \right) \right. \right\} \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^4 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^4 \right) \right] \\ \left. + \left(-1 + 2 \, x^2 +$$

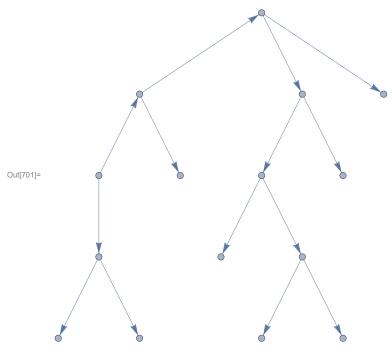


$$\text{Out[691]=} \left. \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\, \left(\,-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. +\,G^2\,\, \left(1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. +\,G\,\, \left(-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(-\,x\,+\,3\,\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,3\,\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,3\,\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,x^4\,+\,x^6\,+\,G^3\,+\,G^4\,+$$

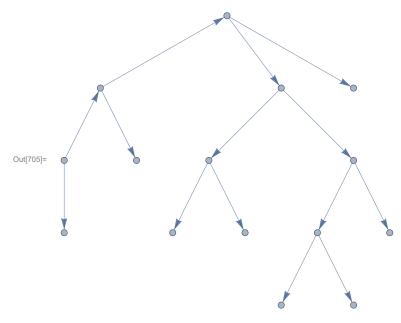




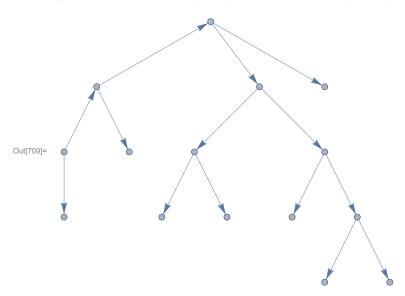
$$\text{Out[699]=} \left. \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\, \left(\,-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. +\,G^2\,\, \left(\,1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. +\,G\,\, \left(\,-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(\,-\,x\,+\,3\,\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,-\,x\,+\,3\,\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,-\,x\,+\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,-\,x\,+\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,-\,x\,+\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,-\,x\,+\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,-\,x\,+\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,-\,x\,+\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,-\,x\,+\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,-\,x\,+\,x^4\,+\,x^$$



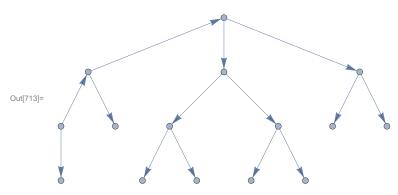
$$\text{Out} \text{[703]= } \left\{ -\,x\,+\,x^3\,-\,x^5\,+\,G^4\,\,x^7\,+\,G^2\,\,\left(-\,3\,\,x^3\,+\,3\,\,x^5\,\right) \right. \\ \left. +\,G\,\,\left(1\,-\,2\,\,x^2\,+\,4\,\,x^4\,-\,x^6\,\right) \right. \\ \left. +\,G^3\,\,\left(-\,x^4\,+\,x^6\,\right) \right. \\ \left. +\,G^3\,\,\left(-\,x^4\,+\,x^6\,+\,x$$



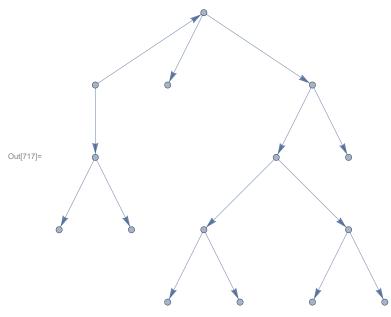
$$\text{Out} \text{[707]=} \quad \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \, + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 4 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



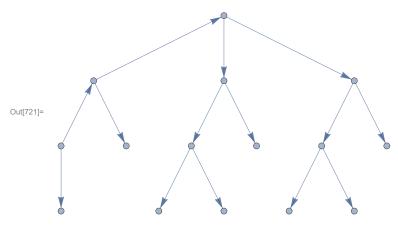
$$\text{Out} [\text{711}] = \left. \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. +\,G^2\,\,\left(1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. +\,G\,\,\left(-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left(-\,x\,+\,3\,\,x^4\,-\,3\,\,x^4 \right) \right. \\ \left. \left(-\,x\,+\,3\,\,x^4 \right) \right. \\ \left. \left(-\,x\,+\,3\,\,x^4$$



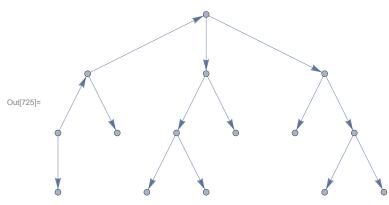
$$\text{Out} [\text{715}] = \left. \left\{ -\,x^{4}\,+\,x^{6}\,+\,G^{3}\,\, \left(\,-\,3\,\,x^{3}\,+\,2\,\,x^{5} \right) \right. \\ \left. +\,G^{2}\,\, \left(\,1\,-\,3\,\,x^{2}\,+\,7\,\,x^{4}\,-\,3\,\,x^{6} \right) \right. \\ \left. +\,G\,\, \left(\,-\,x\,+\,3\,\,x^{3}\,-\,5\,\,x^{5}\,+\,x^{7} \right) \right. \\ \left. \left\{ -\,x^{4}\,+\,x^{6}\,+\,G^{3}\,\, \left(\,-\,x^{4}\,+\,x^{6}\,+\,G^{3}\,\,x^{4}\,+\,x^{6}\,+\,x^{6} \right) \right. \\ \left. \left(\,-\,x^{4}\,+\,x^{6}\,+\,G^{3}\,\,x^{4}\,+\,x^{6}\,+\,G^{3}\,\,x^{6}\,+\,x$$



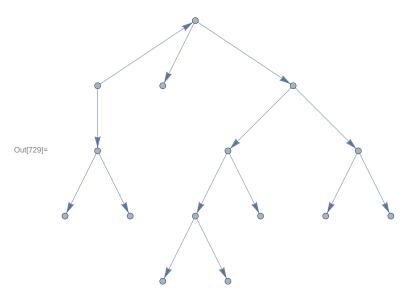
$$\text{Out} [\text{719}] = \left. \left\{ x - x^3 + x^5 + G^3 \, \left(x^4 - 2 \, x^6 \right) \right. \\ \left. + G \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + G^2 \, \left(3 \, x^3 - 3 \, x^5 + x^7 \right) \right. \right\} \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^4 + x^4 + x^4 + x^4 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^4 + x^4 + x^4 + x^4 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x$$



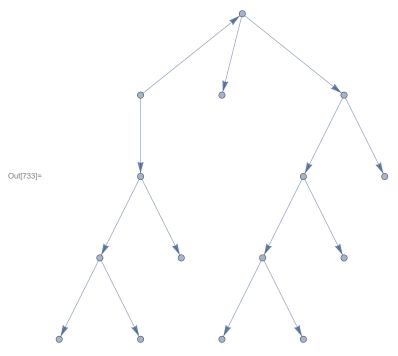
$$\text{Out} [\text{723}] = \ \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 3 \, \, x^5 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 6 \, \, x^4 \, + \, 3 \, \, x^6 \, \right) \, + \, G^3 \, \left(\, 3 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



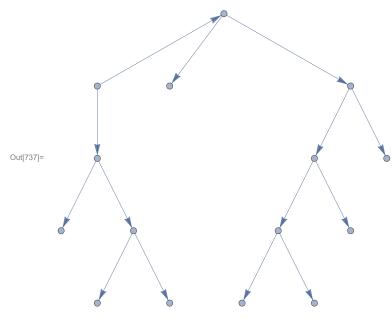
$$\text{Out} \text{[727]=} \quad \left\{ \, x^5 \, + \, G^4 \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \, + \, G^3 \, \left(\, 1 \, - \, 4 \, \, x^2 \, + \, 6 \, \, x^4 \, - \, 2 \, \, x^6 \, \right) \, + \, G \, \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



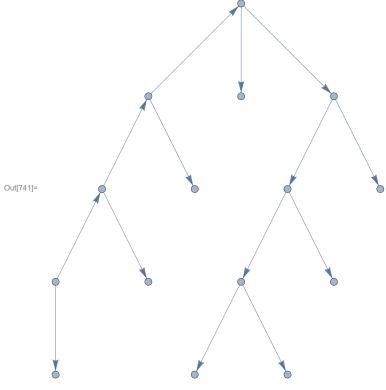
$$\text{Out} \text{[731]=} \quad \left\{ \, x \, - \, x^3 \, + \, 2 \, \, x^5 \, - \, G^3 \, \, x^6 \, + \, G \, \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 6 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \, + \, G^2 \, \, \left(4 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



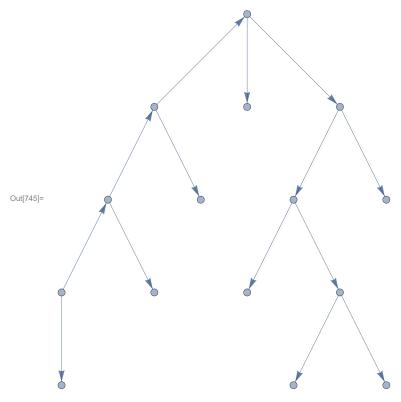
$$\text{Out} \text{[735]= } \left\{ -\,x\,+\,x^3\,-\,x^5\,+\,G^4\,\,x^7\,+\,G^2\,\,\left(-\,3\,\,x^3\,+\,3\,\,x^5\,\right) \right. \\ \left. +\,G\,\,\left(1\,-\,2\,\,x^2\,+\,4\,\,x^4\,-\,x^6\,\right) \right. \\ \left. +\,G^3\,\,\left(-\,x^4\,+\,x^6\,\right) \right. \\ \left. +\,G^3\,\,\left(-\,x^4\,+\,x^6\,+\,x$$



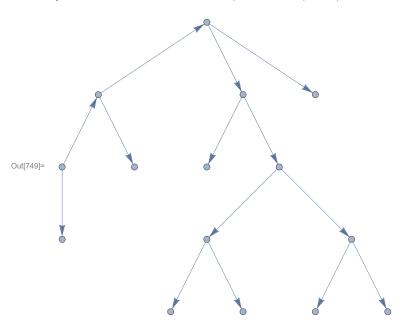
$$\text{Out} [\text{739}] = \left\{ x - x^3 + 2 \, x^5 + x^9 + G^3 \, \left(-x^6 + x^{10} \right) + G \, \left(-1 + 2 \, x^2 - 6 \, x^4 + 2 \, x^6 - 3 \, x^8 + 2 \, x^{10} \right) \right. \\ \left. + G^2 \, \left(4 \, x^3 - 3 \, x^5 + 3 \, x^7 - 3 \, x^9 + x^{11} \right) \right. \\ \left. + G^4 \, \left(-2 \, x^9 + x^{11} \right) \right\}$$



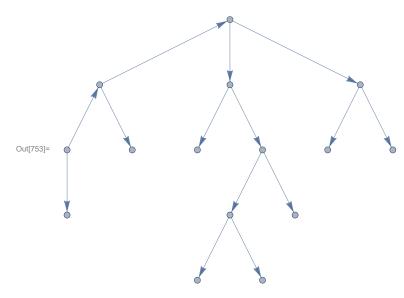
$$\text{Out} [\text{743}] = \left. \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 4 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1$$



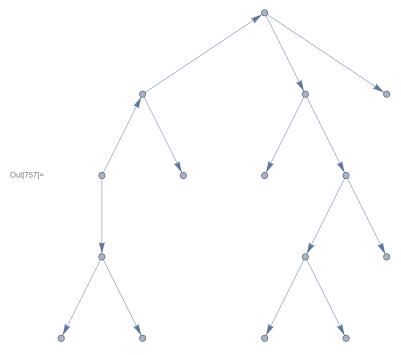
$$\text{Out} [\text{747}] = \left. \left\{ -\,x \,+\, x^3 \,-\, 2\,\,G^3\,\,x^4 \,-\, x^5 \,+\, x^7 \,+\, G^2\,\, \left(\,-\,2\,\,x^3 \,+\, 5\,\,x^5 \,\right) \right. \right. \\ \left. \left. +\,G\,\, \left(\,1 \,-\, 2\,\,x^2 \,+\, 3\,\,x^4 \,-\, 4\,\,x^6 \,\right) \right. \right\} \\ \left. \left(\,1 \,+\, 2\,\,x^2 \,+\, 3\,\,x^4 \,-\, 4\,\,x^6 \,\right) \right. \\ \left. \left(\,1 \,+\, 2\,\,x^2 \,+\, 3\,\,x^4 \,+\, 2\,\,x^6 \,+\,$$



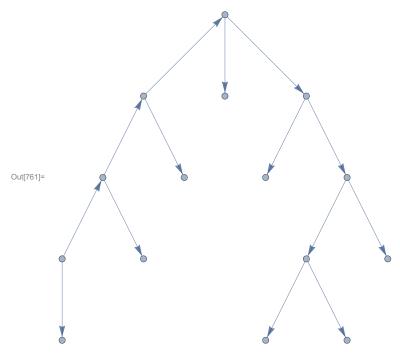
$$\text{Out} [\text{751}] = \\ \left\{ -\, x^4 \, -\, G^4 \,\, x^4 \, +\, x^6 \, +\, G^3 \,\, \left(\, -\, 2\,\, x^3 \, +\, 3\,\, x^5 \, \right) \, \, +\, G^2 \,\, \left(\, 1 \, -\, 3\,\, x^2 \, +\, 5\,\, x^4 \, -\, 3\,\, x^6 \, \right) \, \, +\, G \,\, \left(\, -\, x \, +\, 3\,\, x^3 \, -\, 4\,\, x^5 \, +\, x^7 \, \right) \, \right\} \, \, +\, \left(\, -\, x^4 \, -\, 3\,\, x^4 \, +\, x^6 \, +\,$$



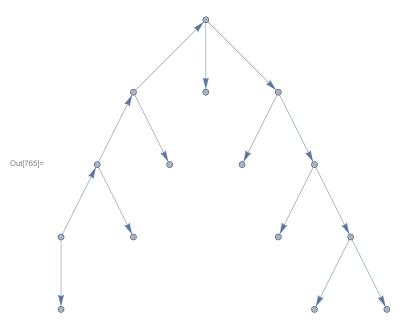
$$\text{Out} [755] = \left. \left\{ -\,x^4\,-\,G^4\,\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,-\,2\,\,x^3\,+\,3\,\,x^5 \right) \right. \\ \left. +\,G^2\,\,\left(\,1\,-\,3\,\,x^2\,+\,5\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. +\,G\,\,\left(\,-\,x\,+\,3\,\,x^3\,-\,4\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left. \left(\,-\,x\,+\,3\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. \left(\,-\,x\,$$



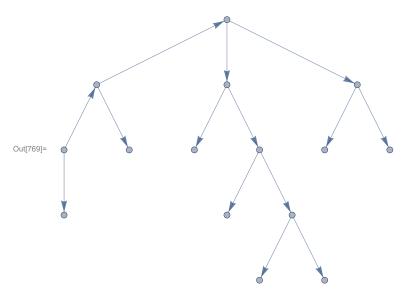
$$\begin{array}{lll} \text{Out} [759] = & \left\{ \, -\, x^2 \, +\, x^4 \, +\, G\, \left(\, 2\,\, x\, -\, 3\,\, x^3 \, +\, 2\,\, x^5\, \right) \, \, +\, \\ & & G^2\, \left(\, -\, 1\, +\, 2\,\, x^2 \, -\, 4\,\, x^4 \, +\, 3\,\, x^6\, \right) \, +\, G^3\, \left(\, 2\,\, x^3 \, -\, 5\,\, x^5 \, +\, 3\,\, x^7\, \right) \, \, +\, G^4\, \left(\, 2\,\, x^4 \, -\, 3\,\, x^6 \, +\, x^8\, \right) \, \, \right\}$$

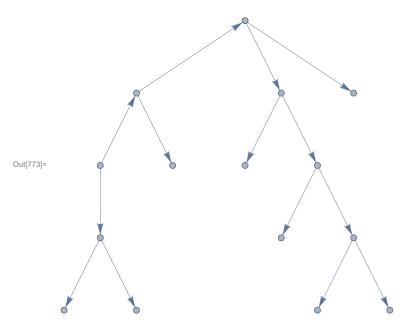


$$\text{Out} \text{[763]= } \left\{-\,x^4\,+\,x^6\,+\,G^3\,\left(-\,3\,\,x^3\,+\,2\,\,x^5\right)\,+\,G^2\,\left(1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6\right)\,+\,G\,\left(-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7\right)\,\right\}$$

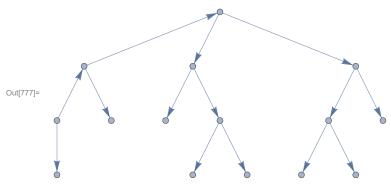


$$\text{Out} [\text{767}] = \left. \left. \left\{ 2 \; \text{G}^4 \; x^3 \, - \, x^5 \, + \, x^7 \, + \, \text{G}^3 \; \left(- \, 1 \, + \, 4 \; x^2 \, - \, 7 \; x^4 \right) \right. \right. \\ \left. \left. + \; \text{G}^2 \; \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \right. \\ \left. \left. + \; \text{G} \; \left(4 \; x^4 \, - \, 5 \; x^6 \right) \right. \right\} \\ \left. \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\$$

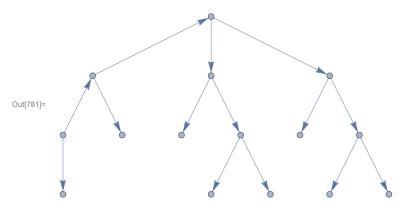




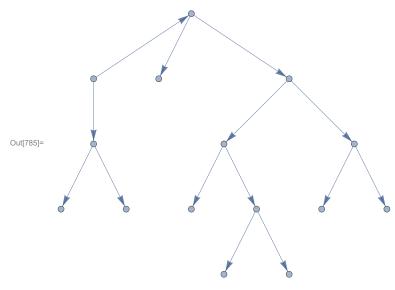
$$\begin{array}{l} \text{Out} [775] = \end{array} \left\{ \, x^2 \, - \, x^4 \, + \, x^8 \, + \, G \, \left(\, - \, 2 \, \, x \, + \, 3 \, \, x^3 \, - \, 2 \, \, x^5 \, - \, 4 \, \, x^7 \, + \, 4 \, \, x^9 \, \right) \, + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 4 \, \, x^4 \, + \, 3 \, \, x^6 \, - \, 12 \, \, x^8 \, + \, 6 \, \, x^{10} \, \right) \, + \, G^3 \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, + \, 9 \, \, x^7 \, - \, 12 \, \, x^9 \, + \, 4 \, \, x^{11} \, \right) \, + \, G^4 \, \left(\, - \, x^4 \, - \, x^6 \, + \, 5 \, \, x^8 \, - \, 4 \, \, x^{10} \, + \, x^{12} \, \right) \, \right\}$$



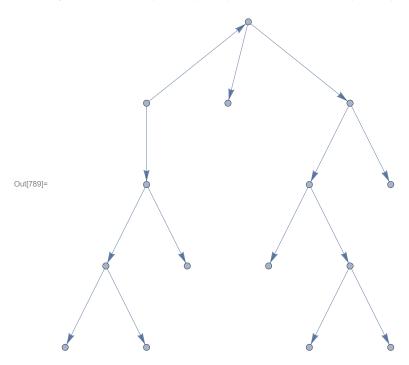
$$\text{Out} \text{[779]=} \quad \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,3\,\,x^3\,+\,2\,\,x^5\right) \,+\,G^2\,\,\left(1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6\right) \,+\,G\,\,\left(-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7\right) \,\right\}$$



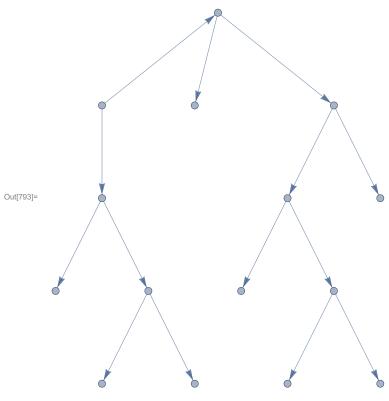
$$\text{Out} \text{[783]=} \quad \left\{ 2 \text{ G}^4 \text{ } x^3 - x^5 + x^7 + G^3 \text{ } \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. + \text{ G}^2 \text{ } \left(x - 6 \text{ } x^3 + 9 \text{ } x^5 \right) \right. \\ \left. + \text{ G} \text{ } \left(4 \text{ } x^4 - 5 \text{ } x^6 \right) \right. \\ \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^3 + 9 \text{ } x^5 \right) \right. \\ \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^3 + 9 \text{ } x^5 \right) \right. \\ \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^3 + 9 \text{ } x^5 \right) \right. \\ \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^3 + 9 \text{ } x^5 \right) \right. \\ \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^3 + 9 \text{ } x^5 \right) \right. \\ \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^3 + 9 \text{ } x^5 \right) \right. \\ \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^3 + 9 \text{ } x^5 \right) \right. \\ \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^3 + 9 \text{ } x^5 \right) \right. \\ \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^3 + 9 \text{ } x^5 \right) \right. \\ \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^3 + 9 \text{ } x^5 \right) \right. \\ \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^3 + 9 \text{ } x^5 \right) \right. \\ \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^3 + 9 \text{ } x^5 \right) \right. \\ \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^3 + 9 \text{ } x^5 \right) \right. \\ \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^3 + 9 \text{ } x^5 \right) \right] \right. \\ \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^3 + 9 \text{ } x^5 \right) \right] \right. \\ \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^3 + 9 \text{ } x^5 \right) \right] \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^5 \right) \right. \\ \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^5 \right) \right] \right. \\ \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^5 \right) \right] \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^5 \right) \right] \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^5 \right) \right. \\ \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^5 \right) \right] \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^5 \right) \right] \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^5 \right) \right. \\ \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^5 \right) \right. \\ \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^5 \right) \right] \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^5 \right) \right. \\ \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^5 \right) \right. \\ \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^5 \right) \right] \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^5 \right) \right. \\ \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^5 \right) \right] \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^5 \right) \right. \\ \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^5 \right) \right] \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^5 \right) \right. \\ \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^5 \right) \right] \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^5 \right) \right. \\ \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^5 \right) \right] \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^5 \right) \right] \left. + \text{ G} \text{ } \left(x - 6 \text{ } x^5 \right) \right] \left.$$



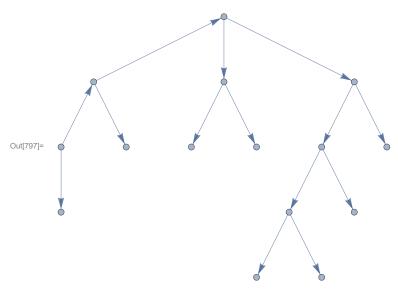
$$\text{Out} [\text{787}] = \left. \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 4 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1$$



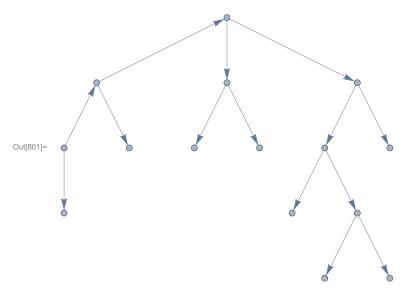
$$\text{Out} \text{[791]=} \quad \left\{ -\,x\,+\,x^3\,+\,G^4\,\,x^7\,+\,G\,\,\left(1\,-\,2\,\,x^2\,+\,2\,\,x^4\right) \right. \\ \left. +\,G^2\,\,\left(-\,2\,\,x^3\,+\,3\,\,x^5\right) \right. \\ \left. +\,G^3\,\,\left(-\,2\,\,x^4\,+\,2\,\,x^6\right) \right. \\ \left. \left. \right\} \right. \\ \left. \left. \left(-\,2\,\,x^4\,+\,2\,\,x^6\right) \right. \\ \left. \left(-\,2\,\,x^4\,+\,2\,x^6\right) \right$$



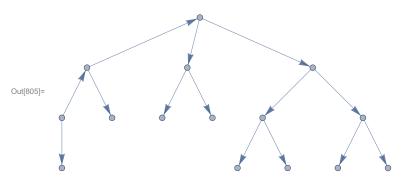
$$\text{Out} \text{[795]= } \left\{ -\,x\,+\,x^3\,-\,x^5\,+\,G^4\,\,x^7\,+\,G^2\,\,\left(-\,3\,\,x^3\,+\,3\,\,x^5\,\right) \right. \\ \left. +\,G\,\,\left(1\,-\,2\,\,x^2\,+\,4\,\,x^4\,-\,x^6\,\right) \right. \\ \left. +\,G^3\,\,\left(-\,x^4\,+\,x^6\,\right) \right. \\ \left. +\,G^3\,\,\left(-\,x^4\,+\,x^6\,+\,x$$



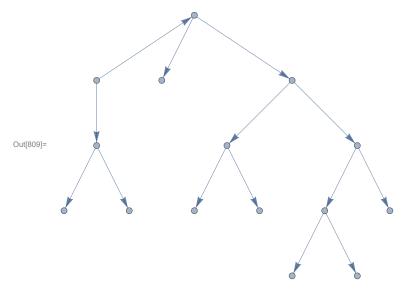
$$\text{Out} \text{[799]= } \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 3 \, \, x^5 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 6 \, \, x^4 \, + \, 3 \, \, x^6 \, \right) \, + \, G^3 \, \left(\, 3 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



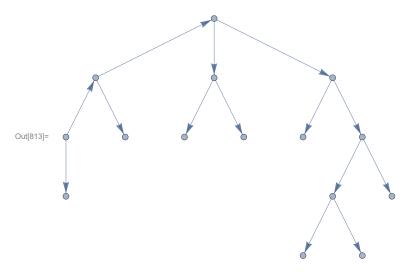
$$\text{Out} [803] = \left. \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\, \left(-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. +\,G^2\,\, \left(1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. +\,G\,\, \left(-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(-\,x\,+\,3\,\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,3\,\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,3\,\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,x^4\,+\,x^6\,+\,G^3\,+\,x^6\,+\,G^3\,+\,G^4\,+\,x^6\,+\,G^3\,+\,G^4$$



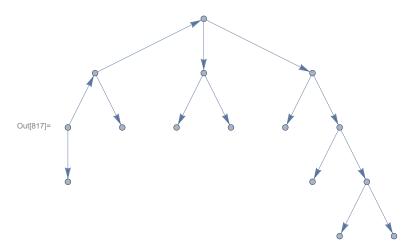
$$\text{Out[807]=} \quad \left\{ \, x^5 \, + \, G^4 \ \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \, + \, G^3 \ \, \left(\, 1 \, - \, 4 \, \, x^2 \, + \, 6 \, \, x^4 \, - \, 2 \, \, x^6 \, \right) \, + \, G \ \, \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^2 \ \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



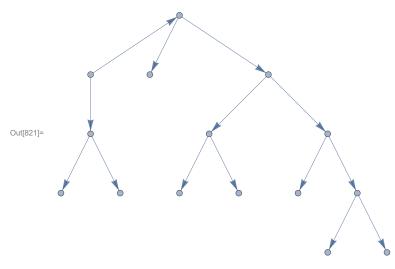
$$\text{Out}[\text{B11}] = \left. \left\{ x^2 - x^4 + x^6 + G^3 \, \left(-4 \, x^3 + 5 \, x^5 - 2 \, x^7 \right) \right. \\ \left. + G \, \left(-2 \, x + 3 \, x^3 - 6 \, x^5 + 2 \, x^7 \right) \right. \\ \left. + G^2 \, \left(1 - 2 \, x^2 + 9 \, x^4 - 7 \, x^6 + x^8 \right) \right. \\ \left. \left(-2 \, x + 3 \, x^3 - 6 \, x^5 + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x^3 - 6 \, x^5 + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x^3 - 6 \, x^5 + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x^3 - 6 \, x^5 + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x + 2 \, x + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \,$$



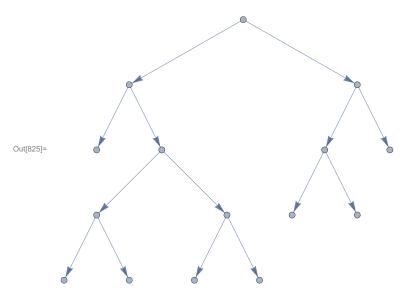
$$\text{Out[815]=} \quad \left\{ \, x^5 \, + \, G^4 \ \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \, + \, G^3 \ \, \left(\, 1 \, - \, 4 \, \, x^2 \, + \, 6 \, \, x^4 \, - \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G \ \, \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^2 \ \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \, \right\} \\ \left. - \, \left(\, - \, x \, + \, 6 \, \, x^3 \, + \, x^5 \, \right) \, + \, G^3 \ \, \left(\, - \, x \, + \, 6 \, x^3 \, + \, x^5 \, \right) \right. \\ \left. \left(\, - \, x \, + \, 6 \, x^3 \, + \, x^5 \, \right) \, + \, G^3 \ \, \left(\, - \, x \, + \, 6 \, x^3 \, + \, x^5 \, \right) \right. \\ \left. \left(\, - \, x \, + \, 6 \, x^3 \, + \, x^5 \, \right) \, + \, G^3 \ \, \left(\, - \, x \, + \, 6 \, x^5 \, + \, x^5 \, \right) \right. \\ \left. \left(\, - \, x \, + \, 6 \, x^3 \, + \, x^5 \, \right) \, + \, G^3 \ \, \left(\, - \, x \, + \, 6 \, x^5 \, + \, x^5 \, \right) \right. \\ \left. \left(\, - \, x \, + \, 6 \, x^5 \, + \, x^5 \, \right) \, + \, G^3 \ \, \left(\, - \, x \, + \, 6 \, x^5 \, + \, x^5 \, \right) \right. \\ \left. \left(\, - \, x \, + \, 6 \, x^5 \, + \, x^5 \, \right) \, + \, G^3 \ \, \left(\, - \, x \, + \, 6 \, x^5 \, + \, x^5 \, \right) \right. \\ \left. \left(\, - \, x \, + \, 6 \, x^5 \, + \, x^5 \, + \, x^5 \, + \, x^5 \, \right) \right. \\ \left. \left(\, - \, x \, + \, 6 \, x^5 \, + \, x^5 \, \right) \right. \\ \left. \left(\, - \, x \, + \, 6 \, x^5 \, + \, x^5$$



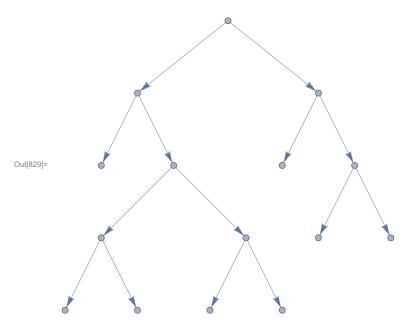
$$\text{Out[819]=} \quad \left\{ \, G^5 \,\, x^3 \,+\, x^6 \,+\, G^4 \,\, \left(\,-\, 1 \,+\, 5 \,\, x^2 \,-\, 4 \,\, x^4 \,\right) \,\,+\, G^3 \,\, \left(\, x \,-\, 10 \,\, x^3 \,+\, 6 \,\, x^5 \,\right) \,\,+\, G^2 \,\, \left(\, 10 \,\, x^4 \,-\, 4 \,\, x^6 \,\right) \,\,+\, G \,\, \left(\,-\, 5 \,\, x^5 \,+\, x^7 \,\right) \,\, \right\}$$



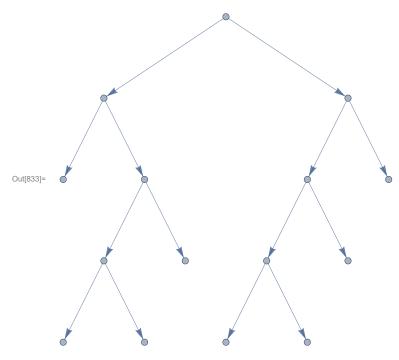
$$\text{Out} [823] = \left. \left\{ x^2 - x^4 + x^6 + G^3 \, \left(-4 \, x^3 + 5 \, x^5 - 2 \, x^7 \right) \right. \\ \left. + G \, \left(-2 \, x + 3 \, x^3 - 6 \, x^5 + 2 \, x^7 \right) \right. \\ \left. + G^2 \, \left(1 - 2 \, x^2 + 9 \, x^4 - 7 \, x^6 + x^8 \right) \right. \\ \left. \left(-2 \, x + 3 \, x^3 - 6 \, x^5 + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x^3 - 6 \, x^5 + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x^3 - 6 \, x^5 + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x^3 - 6 \, x^5 + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x + 2 \, x + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x + 2 \, x + 2 \, x + 2 \, x^7 \right) \right. \\ \left. \left(-2 \, x + 3 \, x + 2 \, x + 2$$



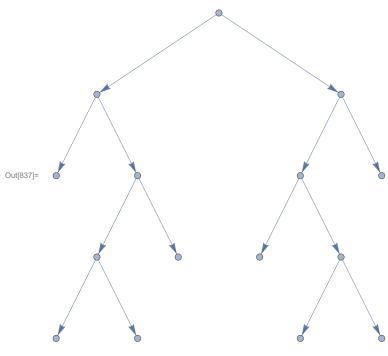
$$\text{Out} [\text{B27}] = \left. \left\{ x - x^3 + x^5 + G^3 \, \left(x^4 - 2 \, x^6 \right) \right. \\ \left. + \, G \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, G^2 \, \left(3 \, x^3 - 3 \, x^5 + x^7 \right) \right. \right\} \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^4 + x^4 + x^4 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^4 + x^4 + x^4 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 +$$



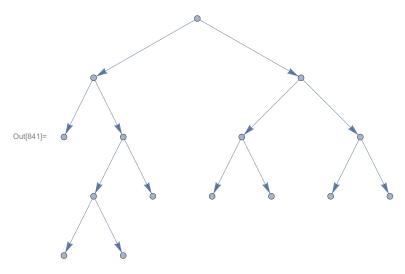
$$\text{Out} \text{[831]=} \quad \left\{ x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(\, x^4 \, - \, 2 \, \, x^6 \, \right) \, + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, x^6 \, \right) \, + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



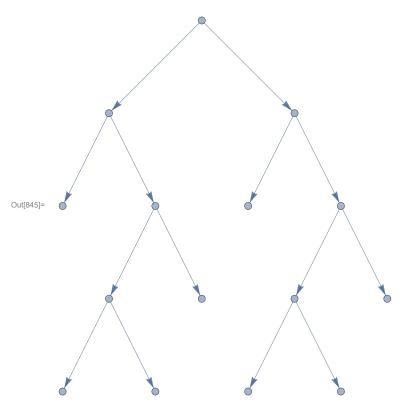
$$\text{Out[835]=} \quad \left\{ -\,x\,+\,x^{3}\,-\,x^{5}\,+\,G^{4}\,\,x^{7}\,+\,G^{2}\,\,\left(\,-\,3\,\,x^{3}\,+\,3\,\,x^{5}\,\right) \right. \\ \left. +\,G\,\,\left(\,1\,-\,2\,\,x^{2}\,+\,4\,\,x^{4}\,-\,x^{6}\,\right) \right. \\ \left. +\,G^{3}\,\,\left(\,-\,x^{4}\,+\,x^{6}\,\right) \right. \\ \left. +\,G^{3}\,\,\left(\,-\,x^{4}\,+\,x^{6}\,+\,x^{$$



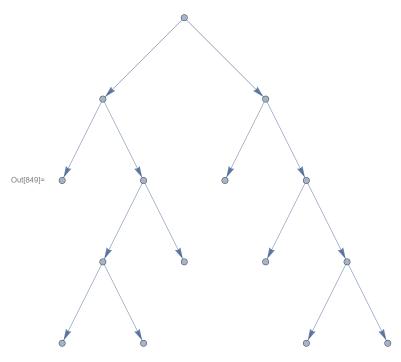
$$\text{Out[839]=} \quad \left\{ -\,x\,+\,x^{3}\,+\,G^{4}\,\,x^{7}\,+\,G\,\,\left(1\,-\,2\,\,x^{2}\,+\,2\,\,x^{4}\right)\,\,+\,G^{2}\,\,\left(-\,2\,\,x^{3}\,+\,3\,\,x^{5}\right)\,\,+\,G^{3}\,\,\left(-\,2\,\,x^{4}\,+\,2\,\,x^{6}\right)\,\right\}$$



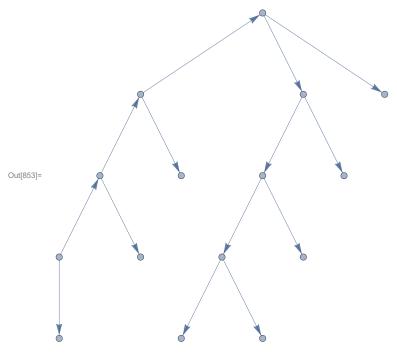
$$\text{Out} [\text{843}] = \left. \left\{ x - x^3 + x^5 + G^3 \, \left(x^4 - 2 \, x^6 \right) \right. \\ \left. + \, G \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, G^2 \, \left(3 \, x^3 - 3 \, x^5 + x^7 \right) \right. \right\} \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^4 + x^4 + x^4 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x$$



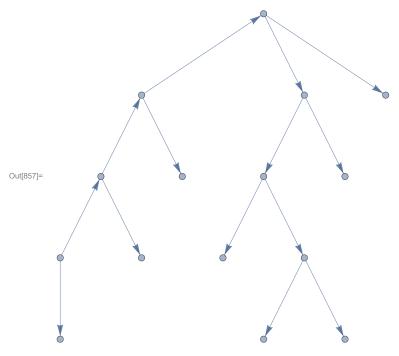
$$\begin{array}{l} \text{Out} [847] = \end{array} \left\{ \left. x - x^3 + 2 \, x^5 + x^9 + G^3 \, \left(- \, x^6 + \, x^{10} \right) \right. \\ \left. + \, G \, \left(- \, 1 + 2 \, \, x^2 - 6 \, \, x^4 + 2 \, \, x^6 - 3 \, \, x^8 + 2 \, \, x^{10} \right) \right. \\ \left. + \, G^2 \, \left(4 \, x^3 - 3 \, x^5 + 3 \, x^7 - 3 \, x^9 + x^{11} \right) \right. \\ \left. + \, G^4 \, \left(- \, 2 \, x^9 + x^{11} \right) \right. \right\} \\ \left. - \, \left(- \, x^9 + x^{11} \right) \right. \\ \left. + \, \left(- \, x^9 + x^{11} \right) \right. \\ \left. \left(- \, x^9 + x^{11} \right) \right. \\$$



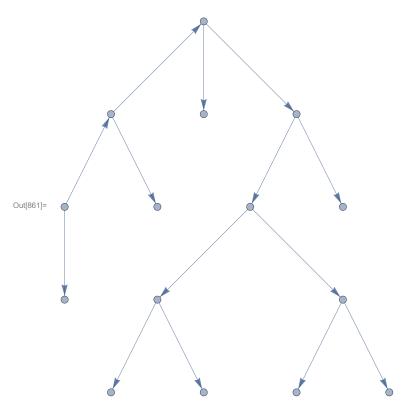
$$\text{Out[851]=} \quad \left\{ -\,x\,+\,x^{3}\,-\,x^{5}\,+\,G^{4}\,\,x^{7}\,+\,G^{2}\,\,\left(\,-\,3\,\,x^{3}\,+\,3\,\,x^{5}\,\right) \right. \\ \left. +\,G\,\,\left(\,1\,-\,2\,\,x^{2}\,+\,4\,\,x^{4}\,-\,x^{6}\,\right) \right. \\ \left. +\,G^{3}\,\,\left(\,-\,x^{4}\,+\,x^{6}\,\right) \right. \\ \left. +\,G^{3}\,\,\left(\,-\,x^{4}\,+\,x^{6}\,+\,x^{$$



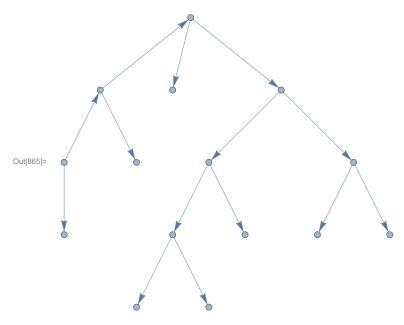
$$\text{Out[855]=} \left. \left\{ x^4 + G \, \left(x - 3 \, x^3 + 3 \, x^5 \right) \right. \\ \left. + \, G^2 \, \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right. \\ \left. + \, G^3 \, \left(3 \, x^3 - 3 \, x^5 + x^7 \right) \right. \right\} \\ \left. \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right. \\ \left. \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right. \\ \left. \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right. \\ \left. \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right. \\ \left. \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right. \\ \left. \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right. \\ \left. \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right. \\ \left. \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right. \\ \left. \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right. \\ \left. \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right. \\ \left. \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right. \\ \left. \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right. \\ \left. \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right. \\ \left. \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right. \\ \left. \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right. \\ \left. \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right. \\ \left. \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right. \\ \left. \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right. \\ \left. \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right. \\ \left. \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right. \\ \left. \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right. \\ \left. \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right. \\ \left. \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right] \right. \\ \left. \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right. \\ \left. \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right] \\ \left. \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right] \\ \left. \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right] \\ \left. \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right] \\ \left. \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right] \\ \left. \left(-1 + 3 \, x^2 - 6 \, x^4 + 3 \, x^6 \right) \right] \\ \left. \left(-1 + 3 \, x^4 + 3 \, x^4 + 3 \, x^6 \right) \right] \\ \left. \left(-1 + 3 \, x^4 + 3 \, x^4 + 3 \, x^6 \right) \right] \\ \left. \left(-1 + 3 \, x^4 + 3 \, x^4 + 3 \, x^6 \right) \right] \\ \left. \left(-1 + 3 \, x^4 + 3 \, x^4 + 3 \, x^6 \right) \right] \\ \left. \left(-1 + 3 \, x^4 + 3 \, x^4 + 3 \, x^6 \right) \right] \\ \left. \left(-1 + 3 \, x^4 + 3 \, x^4 + 3 \, x^4 \right) \right] \\ \left. \left(-1 + 3 \, x^4 + 3 \, x^4 + 3 \, x^4 \right) \right] \\ \left. \left(-1 + 3 \, x^4 + 3 \, x^4 + 3 \, x^4 \right) \right] \\ \left. \left(-1 + 3 \, x^4 + 3 \, x^4 + 3 \, x^4 \right) \right] \\ \left. \left(-1 + 3 \, x^4 + 3 \, x^4 + 3 \, x^4$$



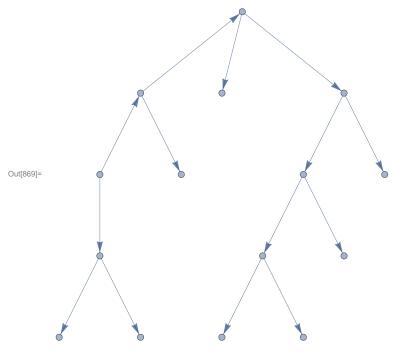
$$\text{Out[859]=} \left. \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\, \left(\,-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. +\,G^2\,\, \left(\,1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. +\,G\,\, \left(\,-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(\,-\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. \left(\,-\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,-\,x^4\,+\,x^6\,+\,G^3\,+\,x^6\,+\,G^4\,+\,x^6\,+\,G^3\,+\,G^4\,+\,X^6\,+\,G^4\,+\,X^6\,+\,G^4\,+\,X^6\,+\,G^4\,+\,X^6\,+\,G^4\,+\,X^6\,+\,G^4\,+\,X^6\,+\,G^4\,+\,X^6\,+\,G^4\,+\,X^6\,+\,G^4\,+\,X^6\,+\,$$

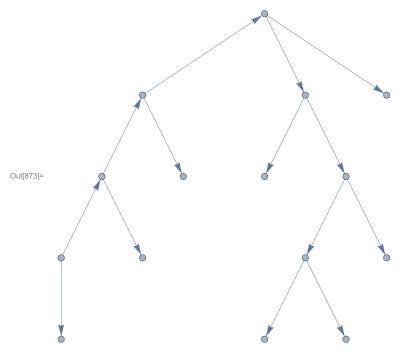


$$\text{Out[863]=} \left. \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\, \left(\,-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. +\,G^2\,\, \left(\,1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. +\,G\,\, \left(\,-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(\,-\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. \left(\,-\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,-\,x^4\,+\,x^6\,+\,G^3\,+\,G^4\,+\,x^6\,+\,G^3\,+\,G^4\,+\,$$

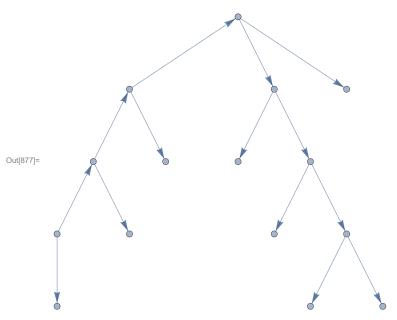


$$\text{Out} [867] = \left. \left\{ x^5 + G^4 \ \left(-2 \ x^3 + x^5 \right) \right. \\ \left. + \ G^3 \ \left(1 - 4 \ x^2 + 6 \ x^4 - 2 \ x^6 \right) \right. \\ \left. + \ G \ \left(-4 \ x^4 + 2 \ x^6 \right) \right. \\ \left. + \ G^2 \ \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right. \right\} \\ \left. \left. + \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right. \\ \left. \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right. \\ \left. \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right. \\ \left. \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right. \\ \left. \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right. \\ \left. \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right. \\ \left. \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right. \\ \left. \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right. \\ \left. \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right. \\ \left. \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right. \\ \left. \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right. \\ \left. \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right. \\ \left. \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right. \\ \left. \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right. \\ \left. \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right. \\ \left. \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right. \\ \left. \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right] \right. \\ \left. \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right] \\ \left. \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right] \\ \left. \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right] \\ \left. \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right] \\ \left. \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right] \\ \left. \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right] \\ \left. \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \\ \left. \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right] \\ \left. \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right] \\ \left. \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right] \\ \left. \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right] \\ \left. \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \right] \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \right] \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \right] \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \right] \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \right] \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \right] \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \right] \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \right] \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \right] \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \right] \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \\ \left. \left(-x + 6 \ x^7 + x^7 \right) \right] \\ \left. \left(-x + x + x^7 \right) \right] \\ \left. \left(-x + x + x^7 \right) \\ \left. \left(-x + x + x^7$$

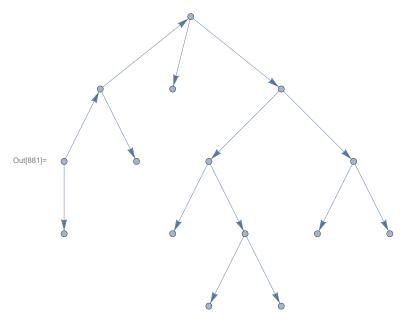




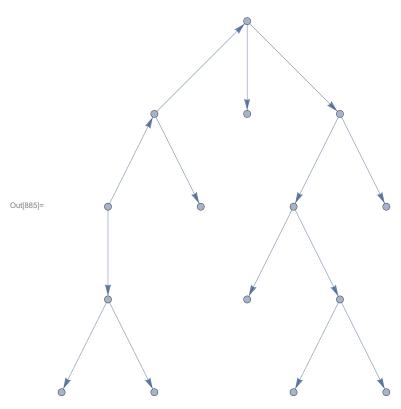
$$\text{Out} [875] = \left. \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\, \left(\,-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. +\,G^2\,\, \left(\,1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. +\,G\,\, \left(\,-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(\,-\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. \left(\,-\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,-\,x^4\,+\,x^6\,+\,G^3\,+\,G^4\,+\,x^6\,+\,G^3\,+\,G^4\,$$



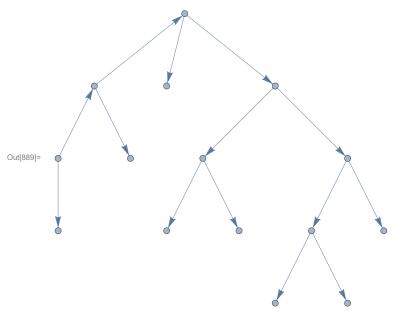
$$\text{Out[879]=} \quad \left\{ 3 \; G^4 \; x^3 \, + \, x^7 \, + \, G^3 \; \left(- \, 1 \, + \, 3 \; x^2 \, - \, 9 \; x^4 \right) \; + \, G^2 \; \left(\, x \, - \, 3 \; x^3 \, + \, 10 \; x^5 \right) \; + \, G \; \left(\, x^4 \, - \, 5 \; x^6 \right) \; \right\}$$



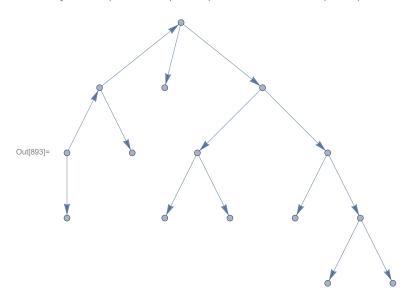
$$\text{Out[883]=} \quad \left\{ 2 \; G^4 \; x^3 \, - \, x^5 \, + \, x^7 \, + \, G^3 \; \left(- \, 1 \, + \, 4 \; x^2 \, - \, 7 \; x^4 \right) \right. \\ \left. + \; G^2 \; \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. + \; G \; \left(4 \; x^4 \, - \, 5 \; x^6 \right) \right. \\ \left. \right\} \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right$$



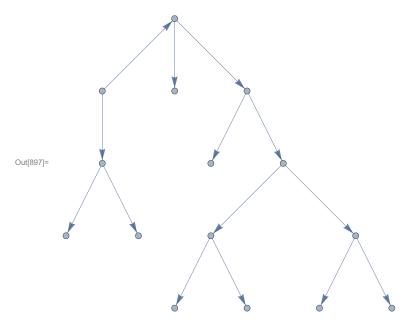
$$\begin{array}{l} \text{Out[887]=} & \left\{ \, -\, x^2 \, +\, x^4 \, +\, G \, \left(\, 2\,\, x \, -\, 3\,\, x^3 \, +\, 3\,\, x^5 \, \right) \, \, + \\ & \quad G^2 \, \left(\, -\, 1 \, +\, 2\,\, x^2 \, -\, 6\,\, x^4 \, +\, 4\,\, x^6 \, \right) \, +\, G^3 \, \left(\, 3\,\, x^3 \, -\, 5\,\, x^5 \, +\, 3\,\, x^7 \, \right) \, +\, G^4 \, \left(\, x^4 \, -\, 2\,\, x^6 \, +\, x^8 \, \right) \, \, \right\} \\ & \quad \left(\, -\, 1 \, +\, 2\,\, x^2 \, -\, 6\,\, x^4 \, +\, 4\,\, x^6 \, \right) \, +\, G^3 \, \left(\, 3\,\, x^3 \, -\, 5\,\, x^5 \, +\, 3\,\, x^7 \, \right) \, +\, G^4 \, \left(\, x^4 \, -\, 2\,\, x^6 \, +\, x^8 \, \right) \, \, \right\} \\ & \quad \left(\, -\, 1 \, +\, 2\,\, x^2 \, -\, 6\,\, x^4 \, +\, 4\,\, x^6 \, \right) \, +\, G^3 \, \left(\, 3\,\, x^3 \, -\, 5\,\, x^5 \, +\, 3\,\, x^7 \, \right) \, +\, G^4 \, \left(\, x^4 \, -\, 2\,\, x^6 \, +\, x^8 \, \right) \, \, \right\}$$



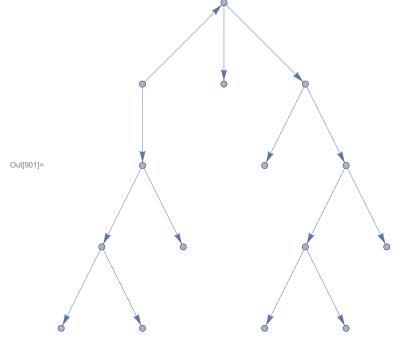
$$\text{Out[891]=} \quad \left\{ x^5 \,+\, G^4 \ \left(\,-\, 2\,\, x^3 \,+\, x^5 \,\right) \,+\, G^3 \ \left(\,1\, -\, 4\,\, x^2 \,+\, 6\,\, x^4 \,-\, 2\,\, x^6 \,\right) \,+\, G \ \left(\,-\, 4\,\, x^4 \,+\, 2\,\, x^6 \,\right) \,+\, G^2 \ \left(\,-\, x\, +\, 6\,\, x^3 \,-\, 6\,\, x^5 \,+\, x^7 \,\right) \,\right\}$$



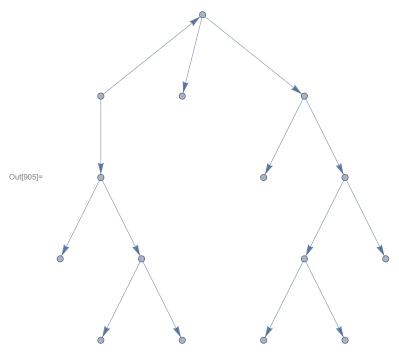
$$\text{Out[895]= } \left\{ G^5 \ x^3 + x^6 + G^4 \ \left(-1 + 5 \ x^2 - 4 \ x^4 \right) \right. \\ \left. + G^3 \ \left(x - 10 \ x^3 + 6 \ x^5 \right) \right. \\ \left. + G^2 \ \left(10 \ x^4 - 4 \ x^6 \right) \right. \\ \left. + G \ \left(-5 \ x^5 + x^7 \right) \right. \right\}$$



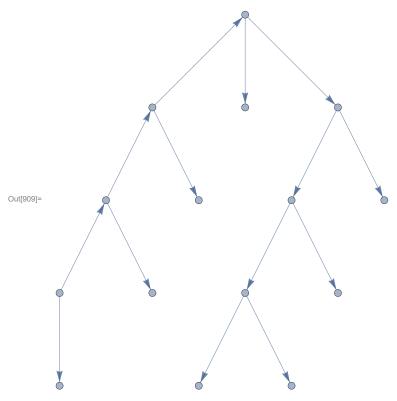
$$\text{Out[899]=} \left. \left\{ x^2 - x^4 + x^6 + G^3 \, \left(-4 \, x^3 + 5 \, x^5 - 2 \, x^7 \right) \right. \\ \left. + G \, \left(-2 \, x + 3 \, x^3 - 6 \, x^5 + 2 \, x^7 \right) \right. \\ \left. + G^2 \, \left(1 - 2 \, x^2 + 9 \, x^4 - 7 \, x^6 + x^8 \right) \right. \right\} \\ \left. + \left(-2 \, x + 3 \, x^3 - 6 \, x^5 + 2 \, x^7 \right) \right. \\ \left. + \left(-2 \, x + 3 \, x^3 - 6 \, x^5 + 2 \, x^7 \right) \right. \\ \left. + \left(-2 \, x + 3 \, x^3 - 6 \, x^5 + 2 \, x^7 \right) \right. \\ \left. + \left(-2 \, x + 3 \, x^3 - 6 \, x^5 + 2 \, x^7 \right) \right. \\ \left. + \left(-2 \, x + 3 \, x + 3 \, x^5 - 2 \, x^7 \right) \right. \\ \left. + \left(-2 \, x + 3 \, x + 3 \, x + 3 \, x^5 - 2 \, x^7 \right) \right. \\ \left. + \left(-2 \, x + 3 \, x + 3 \, x + 3 \, x + 3 \, x^5 - 2 \, x^7 \right) \right. \\ \left. + \left(-2 \, x + 3 \, x^5 - 2 \, x^7 \right) \right. \\ \left. + \left(-2 \, x + 3 \, x^5 - 2 \, x^7 \right) \right. \\ \left. + \left(-2 \, x + 3 \, x$$



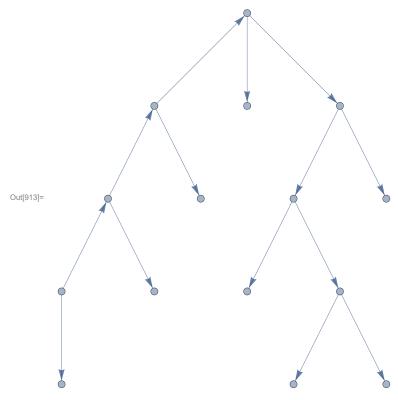
$$\text{Out} [\text{903}] = \left. \left\{ -\,x \,+\, x^3 \,-\, x^5 \,+\, G^4 \,\, x^7 \,+\, G^2 \,\, \left(-\,3\,\, x^3 \,+\, 3\,\, x^5 \right) \right. \\ \left. +\, G \,\, \left(1 \,-\, 2\,\, x^2 \,+\, 4\,\, x^4 \,-\, x^6 \right) \right. \\ \left. +\, G^3 \,\, \left(-\,x^4 \,+\, x^6 \right) \right. \\ \left. \left(-\,x^4 \,+\, x^6 \,+\,$$



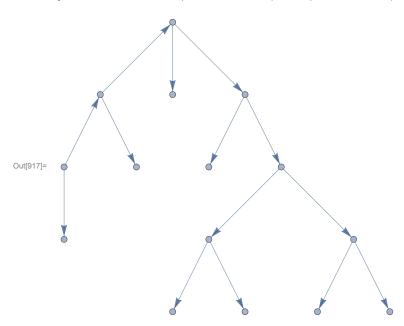
$$\begin{array}{l} \text{Out} [907] = & \left\{ \, -\, x^2 \, +\, x^4 \, -\, x^6 \, +\, G^5 \,\, x^9 \, +\, G \,\, \left(\, 2\,\, x \, -\, 4\,\, x^3 \, +\, 6\,\, x^5 \, -\, x^7 \, \right) \, \, + \\ & \quad \, G^3 \,\, \left(\, 3\,\, x^3 \, -\, 6\,\, x^5 \, +\, 6\,\, x^7 \, \right) \, \, +\, G^2 \,\, \left(\, -\, 1 \, +\, 3\,\, x^2 \, -\, 9\,\, x^4 \, +\, 6\,\, x^6 \, -\, x^8 \, \right) \, +\, G^4 \,\, \left(\, x^4 \, -\, 4\,\, x^6 \, +\, 2\,\, x^8 \, \right) \, \, \right\}$$



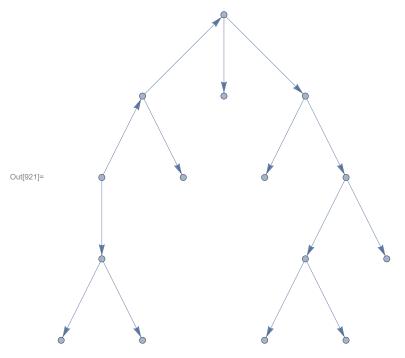
$$\text{Out} [911] = \left. \left\{ x^5 + G^4 \ \left(-2 \ x^3 + x^5 \right) \right. \\ \left. + \ G^3 \ \left(1 - 4 \ x^2 + 6 \ x^4 - 2 \ x^6 \right) \right. \\ \left. + \ G \ \left(-4 \ x^4 + 2 \ x^6 \right) \right. \\ \left. + \ G^2 \ \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right. \right\} \\ \left. \left. + \left(-x + 6 \ x^4 + 2 \ x^6 \right) \right. \\ \left. \left(-x + 6 \ x^4 + 2 \ x^6 \right) \right. \\ \left. \left(-x + 6 \ x^4 + 2 \ x^6 \right) \right. \\ \left. \left(-x + 6 \ x^4 + 2 \ x^6 \right) \right. \\ \left. \left(-x + 6 \ x^4 + 2 \ x^6 \right) \right. \\ \left. \left(-x + 6 \ x^4 + 2 \ x^6 \right) \right. \\ \left. \left(-x + 6 \ x^4 + 2 \ x^6 \right) \right. \\ \left. \left(-x + 6 \ x^4 + 2 \ x^6 \right) \right. \\ \left. \left(-x + 6 \ x^4 + 2 \ x^6 \right) \right. \\ \left. \left(-x + 6 \ x^4 + 2 \ x^6 \right) \right. \\ \left. \left(-x + 6 \ x^4 + 2 \ x^6 \right) \right. \\ \left. \left(-x + 6 \ x^4 + 2 \ x^6 \right) \right. \\ \left. \left(-x + 6 \ x^4 + 2 \ x^6 \right) \right. \\ \left. \left(-x + 6 \ x^4 + 2 \ x^6 \right) \right. \\ \left. \left(-x + 6 \ x^4 + 2 \ x^6 \right) \right] \\ \left. \left(-x + 6 \$$



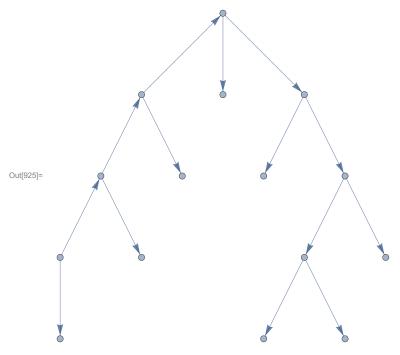
$$\text{Out} [\text{915}] = \ \left\{ \ 2 \ G^4 \ x^3 \ - \ x^5 \ + \ x^7 \ + \ G^3 \ \left(- \ 1 \ + \ 4 \ x^2 \ - \ 7 \ x^4 \right) \ + \ G^2 \ \left(x \ - \ 6 \ x^3 \ + \ 9 \ x^5 \right) \ + \ G \ \left(4 \ x^4 \ - \ 5 \ x^6 \right) \ \right\}$$



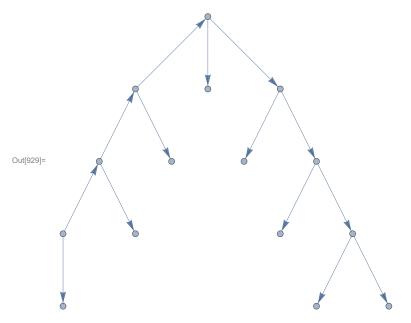
$$\text{Out} [919] = \left. \left. \left\{ G^5 \; x^3 \, + \, x^6 \, + \, G^4 \; \left(\, - \, 1 \, + \, 5 \; x^2 \, - \, 4 \; x^4 \, \right) \right. \right. \\ \left. + \; G^3 \; \left(x \, - \, 10 \; x^3 \, + \, 6 \; x^5 \right) \right. \\ \left. + \; G^2 \; \left(10 \; x^4 \, - \, 4 \; x^6 \right) \right. \\ \left. + \; G \; \left(\, - \, 5 \; x^5 \, + \, x^7 \right) \right. \\ \left. \left. \left(\, - \, 5 \; x^5 \, + \, x^7 \right) \right. \\ \left. \left(\, - \, 5 \; x^7 \, + \, x^7 \right) \right. \\ \left. \left(\, - \, 5 \; x^7 \, + \, x^7 \right) \right. \\ \left. \left(\, - \, 5 \; x^7 \, + \, x^7 \right) \right. \\ \left. \left(\, - \, 5 \; x^7 \, + \, x^7 \right) \right. \\ \left. \left(\, - \, 5 \; x^7 \, + \, x^7 \right) \right.$$



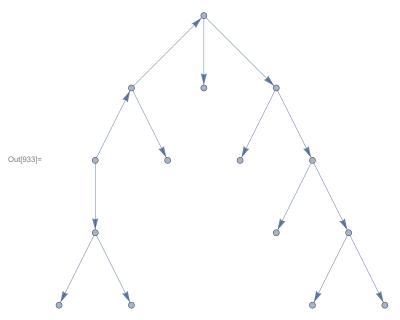
$$\begin{array}{lll} \text{Out} [923] = & \left\{ \, -\, x^{3} \, +\, x^{5} \, +\, G\, \left(\, 3\, \, x^{2} \, -\, 4\, \, x^{4} \, +\, 4\, \, x^{6}\, \right) \, +\, G^{2}\, \left(\, -\, 3\, \, x\, +\, 5\, \, x^{3} \, -\, 12\, \, x^{5} \, +\, 6\, \, x^{7}\, \right) \, +\, G^{3}\, \left(\, 1\, -\, 2\, \, x^{2} \, +\, 12\, \, x^{4} \, -\, 12\, \, x^{6} \, +\, 4\, \, x^{8}\, \right) \, +\, G^{4}\, \left(\, -\, 4\, \, x^{3} \, +\, 6\, \, x^{5} \, -\, 4\, \, x^{7} \, +\, x^{9}\, \right) \, \right\}$$



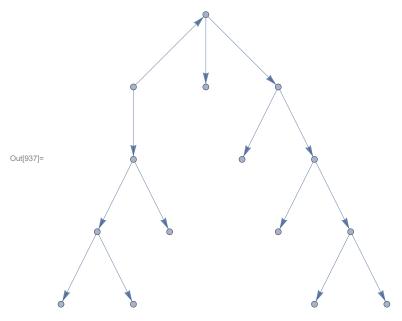
$$\text{Out} [927] = \left. \left\{ G^5 \ x^3 + x^6 + G^4 \ \left(-1 + 5 \ x^2 - 4 \ x^4 \right) \right. \\ \left. + G^3 \ \left(x - 10 \ x^3 + 6 \ x^5 \right) \right. \\ \left. + G^2 \ \left(10 \ x^4 - 4 \ x^6 \right) \right. \\ \left. + G \left(-5 \ x^5 + x^7 \right) \right. \\ \left. \right\} \left. \left(-5 \ x^5 + x^7 \right) \right. \\ \left. \left(-5 \ x^5 + x^7 \right) \right] \\ \left. \left(-5 \ x^7 \right) \right] \\ \left. \left(-5 \ x^7 \right) \right] \\ \left. \left(-5 \ x^7 \right) \right] \\ \left.$$



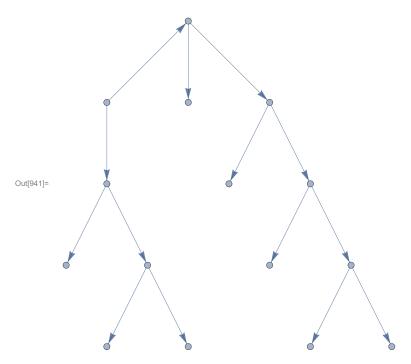
$$\text{Out} [\text{931}] = \ \left\{ -\, 20 \; G^3 \; x^4 \, + \, 15 \; G^2 \; x^5 \, - \, 6 \; G \; x^6 \, + \, x^7 \, + \, G^5 \; \left(1 \, - \, 6 \; x^2 \right) \, + \, G^4 \; \left(-\, x \, + \, 15 \; x^3 \right) \, \right\}$$



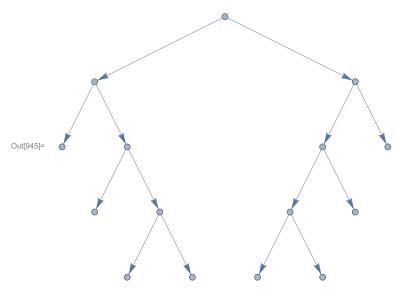
$$\begin{array}{l} \text{Out} \text{[935]=} & \left\{ \, -\,x^3\,+\,x^5\,+\,G\,\left(\,3\,\,x^2\,-\,4\,\,x^4\,+\,4\,\,x^6\,\right)\,+\,G^2\,\left(\,-\,3\,\,x\,+\,5\,\,x^3\,-\,12\,\,x^5\,+\,6\,\,x^7\,\right)\,+\, \\ & G^3\,\left(\,1\,-\,2\,\,x^2\,+\,12\,\,x^4\,-\,12\,\,x^6\,+\,4\,\,x^8\,\right)\,+\,G^4\,\left(\,-\,4\,\,x^3\,+\,6\,\,x^5\,-\,4\,\,x^7\,+\,x^9\,\right)\,\right\} \end{array}$$



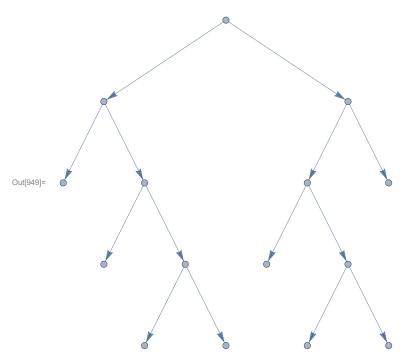
$$\begin{array}{l} \text{Out} [939] = \end{array} \left\{ -\,x^2\,+\,x^4\,-\,2\,\,x^6\,+\,G^5\,\,x^9\,+\,G\,\,\left(\,2\,\,x\,-\,4\,\,x^3\,+\,9\,\,x^5\,-\,3\,\,x^7\,\right) \,\,+\, \\ \qquad \qquad G^3\,\,\left(\,4\,\,x^3\,-\,6\,\,x^5\,+\,5\,\,x^7\,\right) \,\,+\,G^2\,\,\left(\,-\,1\,+\,3\,\,x^2\,-\,12\,\,x^4\,+\,9\,\,x^6\,-\,2\,\,x^8\,\right) \,+\,G^4\,\,\left(\,-\,2\,\,x^6\,+\,x^8\,\right) \,\,\right\} \end{array}$$



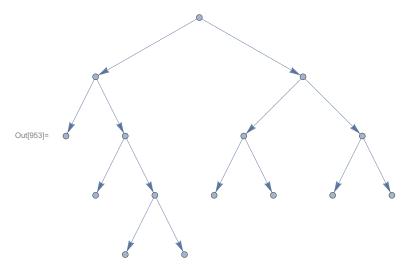
$$\text{Out} [943] = \left. \left\{ -\,x \,+\, x^3 \,+\, G^4 \,\, x^7 \,+\, G \,\, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \,\right) \right. \\ \left. +\, G^2 \,\, \left(-\,2\,\, x^3 \,+\, 3\,\, x^5 \right) \right. \\ \left. +\, G^3 \,\, \left(-\,2\,\, x^4 \,+\, 2\,\, x^6 \right) \right. \\ \left. \left(-\,2\,\, x^4 \,+\, 2$$



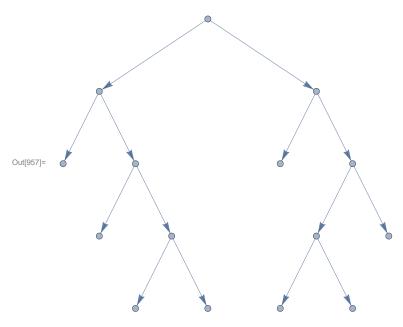
$$\text{Out} \text{[947]=} \quad \left\{ \, x \, - \, x^3 \, + \, 2 \, \, x^5 \, + \, x^9 \, + \, G^3 \, \, \left(- \, x^6 \, + \, x^{10} \right) \, + \, G \, \, \left(- \, 1 \, + \, 2 \, \, x^2 \, - \, 6 \, \, x^4 \, + \, 2 \, \, x^6 \, - \, 3 \, \, x^8 \, + \, 2 \, \, x^{10} \right) \, + \, G^2 \, \, \left(4 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, 3 \, \, x^7 \, - \, 3 \, \, x^9 \, + \, x^{11} \right) \, + \, G^4 \, \, \left(- \, 2 \, \, x^9 \, + \, x^{11} \right) \, \right\}$$

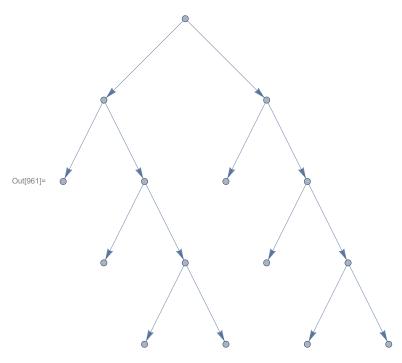


$$\text{Out} [951] = \left. \left\{ -\,x\,+\,x^3\,-\,x^5\,+\,G^4\,\,x^7\,+\,G^2\,\,\left(-\,3\,\,x^3\,+\,3\,\,x^5 \right) \right. \\ \left. +\,G\,\,\left(1\,-\,2\,\,x^2\,+\,4\,\,x^4\,-\,x^6 \right) \right. \\ \left. +\,G^3\,\,\left(-\,x^4\,+\,x^6 \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(-\,x^4\,+\,x^6 \right) \right$$

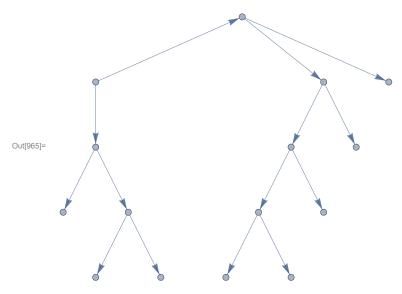


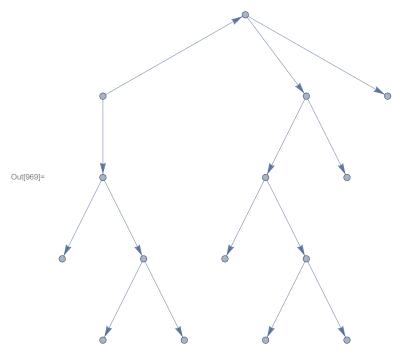
$$\text{Out} [955] = \left. \left\{ x - x^3 + x^5 + G^3 \, \left(x^4 - 2 \, x^6 \right) \right. \\ \left. + \, G \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, G^2 \, \left(3 \, x^3 - 3 \, x^5 + x^7 \right) \right. \right\} \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 + x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^4 +$$



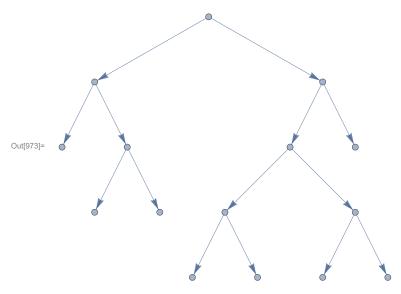


$$\text{Out} [963] = \left. \left\{ -\,x\,+\,x^{3}\,+\,G^{4}\,\,x^{7}\,+\,G\,\,\left(1\,-\,2\,\,x^{2}\,+\,2\,\,x^{4} \right) \right. \\ \left. +\,G^{2}\,\,\left(-\,2\,\,x^{3}\,+\,3\,\,x^{5} \right) \right. \\ \left. +\,G^{3}\,\,\left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left. \left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right. \\ \left. \left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right] \right. \\ \left. \left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right. \\ \left. \left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right] \right. \\ \left. \left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right] \right. \\ \left. \left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right] \right. \\ \left. \left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right] \right. \\ \left. \left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right. \\ \left. \left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{6}\,+\,2\,\,x^{6} \right) \right. \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right. \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right. \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right. \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right] \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right. \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right] \left. \left(-\,2\,\,x$$

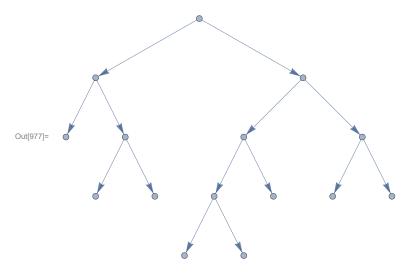




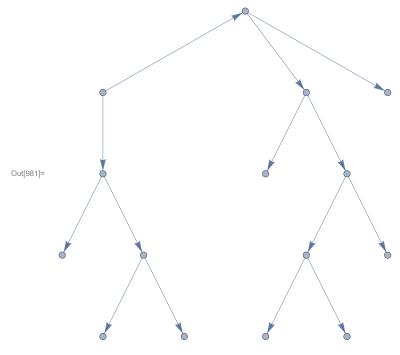
$$\text{Out} [971] = \left. \left\{ -\,x \,+\, x^3 \,-\, x^5 \,+\, G^4\,\, x^7 \,+\, G^2\,\, \left(\,-\,3\,\, x^3 \,+\, 3\,\, x^5 \,\right) \right. \\ \left. +\,G\,\, \left(\,1 \,-\, 2\,\, x^2 \,+\, 4\,\, x^4 \,-\, x^6 \,\right) \right. \\ \left. +\,G^3\,\, \left(\,-\, x^4 \,+\, x^6 \,\right) \right. \\ \left. \left. \left(\,-\, x^4 \,+\, x^4 \,+\, x^6 \,\right) \right. \\ \left. \left(\,-\, x^4 \,+\, x^4 \,+\, x^4 \,+\, x^6 \,\right) \right. \\ \left. \left(\,-\, x^4 \,+\, x^4 \,+\, x^4 \,+\, x^6 \,\right) \right. \\ \left. \left(\,-\, x^4 \,+\, x^4 \,+\, x^4 \,+\, x^4 \,+\, x^4 \,+\, x^6 \,\right) \right. \\ \left. \left(\,-\, x^4 \,+\, x^4 \,+\,$$



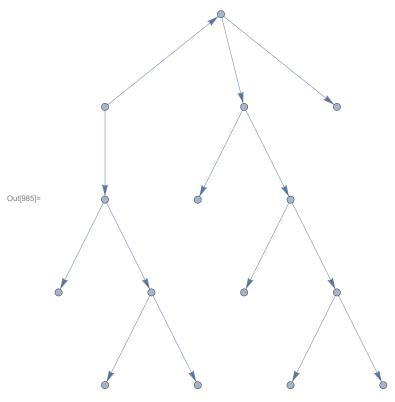
$$\text{Out} [975] = \left. \left\{ x - x^3 + x^5 + G^3 \, \left(x^4 - 2 \, x^6 \right) \right. \\ \left. + G \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + G^2 \, \left(3 \, x^3 - 3 \, x^5 + x^7 \right) \right. \right\} \\ \left. \left(x - x^3 + x^5 + x^$$



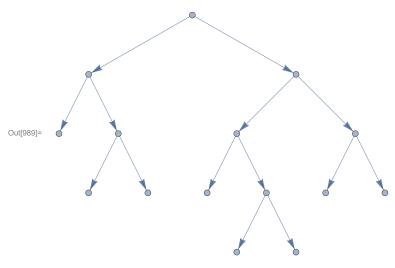
$$\text{Out} [\text{979}] = \ \left\{ \, x \, - \, x^3 \, + \, 2 \, \, x^5 \, - \, G^3 \, \, x^6 \, + \, G \, \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 6 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(4 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \right) \, \right\}$$



 $\text{Out} [983] = \left. \left\{ -\,x\,+\,x^{3}\,+\,G^{4}\,\,x^{7}\,+\,G\,\,\left(1\,-\,2\,\,x^{2}\,+\,2\,\,x^{4} \right) \right. \\ \left. +\,G^{2}\,\,\left(-\,2\,\,x^{3}\,+\,3\,\,x^{5} \right) \right. \\ \left. +\,G^{3}\,\,\left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right] \right. \\ \left. \left(-\,2\,\,x^{4}\,+\,2\,\,x^{6} \right) \right] \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,\,x^{6} \right) \right] \\ \left. \left(-\,2\,\,x^{6}\,+\,2\,x^{6} \right) \right] \\ \left. \left(-\,2\,\,x^{$

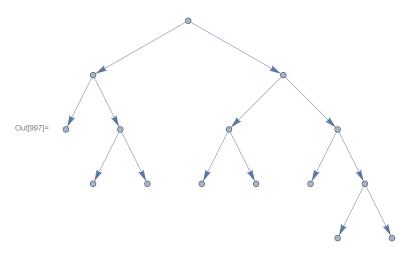


$$\text{Out} [987] = \left. \left\{ -\,x \,+\, x^3 \,-\, x^5 \,+\, G^4\,\, x^7 \,+\, G^2\,\, \left(\,-\,3\,\, x^3 \,+\, 3\,\, x^5 \,\right) \right. \\ \left. +\, G\,\, \left(\,1 \,-\, 2\,\, x^2 \,+\, 4\,\, x^4 \,-\, x^6 \,\right) \right. \\ \left. +\, G^3\,\, \left(\,-\, x^4 \,+\, x^6 \,\right) \right. \\ \left. \left. \left(\,-\, x^4 \,+\, x^4 \,+\, x^6 \,\right) \right. \\ \left. \left(\,-\, x^4 \,+\, x^4 \,+\, x^6 \,\right) \right. \\ \left. \left(\,-\, x^4 \,+\, x^4 \,+\, x^6 \,\right) \right. \\ \left. \left(\,-\, x^4 \,+\, x^4 \,+\, x^6 \,\right) \right. \\ \left. \left(\,-\, x^4 \,+\, x^4 \,+\, x^6 \,\right) \right. \\ \left. \left(\,-\, x^4 \,+\, x^4 \,+\, x^6 \,\right) \right. \\ \left. \left(\,-\, x^4 \,+\, x^4 \,+\, x^6 \,\right) \right. \\ \left. \left(\,-\, x^4 \,+\, x^4 \,+\, x^6 \,\right) \right. \\ \left. \left(\,-\, x^4 \,+\, x^4 \,+\, x^6 \,+\, x^4 \,+\, x^6 \,+\, x^4 \,+\, x^4 \,+\, x^6 \,+\, x^4 \,+\, x^4 \,+\, x^6 \,+\, x^4 \,+\, x^$$

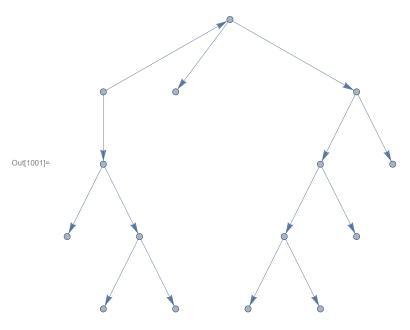


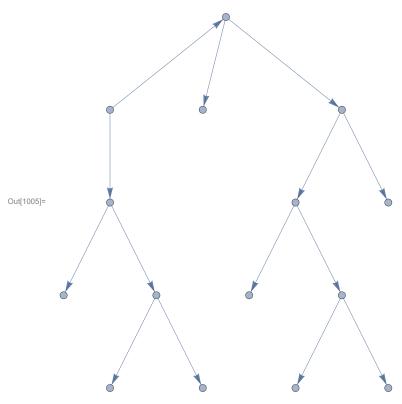
$$\text{Out} [991] = \left. \left\{ x - x^3 + x^5 + G^3 \, \left(x^4 - x^6 \right) \right. \\ \left. + G \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, G^2 \, \left(3 \, x^3 - 4 \, x^5 + x^7 \right) \right. \right\}$$

$$\text{Out} \text{[995]=} \quad \left\{ \, x \, - \, x^{3} \, + \, x^{5} \, + \, G^{3} \, \left(\, x^{4} \, - \, x^{6} \, \right) \right. \\ \left. + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^{2} \, - \, 4 \, \, x^{4} \, + \, 2 \, \, x^{6} \, \right) \right. \\ \left. + \, G^{2} \, \left(\, 3 \, \, x^{3} \, - \, 4 \, \, x^{5} \, + \, x^{7} \, \right) \right. \\ \left. + \, G^{2} \, \left(\, 3 \, \, x^{3} \, - \, 4 \, \, x^{5} \, + \, x^{7} \, \right) \right. \\ \left. + \, G^{2} \, \left(\, 3 \, \, x^{3} \, - \, 4 \, \, x^{5} \, + \, x^{7} \, \right) \right. \\ \left. + \, G^{2} \, \left(\, 3 \, \, x^{3} \, - \, 4 \, \, x^{5} \, + \, x^{7} \, \right) \right. \\ \left. + \, G^{2} \, \left(\, 3 \, \, x^{3} \, - \, 4 \, \, x^{5} \, + \, x^{7} \, \right) \right. \\ \left. + \, G^{2} \, \left(\, 3 \, \, x^{3} \, - \, 4 \, \, x^{5} \, + \, x^{7} \, \right) \right. \\ \left. + \, G^{2} \, \left(\, 3 \, \, x^{3} \, - \, 4 \, \, x^{5} \, + \, x^{7} \, \right) \right. \\ \left. + \, G^{2} \, \left(\, 3 \, \, x^{3} \, - \, 4 \, \, x^{5} \, + \, x^{7} \, \right) \right. \\ \left. + \, G^{2} \, \left(\, 3 \, \, x^{3} \, - \, 4 \, \, x^{5} \, + \, x^{7} \, \right) \right. \\ \left. + \, G^{2} \, \left(\, 3 \, \, x^{3} \, - \, 4 \, \, x^{5} \, + \, x^{7} \, \right) \right. \\ \left. + \, G^{2} \, \left(\, 3 \, \, x^{3} \, - \, 4 \, \, x^{5} \, + \, x^{7} \, \right) \right] \right. \\ \left. + \, G^{2} \, \left(\, 3 \, \, x^{3} \, - \, 4 \, \, x^{5} \, + \, x^{7} \, \right) \right. \\ \left. + \, G^{2} \, \left(\, 3 \, \, x^{3} \, - \, 4 \, \, x^{5} \, + \, x^{7} \, \right) \right. \\ \left. + \, G^{2} \, \left(\, 3 \, \, x^{3} \, - \, 4 \, \, x^{5} \, + \, x^{7} \, \right) \right. \\ \left. + \, G^{2} \, \left(\, 3 \, \, x^{3} \, - \, 4 \, \, x^{5} \, + \, x^{7} \, \right) \right. \\ \left. + \, G^{2} \, \left(\, 3 \, \, x^{3} \, - \, 4 \, \, x^{5} \, + \, x^{7} \, \right) \right. \\ \left. + \, G^{2} \, \left(\, 3 \, \, x^{3} \, - \, 4 \, \, x^{5} \, + \, x^{7} \, \right) \right. \\ \left. + \, G^{2} \, \left(\, 3 \, \, x^{3} \, - \, 4 \, \, x^{5} \, + \, x^{7} \, + \, x^{7} \, \right) \right. \\ \left. + \, G^{2} \, \left(\, 3 \, \, x^{3} \, - \, 4 \, \, x^{7} \, + \, x^{7} \, + \, x^{7} \, \right) \right. \\ \left. + \, G^{2} \, \left(\, 3 \, \, x^{3} \, - \, 4 \, \, x^{7} \, + \, x^{7} \, + \, x^{7} \, \right) \right. \\ \left. + \, G^{2} \, \left(\, 3 \, \, x^{7} \, - \, 4 \, \, x^{7} \, + \, x^{7} \, \right) \right. \\ \left. + \, G^{2} \, \left(\, 3 \, \, x^{7} \, - \, x^{7} \, + \, x^{7} \,$$

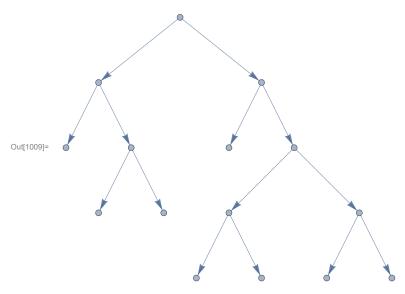


$$\text{Out[999]=} \quad \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \, + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 4 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



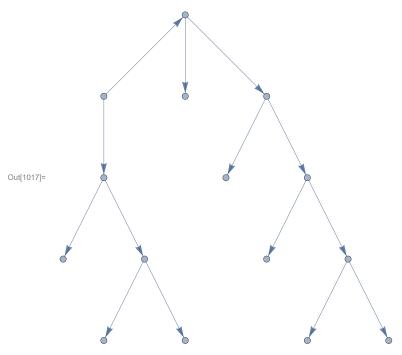


$$\text{Out[1007]=} \quad \left\{ x - x^3 + x^7 + G \, \left(-1 + 2 \, x^2 - 2 \, x^4 - 3 \, x^6 + 4 \, x^8 \right) \right. \\ \left. + \, G^2 \, \left(2 \, x^3 + x^5 - 9 \, x^7 + 7 \, x^9 \right) \right. \\ \left. + \, G^3 \, \left(4 \, x^6 - 11 \, x^8 + 7 \, x^{10} \right) \right. \\ \left. + \, G^4 \, \left(3 \, x^7 - 7 \, x^9 + 4 \, x^{11} \right) \right. \\ \left. + \, G^5 \, \left(x^8 - 2 \, x^{10} + x^{12} \right) \right. \\ \left. \right\}$$

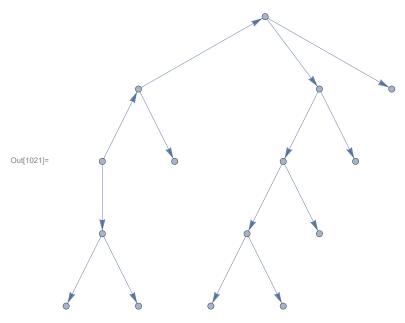


$$\begin{array}{l} \text{Out[1011]=} & \left\{ -\,x\,+\,x^{3}\,-\,x^{7}\,+\,x^{9}\,+\,G^{3}\,\,\left(\,-\,x^{4}\,-\,2\,\,x^{6}\,+\,5\,\,x^{8}\,-\,2\,\,x^{10} \right) \right. \\ & \left. G\,\,\left(\,1\,-\,2\,\,x^{2}\,+\,2\,\,x^{4}\,+\,2\,\,x^{6}\,-\,6\,\,x^{8}\,+\,2\,\,x^{10} \right) \right. \\ & \left. \left. G\,\,\left(\,-\,2\,\,x^{3}\,+\,x^{5}\,+\,8\,\,x^{7}\,-\,7\,\,x^{9}\,+\,x^{11} \right) \,\right\} \\ \end{array}$$

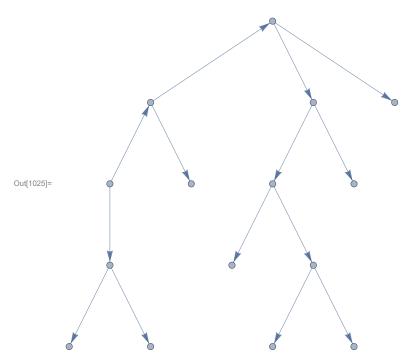
$$\begin{array}{l} \text{Out} \text{[1015]=} & \left\{ -\,x\,+\,x^{3}\,-\,x^{5}\,+\,x^{7}\,-\,x^{9}\,+\,x^{11}\,+\,x^{15}\,+\,G\,\left(1\,-\,2\,\,x^{2}\,+\,4\,\,x^{4}\,-\,4\,\,x^{6}\,+\,5\,\,x^{8}\,-\,8\,\,x^{10}\,+\,3\,\,x^{12}\,-\,5\,\,x^{14}\,+\,5\,\,x^{16}\right)\,+\,\\ & G^{2}\,\left(\,-\,3\,\,x^{3}\,+\,5\,\,x^{5}\,-\,6\,\,x^{7}\,+\,16\,\,x^{9}\,-\,15\,\,x^{11}\,+\,12\,\,x^{13}\,-\,20\,\,x^{15}\,+\,10\,\,x^{17}\right)\,+\,\\ & G^{3}\,\left(\,-\,x^{4}\,+\,2\,\,x^{6}\,-\,9\,\,x^{8}\,+\,18\,\,x^{10}\,-\,17\,\,x^{12}\,+\,28\,\,x^{14}\,-\,30\,\,x^{16}\,+\,10\,\,x^{18}\right)\,+\,\\ & G^{4}\,\left(\,x^{7}\,-\,5\,\,x^{9}\,+\,8\,\,x^{11}\,-\,16\,\,x^{13}\,+\,27\,\,x^{15}\,-\,20\,\,x^{17}\,+\,5\,\,x^{19}\right)\,+\,G^{5}\,\left(\,2\,\,x^{12}\,-\,7\,\,x^{14}\,+\,9\,\,x^{16}\,-\,5\,\,x^{18}\,+\,x^{20}\right)\,\right\} \end{array}$$

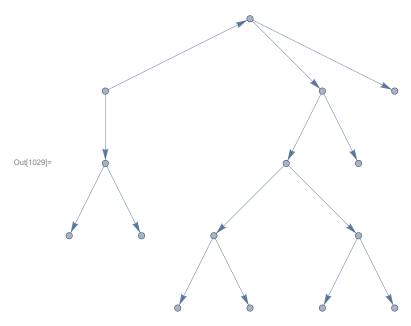


$$\text{Out} [\text{1019}] = \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \\ \left. +\, G^2 \, \left(-\,2\,\, x^3 \,+\, 2\,\, x^5 \right) \right. \\ \left. +\, G^3 \, \left(-\,x^4 \,+\, 2\,\, x^6 \right) \right. \\ \left. +\, G^4 \, \left(-\,x^5 \,+\, x^7 \right) \right. \\ \left. \left(-\,x^4 \,+\, 2\,\, x^6 \right) \right. \\ \left. \left(-\,x^4 \,+\,$$

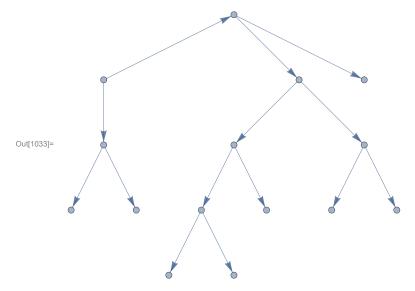


$$\begin{array}{l} \text{Out[1023]=} \quad \left\{ \, -\,x^{3}\,+\,x^{5}\,+\,G\,\,\left(\,3\,\,x^{2}\,-\,4\,\,x^{4}\,+\,4\,\,x^{6}\,\right)\,\,+\,G^{2}\,\,\left(\,-\,3\,\,x\,+\,5\,\,x^{3}\,-\,12\,\,x^{5}\,+\,6\,\,x^{7}\,\right)\,\,+\,\,G^{3}\,\,\left(\,1\,-\,2\,\,x^{2}\,+\,12\,\,x^{4}\,-\,12\,\,x^{6}\,+\,4\,\,x^{8}\,\right)\,\,+\,G^{4}\,\,\left(\,-\,4\,\,x^{3}\,+\,6\,\,x^{5}\,-\,4\,\,x^{7}\,+\,x^{9}\,\right)\,\,\right\} \end{array}$$

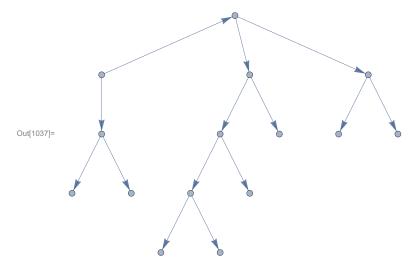




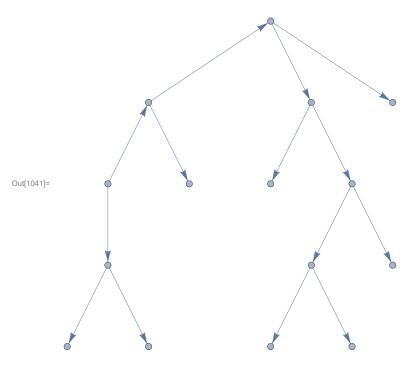
$$\text{Out} [\text{1031}] = \left. \left\{ \, x^2 \, - \, x^4 \, + \, x^6 \, + \, G^3 \, \left(\, - \, 4 \, \, x^3 \, + \, 5 \, \, x^5 \, - \, 2 \, \, x^7 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x \, + \, 3 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, 2 \, \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^4 \, + \, x^8 \, + \, 3 \, \, x^8 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^4 \, + \, x^8 \, + \, x^8 \, + \, x^8 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^4 \, + \, x^8 \,$$

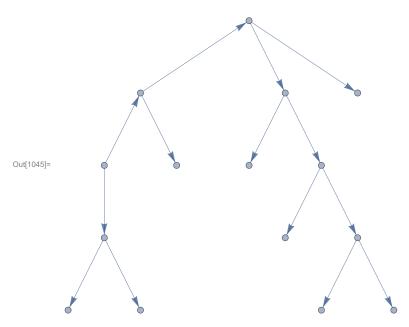


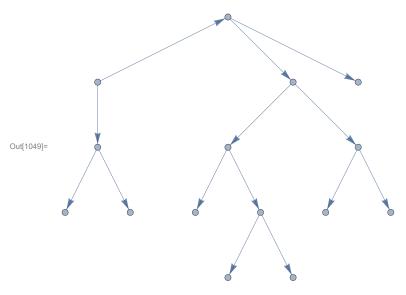
$$\text{Out} [\text{1035}] = \left\{ \, x^2 \, - \, x^4 \, + \, x^6 \, + \, G^3 \, \left(\, - \, 4 \, \, x^3 \, + \, 5 \, \, x^5 \, - \, 2 \, \, x^7 \, \right) \, + \, G \, \left(\, - \, 2 \, \, x \, + \, 3 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, 2 \, \, x^7 \, \right) \, + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \, \right\}$$



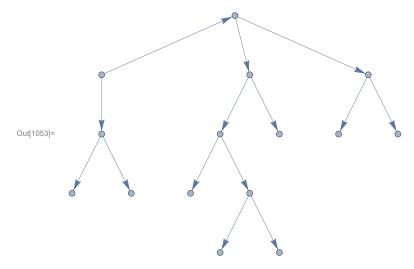
$$\text{Out} [\text{1039}] = \left. \left\{ \, x^2 \, - \, x^4 \, + \, x^6 \, + \, G^3 \, \left(\, - \, 4 \, \, x^3 \, + \, 5 \, \, x^5 \, - \, 2 \, \, x^7 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x \, + \, 3 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, 2 \, \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^4 \, + \, x^6 \, + \, 3 \, \, x^8 \, + \, 3 \, x^8 \, + \,$$



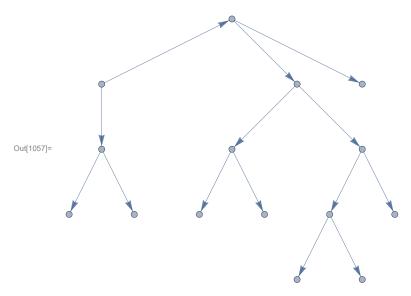




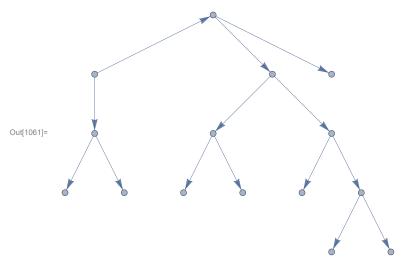
$$\text{Out} [\text{1051}] = \left. \left\{ x^2 - x^4 + x^6 + G^3 \right. \left(-4 \, x^3 + 5 \, x^5 - 2 \, x^7 \right) \right. \\ \left. + G \left. \left(-2 \, x + 3 \, x^3 - 6 \, x^5 + 2 \, x^7 \right) \right. \\ \left. + G^2 \left. \left(1 - 2 \, x^2 + 9 \, x^4 - 7 \, x^6 + x^8 \right) \right. \right\} \\ \left. + \left(-2 \, x + 3 \, x^3 - 6 \, x^5 + 2 \, x^7 \right) \right. \\ \left. + \left(-2 \, x + 3 \, x^3 - 6 \, x^5 + 2 \, x^7 \right) \right. \\ \left. + \left(-2 \, x + 3 \, x^3 - 6 \, x^5 + 2 \, x^7 \right) \right. \\ \left. + \left(-2 \, x + 3 \, x^3 - 6 \, x^5 + 2 \, x^7 \right) \right. \\ \left. + \left(-2 \, x + 3 \, x + 2 \, x^7 \right) \right. \\ \left. + \left(-2 \, x + 3 \, x + 2 \, x^7 \right) \right. \\ \left. + \left(-2 \, x + 3 \, x + 2 \, x^7 \right) \right. \\ \left. + \left(-2 \, x + 3 \, x + 2 \, x^7 \right) \right. \\ \left. + \left(-2 \, x + 3 \, x + 2 \, x^7 \right) \right. \\ \left. + \left(-2 \, x + 3 \, x + 2 \, x^7 \right) \right. \\ \left. + \left(-2 \, x + 3 \, x + 2 \, x + 2 \, x^7 \right) \right. \\ \left. + \left(-2 \, x + 3 \, x + 2 \, x + 2 \, x^7 \right) \right. \\ \left. + \left(-2 \, x + 3 \, x + 2 \, x + 2 \, x^7 \right) \right. \\ \left. + \left(-2 \, x + 3 \, x + 2 \, x + 2 \, x + 2 \, x^7 \right) \right. \\ \left. + \left(-2 \, x + 3 \, x + 2 \, x + 2 \, x + 2 \, x^7 \right) \right. \\ \left. + \left(-2 \, x + 3 \, x + 2 \, x + 2 \, x + 2 \, x^7 \right) \right. \\ \left. + \left(-2 \, x + 3 \, x + 2 \, x^7 \right) \right. \\ \left. + \left(-2 \, x + 3 \, x + 2 \, x$$



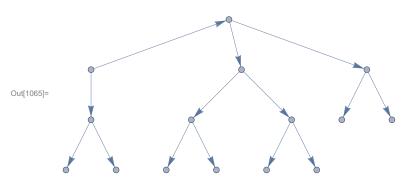
$$\text{Out} [\text{1055}] = \left. \left\{ \, x^2 \, - \, x^4 \, + \, x^6 \, + \, G^3 \, \left(\, - \, 4 \, \, x^3 \, + \, 5 \, \, x^5 \, - \, 2 \, \, x^7 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x \, + \, \, 3 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, 2 \, \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^4 \, + \, x^8 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^4 \, + \, x^8 \, + \, x^8 \, + \, x^8 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^4 \, + \, x^8 \, + \,$$



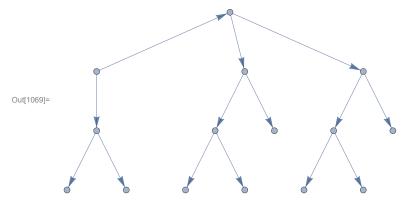
$$\text{Out} \text{[1059]= } \left\{ x - x^3 + x^5 + G^3 \, \left(x^4 - x^6 \right) \right. \\ \left. + G \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, G^2 \, \left(3 \, x^3 - 4 \, x^5 + x^7 \right) \right. \\ \left. \right\} \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left(x^4 - x^6 \right) \right] \\ \left. \left(x^4 - x^6 \right) + \left$$



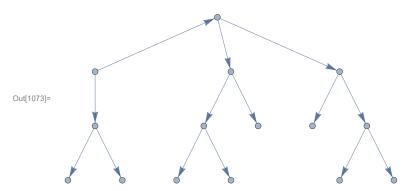
$$\text{Out} [\text{1063}] = \left. \left\{ \, x \, - \, x^3 \, + \, 2 \, \, x^5 \, - \, G^3 \, \, x^6 \, + \, G \, \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 6 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \, + \, G^2 \, \, \left(4 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \right) \, \right\}$$



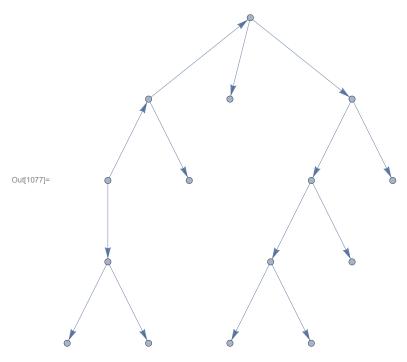
$$\text{Out} [\text{1067}] = \left. \left\{ -\,x \,+\, x^3 \,-\, 2\; x^5 \,+\, x^7 \,+\, G^2 \,\, \left(-\,4\; x^3 \,+\, 4\; x^5 \right) \right. \,+\, G \,\, \left(1 \,-\, 2\; x^2 \,+\, 6\; x^4 \,-\, 4\; x^6 \right) \, \right\}$$



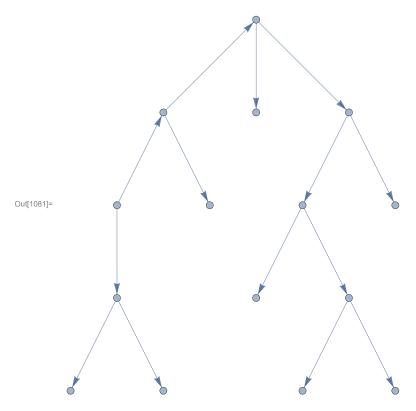
$$\text{Out[1071]=} \quad \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \, + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 4 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



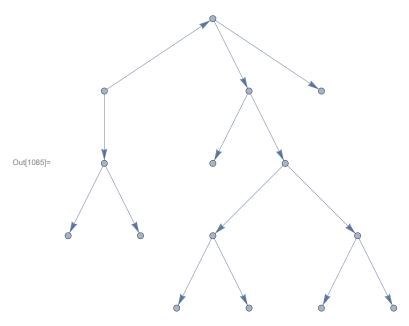
$$\text{Out} [\text{1075}] = \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(x^4 \, - \, x^6 \, \right) \, + \, G \, \left(- \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \right) \, + \, G^2 \, \left(3 \, \, x^3 \, - \, 4 \, \, x^5 \, + \, x^7 \right) \, \right\}$$



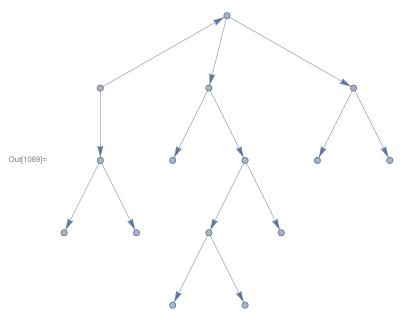
$$\begin{array}{l} \text{Out} \text{[1079]=} & \left\{ \, x^2 \, - \, x^4 \, + \, x^8 \, + \, G \, \left(\, - \, 2 \, \, x \, + \, 3 \, \, x^3 \, - \, 2 \, \, x^5 \, - \, 4 \, \, x^7 \, + \, 4 \, \, x^9 \, \right) \, + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 4 \, \, x^4 \, + \, 3 \, \, x^6 \, - \, 12 \, \, x^8 \, + \, 6 \, \, x^{10} \, \right) \, + \, G^3 \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, + \, 9 \, \, x^7 \, - \, 12 \, \, x^9 \, + \, 4 \, \, x^{11} \, \right) \, + \, G^4 \, \left(\, - \, x^4 \, - \, x^6 \, + \, 5 \, \, x^8 \, - \, 4 \, \, x^{10} \, + \, x^{12} \, \right) \, \right\}$$



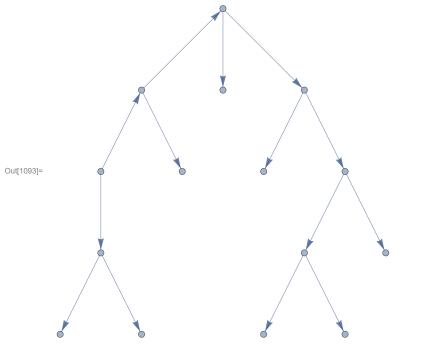
$$\begin{array}{l} \text{Out} [1083] = \end{array} \left\{ -\,x^{2}\,+\,x^{4}\,+\,G\,\,\left(2\,\,x\,-\,3\,\,x^{3}\,+\,2\,\,x^{5}\,\right)\,\,+\,\\ G^{2}\,\,\left(\,-\,1\,+\,2\,\,x^{2}\,-\,4\,\,x^{4}\,+\,3\,\,x^{6}\,\right)\,+\,G^{3}\,\,\left(\,2\,\,x^{3}\,-\,5\,\,x^{5}\,+\,3\,\,x^{7}\,\right)\,\,+\,G^{4}\,\,\left(\,2\,\,x^{4}\,-\,3\,\,x^{6}\,+\,x^{8}\,\right)\,\right\} \end{array}$$



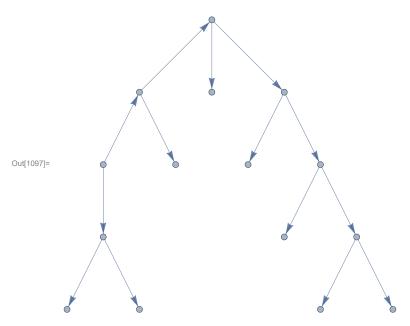
$$\text{Out} [\text{1087}] = \left. \left\{ x - x^3 + x^5 + G^3 \, \left(x^4 - 2 \, x^6 \right) \right. \\ \left. + \, G \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + \, G^2 \, \left(3 \, x^3 - 3 \, x^5 + x^7 \right) \right. \right\} \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right] \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right] \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right] \\ \left. \left(-1 + 2 \, x^4 + x^6 \right)$$



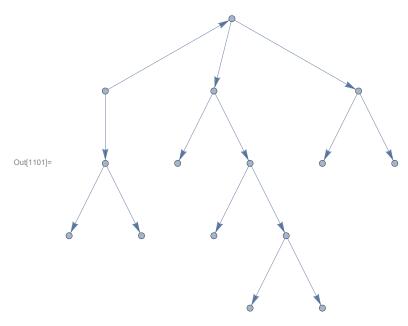
$$\text{Out} [\texttt{1091}] = \left. \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(\, x^4 \, - \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. \left. \right\} \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left. + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. \left. \right\} \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left. + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, x^6 \, + \, x^6 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, x^6 \, + \, x^6$$



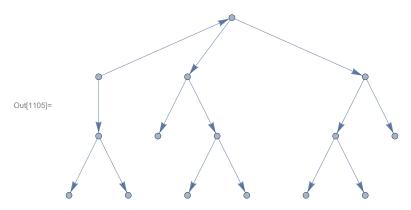
$$\text{Out} [\text{1095}] = \left. \left\{ -\,x\,+\,x^3\,-\,x^5\,+\,G^4\,\,x^7\,+\,G^2\,\,\left(\,-\,3\,\,x^3\,+\,3\,\,x^5 \,\right) \right. \\ \left. +\,G\,\,\left(\,1\,-\,2\,\,x^2\,+\,4\,\,x^4\,-\,x^6 \,\right) \right. \\ \left. +\,G^3\,\,\left(\,-\,x^4\,+\,x^6 \,\right) \right. \\ \left. \left. +\,G^3\,\,\left(\,-\,x^4\,+\,x^6 \,\right) \right. \\ \left. \left(\,-\,x^4 \,+\,x^6 \,\right) \right. \\ \left. \left(\,-$$



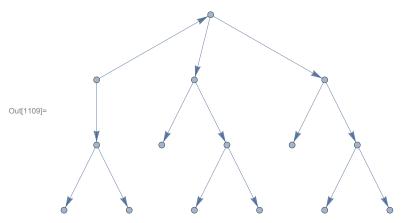
$$\text{Out[1099]= } \left\{ -\,x^2\,+\,x^4\,-\,2\,\,x^6\,+\,G^5\,\,x^9\,+\,G\,\,\left(2\,\,x\,-\,4\,\,x^3\,+\,9\,\,x^5\,-\,3\,\,x^7\right)\,\,+\, \\ \left. \,G^3\,\,\left(4\,\,x^3\,-\,6\,\,x^5\,+\,5\,\,x^7\right)\,+\,G^2\,\,\left(-\,1\,+\,3\,\,x^2\,-\,12\,\,x^4\,+\,9\,\,x^6\,-\,2\,\,x^8\right)\,+\,G^4\,\,\left(-\,2\,\,x^6\,+\,x^8\right)\,\right\}$$



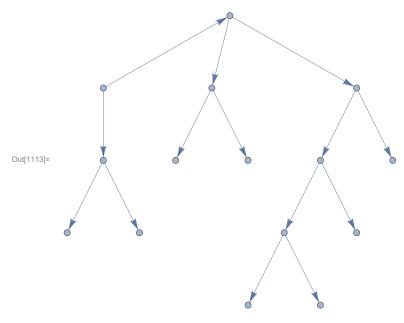
$$\text{Out} [\text{1103}] = \left. \left\{ \, x - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(\, x^4 \, - \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



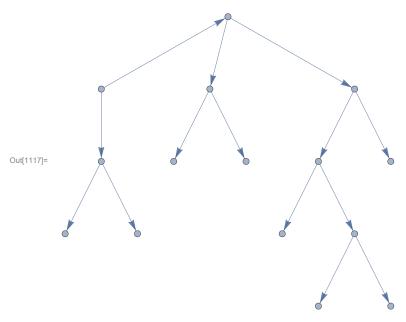
$$\text{Out[1107]=} \quad \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \, \left(\, x^4 \, - \, x^6 \, \right) \, + \, G \, \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^2 \, \, \left(\, 3 \, \, x^3 \, - \, 4 \, \, x^5 \, + \, x^7 \, \right) \, \, \right\}$$



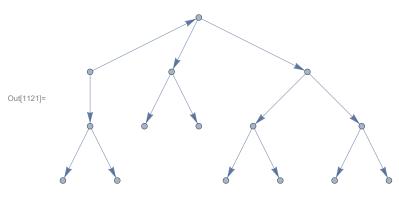
$$\text{Out[1111]=} \quad \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \, + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 4 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



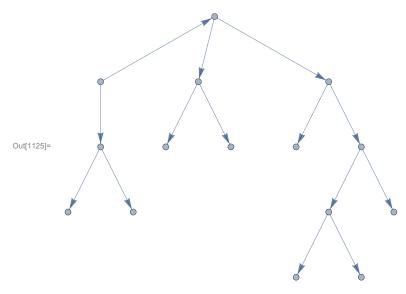
$$\text{Out[1115]=} \quad \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \, + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 4 \, \, x^5 \, + \, x^7 \, \right) \, \, \right\}$$



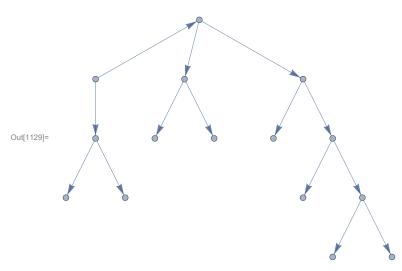
$$\text{Out[1119]= } \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(x^4 \, - \, x^6 \, \right) \, + \, G \, \left(- \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \right) \, + \, G^2 \, \left(3 \, \, x^3 \, - \, 4 \, \, x^5 \, + \, x^7 \right) \, \right\}$$



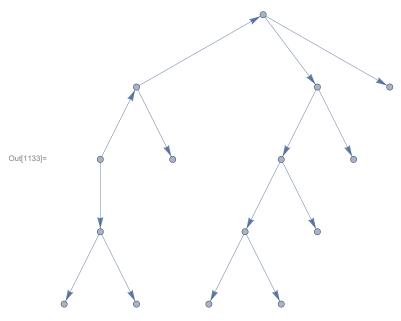
$$\text{Out[1123]=} \left. \left\{ -\,x\,+\,x^3\,-\,2\,\,G^3\,\,x^4\,-\,x^5\,+\,x^7\,+\,G^2\,\,\left(-\,2\,\,x^3\,+\,5\,\,x^5 \right) \right. \\ \left. +\,G\,\,\left(1\,-\,2\,\,x^2\,+\,3\,\,x^4\,-\,4\,\,x^6 \right) \right. \right\} \\ \left. \left. \left(-\,2\,\,x^3\,+\,5\,\,x^5 \right) \right. \\ \left. \left(-\,2\,\,x^4\,+\,3\,\,x^4\,-\,4\,\,x^6 \right) \right. \\ \left. \left(-\,2\,\,x^4\,+\,$$



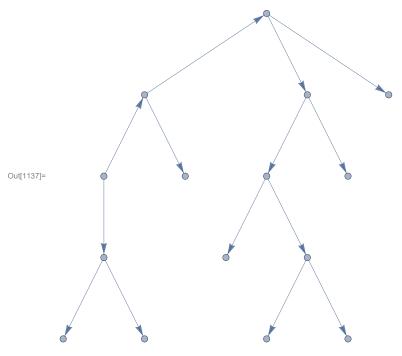
$$\begin{array}{lll} \text{Out[1127]=} & \left\{ -\,x\,+\,x^{3}\,-\,x^{5}\,-\,G^{4}\,\,x^{7}\,+\,x^{9}\,+\,G^{3}\,\,\left(-\,x^{4}\,-\,2\,\,x^{6}\,+\,3\,\,x^{8} \right) \right. \\ & \left. -\,G^{2}\,\,\left(-\,2\,\,x^{3}\,+\,2\,\,x^{5}\,+\,5\,\,x^{7}\,-\,3\,\,x^{9} \right) \right. \\ & \left. +\,G\,\left(1\,-\,2\,\,x^{2}\,+\,3\,\,x^{4}\,-\,x^{6}\,-\,4\,\,x^{8}\,+\,x^{10} \right) \right. \end{array} \right\}$$



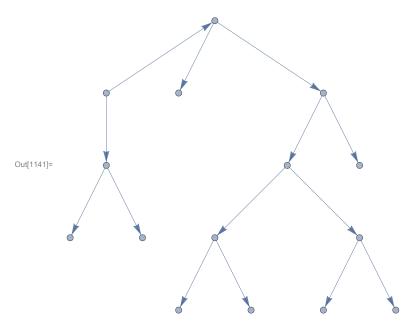
$$\text{Out} [\text{1131}] = \left. \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^4 \, \, x^5 \, + \, G^3 \, \, \left(\, x^4 \, - \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G \, \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \, \left(\, 2 \, \, x^3 \, - \, 2 \, \, x^5 \, + \, x^7 \, \right) \, \right\} \\ \left. - \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, x^6 \, + \, x^6 \, + \, x^6 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, x^6 \, + \,$$



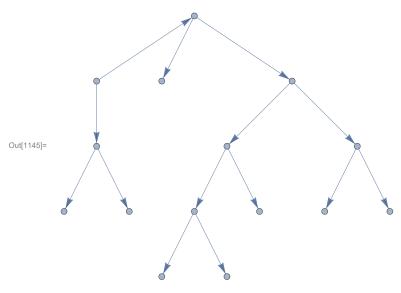
$$\begin{array}{l} \text{Out} \text{[1135]=} & \left\{ x^3 - x^5 + x^9 + G \, \left(-3 \, x^2 + 4 \, x^4 - 3 \, x^6 - 5 \, x^8 + 5 \, x^{10} \right) \right. \\ & \left. G^2 \, \left(3 \, x - 5 \, x^3 + 9 \, x^5 + 6 \, x^7 - 20 \, x^9 + 10 \, x^{11} \right) \right. \\ & \left. G^4 \, \left(3 \, x^3 - x^5 - 15 \, x^7 + 29 \, x^9 - 20 \, x^{11} + 5 \, x^{13} \right) \right. \\ & \left. G^5 \, \left(3 \, x^6 - 9 \, x^8 + 10 \, x^{10} - 5 \, x^{12} + x^{14} \right) \right. \right\}$$



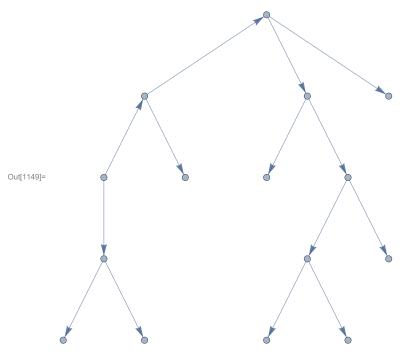
$$\begin{array}{l} \text{Out[1139]=} & \left\{ \, x^3 \, - \, x^5 \, + \, x^9 \, + \, G \, \left(\, - \, 3 \, \, x^2 \, + \, 4 \, \, x^4 \, - \, 3 \, \, x^6 \, - \, 5 \, \, x^8 \, + \, 5 \, \, x^{10} \right) \, + \\ & G^2 \, \left(\, 3 \, \, x \, - \, 5 \, \, x^3 \, + \, 9 \, \, x^5 \, + \, 6 \, \, x^7 \, - \, 20 \, \, x^9 \, + \, 10 \, \, x^{11} \right) \, + G^3 \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 9 \, \, x^4 \, - \, x^6 \, + \, 27 \, \, x^8 \, - \, 30 \, \, x^{10} \, + \, 10 \, \, x^{12} \right) \, + \\ & G^4 \, \left(\, 3 \, \, x^3 \, - \, x^5 \, - \, 15 \, \, x^7 \, + \, 29 \, \, x^9 \, - \, 20 \, \, x^{11} \, + \, 5 \, \, x^{13} \right) \, + G^5 \, \left(\, 3 \, \, x^6 \, - \, 9 \, \, x^8 \, + \, 10 \, \, x^{10} \, - \, 5 \, \, x^{12} \, + \, x^{14} \right) \, \right\}$$



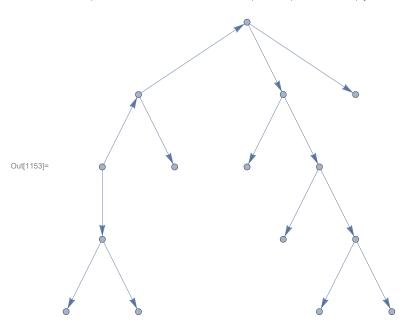
$$\begin{array}{l} \text{Out} [1143] = \end{array} \left\{ \left. \begin{array}{l} x - x^3 + x^5 + x^7 - 2 \ x^9 + x^{11} + G^3 \ \left(3 \ x^6 - 8 \ x^8 + 4 \ x^{10} \right) \right. \\ \left. \left. \left. \left. \left(3 \ x^3 - 11 \ x^7 + 14 \ x^9 - 4 \ x^{11} \right) \right. + G \ \left(-1 + 2 \ x^2 - 4 \ x^4 - 2 \ x^6 + 9 \ x^8 - 7 \ x^{10} + x^{12} \right) \right. \right\} \end{array} \right\}$$

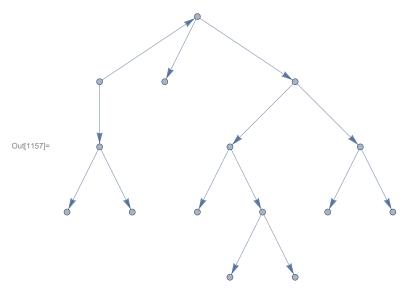


$$\begin{array}{l} \text{Out} \text{[1147]=} & \left\{ -\,x\,+\,x^{3}\,-\,x^{7}\,+\,x^{9}\,+\,G^{3}\,\,\left(\,-\,x^{4}\,-\,2\,\,x^{6}\,+\,5\,\,x^{8}\,-\,2\,\,x^{10} \right) \,+\, \\ & \quad G\,\,\left(\,1\,-\,2\,\,x^{2}\,+\,2\,\,x^{4}\,+\,2\,\,x^{6}\,-\,6\,\,x^{8}\,+\,2\,\,x^{10} \right) \,+\,G^{2}\,\,\left(\,-\,2\,\,x^{3}\,+\,x^{5}\,+\,8\,\,x^{7}\,-\,7\,\,x^{9}\,+\,x^{11} \right) \,\right\} \end{array}$$

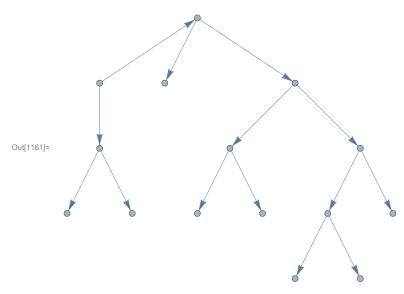


$$\begin{array}{l} \text{Out[1151]=} & \left\{ \, x \, - \, x^3 \, + \, 2 \, \, x^5 \, + \, x^9 \, + \, G^3 \, \, \left(\, - \, x^6 \, + \, x^{10} \right) \, + \, G \, \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 6 \, \, x^4 \, + \, 2 \, \, x^6 \, - \, 3 \, \, x^8 \, + \, 2 \, \, x^{10} \right) \, + \\ & \left. \, G^2 \, \left(\, 4 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, 3 \, \, x^7 \, - \, 3 \, \, x^9 \, + \, x^{11} \right) \, + \, G^4 \, \, \left(\, - \, 2 \, \, x^9 \, + \, x^{11} \right) \, \, \right\} \\ & \left. \, \, \left(\, - \, 2 \, \, x^9 \, + \, x^{11} \, \right) \, + \, G^4 \, \left(\, - \, 2 \, x^9 \, + \, x^{11} \, \right) \, + \, G^4 \, \left(\, - \, 2 \, x^9 \, + \, x^{11} \, \right) \, \, \right\} \\ & \left. \, \, \, \left(\, - \, 2 \, x^9 \, + \, x^{11} \, \right) \, + \, G^4 \, \left(\, - \, 2 \, x^9 \, + \, x^{11} \, \right) \, \, \right\} \\ & \left. \, \, \, \left(\, - \, 2 \, x^9 \, + \, x^{11} \, \right) \, + \, G^4 \, \left(\, - \, 2 \, x^9 \, + \, x^{11} \, \right) \, \, \right\} \\ & \left. \, \, \, \left(\, - \, 2 \, x^9 \, + \, x^{11} \, \right) \, + \, G^4 \, \left(\, - \, 2 \, x^9 \, + \, x^{11} \, \right) \, \, \right\} \\ & \left. \, \, \, \left(\, - \, 2 \, x^9 \, + \, x^{11} \, \right) \, + \, G^4 \, \left(\, - \, 2 \, x^9 \, + \, x^{11} \, \right) \, \, \right\} \\ & \left. \, \, \, \left(\, - \, 2 \, x^9 \, + \, x^{11} \, \right) \, + \, G^4 \, \left(\, - \, 2 \, x^9 \, + \, x^{11} \, \right) \, \, \right\} \\ & \left. \, \, \left(\, - \, 2 \, x^9 \, + \, x^{11} \, \right) \, + \, G^4 \, \left(\, - \, 2 \, x^9 \, + \, x^{11} \, \right) \, \, \right\} \\ & \left. \, \, \left(\, - \, 2 \, x^9 \, + \, x^{11} \, \right) \, + \, G^4 \, \left(\, - \, 2 \, x^9 \, + \, x^{11} \, \right) \, \right\} \\ & \left. \, \, \left(\, - \, 2 \, x^9 \, + \, x^{11} \, \right) \, + \, G^4 \, \left(\, - \, 2 \, x^9 \, + \, x^{11} \, \right) \, \right\} \\ & \left. \, \, \left(\, - \, 2 \, x^9 \, + \, x^{11} \, + \, x^9 \, + \, x$$

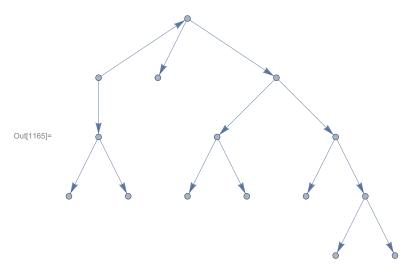




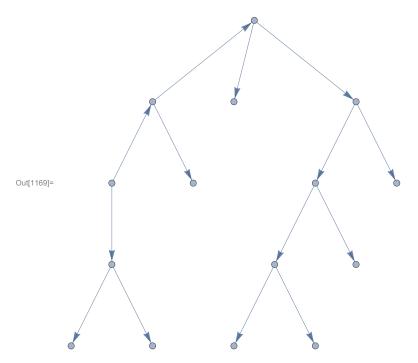
$$\begin{array}{l} \text{Out} \text{[1159]=} & \left\{ -\,x\,+\,x^{3}\,-\,x^{7}\,+\,x^{9}\,+\,G^{3}\,\,\left(\,-\,x^{4}\,-\,2\,\,x^{6}\,+\,5\,\,x^{8}\,-\,2\,\,x^{10} \right) \right. \\ & \left. -\,G\,\,\left(\,1\,-\,2\,\,x^{2}\,+\,2\,\,x^{4}\,+\,2\,\,x^{6}\,-\,6\,\,x^{8}\,+\,2\,\,x^{10} \right) \right. \\ & \left. +\,G^{2}\,\,\left(\,-\,2\,\,x^{3}\,+\,x^{5}\,+\,8\,\,x^{7}\,-\,7\,\,x^{9}\,+\,x^{11} \right) \,\right\} \\ & \left. -\,G\,\,\left(\,1\,-\,2\,\,x^{2}\,+\,2\,\,x^{4}\,+\,2\,\,x^{6}\,-\,6\,\,x^{8}\,+\,2\,\,x^{10} \right) \right. \\ & \left. +\,G^{2}\,\,\left(\,-\,2\,\,x^{3}\,+\,x^{5}\,+\,8\,\,x^{7}\,-\,7\,\,x^{9}\,+\,x^{11} \right) \,\right\} \\ & \left. -\,G\,\,\left(\,1\,-\,2\,\,x^{2}\,+\,2\,\,x^{4}\,+\,2\,\,x^{6}\,-\,6\,\,x^{8}\,+\,2\,\,x^{10} \right) \right. \\ & \left. -\,G\,\,\left(\,1\,-\,2\,\,x^{2}\,+\,2\,\,x^{4}\,+\,2\,\,x^{2}\,+\,2\,$$



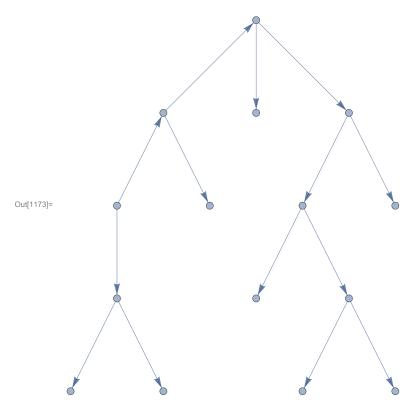
$$\begin{array}{lll} \text{Out} \text{[1163]=} & \left\{ -\,x\,+\,x^3\,-\,x^5\,-\,G^4\,\,x^7\,+\,x^9\,+\,G^3\,\,\left(-\,x^4\,-\,2\,\,x^6\,+\,3\,\,x^8\right)\,\,+\, \\ & G^2\,\,\left(-\,2\,\,x^3\,+\,2\,\,x^5\,+\,5\,\,x^7\,-\,3\,\,x^9\right)\,+\,G\,\,\left(1\,-\,2\,\,x^2\,+\,3\,\,x^4\,-\,x^6\,-\,4\,\,x^8\,+\,x^{10}\right)\, \right\} \end{array}$$



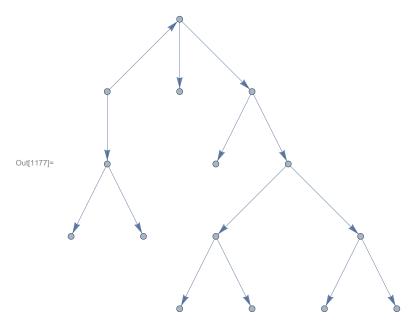
$$\begin{array}{ll} \text{Out} \text{[1167]=} & \left\{ -x + x^3 - x^7 + x^9 + G^4 \left(-x^5 - x^7 \right) + G^3 \left(-x^4 + 3 \, x^8 \right) \right. \\ & \left. - G^2 \left(-x^3 + 4 \, x^7 - 3 \, x^9 \right) + G \left(1 - 2 \, x^2 + x^4 + 2 \, x^6 - 4 \, x^8 + x^{10} \right) \right. \end{array} \right\}$$



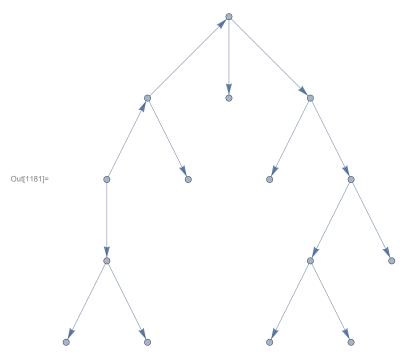
$$\begin{array}{l} \text{Out} \text{[1171]=} & \left\{ -\,x\,+\,x^{3}\,-\,x^{5}\,+\,x^{7}\,-\,x^{9}\,+\,x^{11}\,+\,x^{15}\,+\,G\,\left(1\,-\,2\,\,x^{2}\,+\,4\,\,x^{4}\,-\,4\,\,x^{6}\,+\,5\,\,x^{8}\,-\,8\,\,x^{10}\,+\,3\,\,x^{12}\,-\,5\,\,x^{14}\,+\,5\,\,x^{16}\right)\,+\,\\ & G^{2}\,\left(\,-\,3\,\,x^{3}\,+\,5\,\,x^{5}\,-\,6\,\,x^{7}\,+\,16\,\,x^{9}\,-\,15\,\,x^{11}\,+\,12\,\,x^{13}\,-\,20\,\,x^{15}\,+\,10\,\,x^{17}\right)\,+\,\\ & G^{3}\,\left(\,-\,x^{4}\,+\,2\,\,x^{6}\,-\,9\,\,x^{8}\,+\,18\,\,x^{10}\,-\,17\,\,x^{12}\,+\,28\,\,x^{14}\,-\,30\,\,x^{16}\,+\,10\,\,x^{18}\right)\,+\,\\ & G^{4}\,\left(\,x^{7}\,-\,5\,\,x^{9}\,+\,8\,\,x^{11}\,-\,16\,\,x^{13}\,+\,27\,\,x^{15}\,-\,20\,\,x^{17}\,+\,5\,\,x^{19}\right)\,+\,G^{5}\,\left(\,2\,\,x^{12}\,-\,7\,\,x^{14}\,+\,9\,\,x^{16}\,-\,5\,\,x^{18}\,+\,x^{20}\right)\,\right\} \end{array}$$



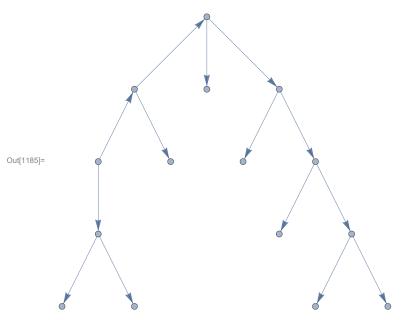
$$\begin{array}{l} \text{Out} \text{[1175]=} & \left\{ -\,x\,+\,x^{3}\,-\,x^{5}\,+\,x^{7}\,-\,x^{9}\,+\,x^{11}\,+\,x^{15}\,+\,G\,\left(1\,-\,2\,\,x^{2}\,+\,4\,\,x^{4}\,-\,4\,\,x^{6}\,+\,5\,\,x^{8}\,-\,8\,\,x^{10}\,+\,3\,\,x^{12}\,-\,5\,\,x^{14}\,+\,5\,\,x^{16}\right)\,+\,\\ & G^{2}\,\left(\,-\,3\,\,x^{3}\,+\,5\,\,x^{5}\,-\,6\,\,x^{7}\,+\,16\,\,x^{9}\,-\,15\,\,x^{11}\,+\,12\,\,x^{13}\,-\,20\,\,x^{15}\,+\,10\,\,x^{17}\right)\,+\,\\ & G^{3}\,\left(\,-\,x^{4}\,+\,2\,\,x^{6}\,-\,9\,\,x^{8}\,+\,18\,\,x^{10}\,-\,17\,\,x^{12}\,+\,28\,\,x^{14}\,-\,30\,\,x^{16}\,+\,10\,\,x^{18}\right)\,+\,\\ & G^{4}\,\left(\,x^{7}\,-\,5\,\,x^{9}\,+\,8\,\,x^{11}\,-\,16\,\,x^{13}\,+\,27\,\,x^{15}\,-\,20\,\,x^{17}\,+\,5\,\,x^{19}\right)\,+\,G^{5}\,\left(\,2\,\,x^{12}\,-\,7\,\,x^{14}\,+\,9\,\,x^{16}\,-\,5\,\,x^{18}\,+\,x^{20}\right)\,\right\} \end{array}$$



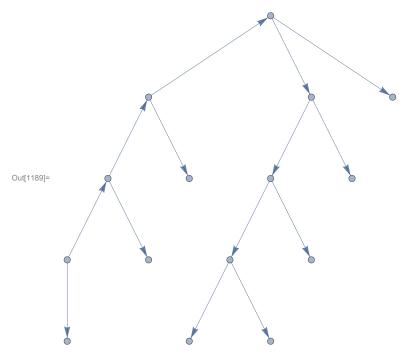
$$\begin{array}{l} \text{Out} \text{[1179]=} & \left\{ x - x^3 + x^5 - x^7 + x^9 - x^{11} + x^{13} - x^{15} + x^{17} + G^5 \, \left(- x^8 - x^{10} - 2 \, x^{12} \right) \right. \\ & \left. - G^3 \, \left(x^4 - 2 \, x^6 + 2 \, x^8 - 10 \, x^{10} + x^{12} - 16 \, x^{14} \right) \right. \\ & \left. - G^2 \, \left(2 \, x^3 - 3 \, x^5 + 3 \, x^7 - 5 \, x^9 + 10 \, x^{11} - 5 \, x^{13} + 14 \, x^{15} \right) \right. \\ & \left. - G \, \left(- 1 + 2 \, x^2 - 3 \, x^4 + 3 \, x^6 - 3 \, x^8 + 4 \, x^{10} - 5 \, x^{12} + 4 \, x^{14} - 6 \, x^{16} \right) \right. \\ \end{array}$$



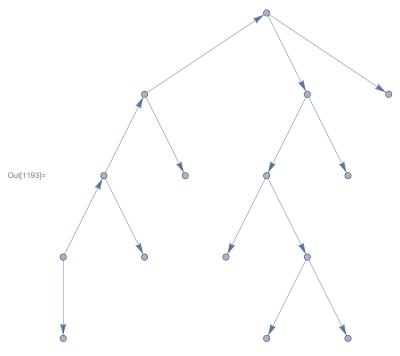
$$\begin{array}{l} \text{Out} \text{[1183]=} & \left\{ x - x^3 + x^5 + x^{17} + x^{21} - G^8 \ x^{21} + x^{23} + x^{27} + \\ & G^7 \ \left(- x^{14} - x^{16} - 2 \ x^{20} + 7 \ x^{22} \right) + G^6 \ \left(x^{11} + 6 \ x^{15} + 7 \ x^{17} + 13 \ x^{21} - 21 \ x^{23} \right) + \\ & G^5 \ \left(- x^8 - x^{10} - 6 \ x^{12} - 2 \ x^{14} - 17 \ x^{16} - 21 \ x^{18} - 36 \ x^{22} + 35 \ x^{24} \right) + \\ & G^4 \ \left(x^5 + 5 \ x^9 + 4 \ x^{11} + 15 \ x^{13} + 7 \ x^{15} + 29 \ x^{17} + 35 \ x^{19} + 55 \ x^{23} - 35 \ x^{25} \right) + \\ & G^3 \ \left(x^4 - 3 \ x^6 + 2 \ x^8 - 8 \ x^{10} - 6 \ x^{12} - 20 \ x^{14} - 9 \ x^{16} - 31 \ x^{18} - 35 \ x^{20} - 50 \ x^{24} + 21 \ x^{26} \right) + \\ & G^2 \ \left(2 \ x^3 - 2 \ x^5 + 3 \ x^7 - 3 \ x^9 + 5 \ x^{11} + 4 \ x^{13} + 15 \ x^{15} + 5 \ x^{17} + 20 \ x^{19} + 21 \ x^{21} + 27 \ x^{25} - 7 \ x^{27} \right) + \\ & G \ \left(-1 + 2 \ x^2 - 3 \ x^4 + x^6 - x^8 + x^{10} - x^{12} - x^{14} - 6 \ x^{16} - x^{18} - 7 \ x^{20} - 7 \ x^{22} - 8 \ x^{26} + x^{28} \right) \right\} \\ \end{array}$$



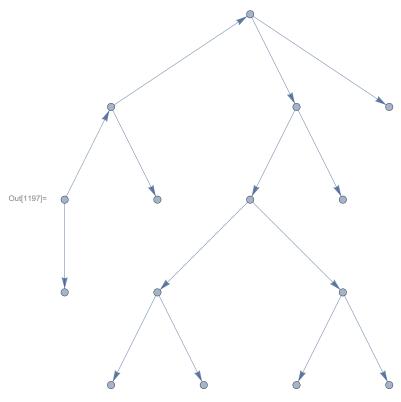
$$\text{Out[1187]=} \quad \left\{ -\,x\,+\,x^{3}\,-\,G^{5}\,\,x^{6}\,+\,G\,\,\left(\,1\,-\,2\,\,x^{2}\,+\,x^{4}\,\right)\,\,+\,G^{2}\,\,\left(\,-\,x^{3}\,+\,x^{5}\,\right)\,\,+\,G^{3}\,\,\left(\,-\,x^{4}\,+\,x^{6}\,\right)\,\,+\,G^{4}\,\,\left(\,-\,x^{5}\,+\,x^{7}\,\right)\,\,\right\}$$



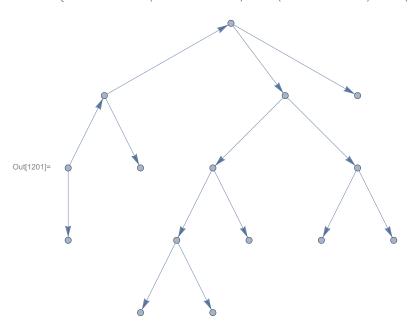
$$\text{Out[1191]= } \left. \left\{ -20 \; \text{G}^3 \; x^4 \, + \, 15 \; \text{G}^2 \; x^5 \, - \, 6 \; \text{G} \; x^6 \, + \, x^7 \, + \, \text{G}^5 \; \left(1 \, - \, 6 \; x^2 \right) \, + \, \text{G}^4 \; \left(- \, x \, + \, 15 \; x^3 \right) \, \right\} \right.$$



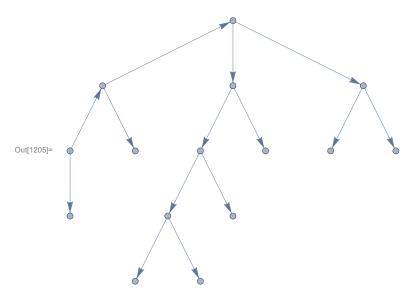
$$\text{Out[1195]=} \quad \left\{ G^5 \ x^3 + x^6 + G^4 \ \left(-1 + 5 \ x^2 - 4 \ x^4 \right) \right. \\ \left. + G^3 \ \left(x - 10 \ x^3 + 6 \ x^5 \right) \right. \\ \left. + G^2 \ \left(10 \ x^4 - 4 \ x^6 \right) \right. \\ \left. + G \ \left(-5 \ x^5 + x^7 \right) \right. \\ \left. + G \left(-5 \ x^5 + x^7 \right) \right] \\ \left. + G \left(-5 \ x^5 + x^7 \right) \right] \\ \left. + G \left(-5 \ x^5 + x^7 \right) \right] \\ \left. + G \left(-5 \ x^5 + x^7 \right) \right] \\ \left. + G \left(-5 \ x^5 + x^7 \right) \right] \\ \left. + G \left(-5 \ x^5 + x^7 \right) \right] \\ \left. + G \left(-5 \ x^5 + x^7 \right) \right] \\ \left. + G \left(-5 \ x^5 + x^7 \right) \right] \\ \left. + G \left(-5 \ x^5 + x^7 \right) \right] \\ \left. + G \left(-5 \ x^5 + x^7 \right) \right] \\ \left. + G \left(-5 \ x^5 + x^7 \right) \right] \\ \left. + G \left(-5 \ x^5 + x^7 \right) \right] \\ \left. + G \left(-5 \ x^5 + x^7 \right) \right] \\ \left. + G \left(-5 \ x^5 + x^7 \right) \right] \\ \left. + G \left(-5 \ x^5 + x^7 \right) \right] \\ \left. + G \left(-5 \ x^5 + x^7 \right) \right] \\ \left. + G \left(-5 \ x^5 + x^7 \right) \right] \\ \left. + G \left(-5 \ x^7 + x^7 \right) \right] \\ \left. + G \left(-5 \ x^7 + x^7 \right) \right] \\ \left. + G \left(-5 \ x^7 + x^7 \right) \right] \\ \left. + G \left(-5 \ x^7 + x^7 \right) \right] \\ \left. + G \left(-5 \ x^7 + x^7 \right) \right] \\ \left. + G \left(-5 \ x^7 + x^7 \right) \right]$$



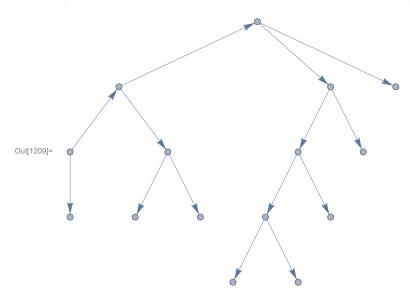
$$\text{Out[1199]= } \left\{ G^5 \ x^3 + x^6 + G^4 \ \left(-1 + 5 \ x^2 - 4 \ x^4 \right) \right. \\ \left. + G^3 \ \left(x - 10 \ x^3 + 6 \ x^5 \right) \right. \\ \left. + G^2 \ \left(10 \ x^4 - 4 \ x^6 \right) \right. \\ \left. + G \ \left(-5 \ x^5 + x^7 \right) \right. \\ \left. \right\} \left. \left(-5 \ x^5 + x^7 \right) \right. \\ \left. \left(-5 \ x^5 + x^7 \right) \right] \\ \left. \left(-5 \ x^5 + x^7 \right) \right. \\ \left. \left(-5 \ x^5 + x^7 \right) \right] \\ \left. \left(-5 \ x^5 + x^7 \right) \right. \\ \left. \left(-5 \ x^5 + x^7 \right) \right] \\ \left. \left(-5 \ x^5 + x^7 \right) \right] \\ \left. \left(-5 \ x^5 + x^7 \right) \right] \\ \left. \left(-5 \ x^5 + x^7 \right) \right] \\ \left. \left(-5 \ x^7 \right) \right] \\ \left. \left(-5 \ x^7 \right) \right] \\ \left. \left(-5 \ x^7 \right) \right] \\ \left.$$



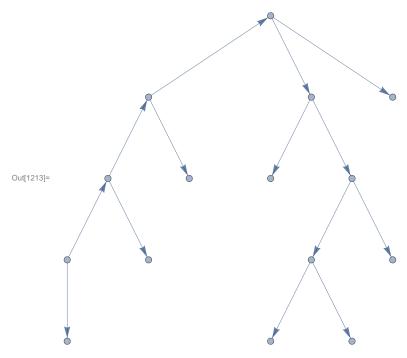
$$\text{Out} [\text{1203}] = \left. \left\{ G^5 \ x^3 + x^6 + G^4 \ \left(-1 + 5 \ x^2 - 4 \ x^4 \right) \right. \\ \left. + G^3 \ \left(x - 10 \ x^3 + 6 \ x^5 \right) \right. \\ \left. + G^2 \ \left(10 \ x^4 - 4 \ x^6 \right) \right. \\ \left. + G \left(-5 \ x^5 + x^7 \right) \right. \\ \left. \right\} \left. \left(x - 10 \ x^4 + 6 \ x^5 \right) \right. \\ \left. \left(x - 10 \ x^5 + 6 \ x^5 \right) \right. \\ \left. \left(x - 10 \ x^5 + 6 \ x^5 \right) \right. \\ \left. \left(x - 10 \ x^5 + 6 \ x^5 \right) \right. \\ \left. \left(x - 10 \ x^5 + 6 \ x^5 \right) \right. \\ \left. \left(x - 10 \ x^5 + 6 \ x^5 \right) \right. \\ \left. \left(x - 10 \ x^5 + 6 \ x^5 \right) \right. \\ \left. \left(x - 10 \ x^5 + 6 \ x^5 \right) \right. \\ \left. \left(x - 10 \ x^5 + 6 \ x^5 \right) \right. \\ \left. \left(x - 10 \ x^5 + 6 \ x^5 \right) \right. \\ \left. \left(x - 10 \ x^5 + 6 \ x^5 \right) \right. \\ \left. \left(x - 10 \ x^5 + 6 \ x^5 \right) \right. \\ \left. \left(x - 10 \ x^5 + 6 \ x^5 \right) \right. \\ \left. \left(x - 10 \ x^5 + 6 \ x^5 \right) \right. \\ \left. \left(x - 10 \ x^5 + 6 \ x^5 \right) \right. \\ \left. \left(x - 10 \ x^5 + 6 \ x^5 \right) \right. \\ \left. \left(x - 10 \ x^5 + 6 \ x^5 \right) \right. \\ \left. \left(x - 10 \ x^5 + 6 \ x^5 \right) \right. \\ \left. \left(x - 10 \ x^5 + 6 \ x^5 \right) \right] \\ \left. \left(x - 10 \ x^5 + 6$$



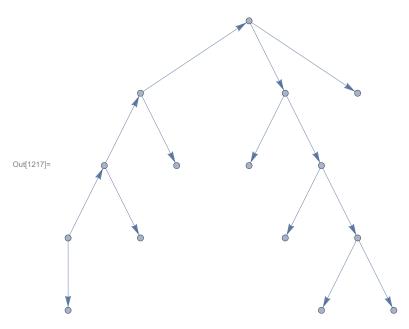
$$\text{Out} [1207] = \left. \left. \left\{ G^5 \ x^3 + x^6 + G^4 \ \left(-1 + 5 \ x^2 - 4 \ x^4 \right) \right. \right. \\ \left. + G^3 \ \left(x - 10 \ x^3 + 6 \ x^5 \right) \right. \\ \left. + G^2 \ \left(10 \ x^4 - 4 \ x^6 \right) \right. \\ \left. + G \ \left(-5 \ x^5 + x^7 \right) \right. \right\} \\ \left. \left. + \left(-5 \ x^5 + x^7 \right) \right. \\ \left. \left(-5 \ x^5 + x^7 \right) \right] \\ \left. \left(-5 \ x^7 + x^7 \right) \right] \\ \left. \left(-5 \ x^7 + x^7 \right) \right] \\ \left. \left(-5 \ x^7 + x^7 \right) \right] \\ \left. \left(-5 \ x^7 + x^7 \right) \right] \\ \left. \left(-5 \ x^7 + x^7 \right) \right] \\ \left. \left(-5 \ x^7 + x^7 \right) \right] \\ \left.$$



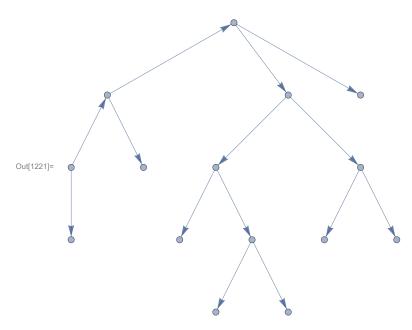
$$\text{Out} [1211] = \left. \left. \left\{ G^5 \ x^3 + x^6 + G^4 \ \left(-1 + 5 \ x^2 - 4 \ x^4 \right) \right. \right. \\ \left. + G^3 \ \left(x - 10 \ x^3 + 6 \ x^5 \right) \right. \\ \left. + G^2 \ \left(10 \ x^4 - 4 \ x^6 \right) \right. \\ \left. + G \ \left(-5 \ x^5 + x^7 \right) \right. \right\} \\ \left. \left. \left(-5 \ x^5 + x^7 \right) \right. \\ \left. \left(-5 \ x^5 + x^7 \right) \right] \\ \left. \left(-5 \ x^5 + x^7 \right) \\ \left. \left(-5 \ x^5 + x^7 \right) \right] \\ \left. \left(-5 \ x^5 + x^7 \right) \right] \\ \left. \left(-5 \ x^5 + x^7 \right) \right] \\ \left. \left(-5 \ x^5 + x^7 \right) \right] \\ \left. \left(-5 \ x^7 + x^7 \right) \right] \\ \left. \left(-5 \ x^7 + x^7 \right) \right] \\ \left. \left(-5 \ x^7 + x^7 \right) \right] \\ \left. \left(-5 \ x^7 + x^7 \right) \right] \\ \left. \left(-5 \ x^7 + x^7 \right) \right] \\ \left. \left(-5 \ x^7 + x^7 \right) \right] \\ \left. \left(-$$



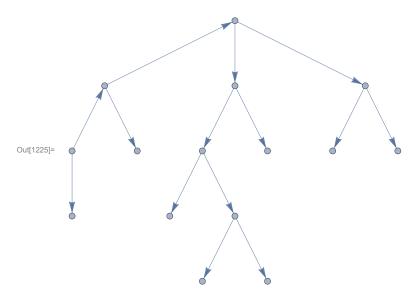
$$\text{Out} \text{[1215]=} \quad \left\{ \text{2 G}^4 \ x^3 - x^5 + x^7 + G^3 \ \left(-1 + 4 \ x^2 - 7 \ x^4 \right) \right. \\ \left. + G^2 \ \left(x - 6 \ x^3 + 9 \ x^5 \right) \right. \\ \left. + G \ \left(4 \ x^4 - 5 \ x^6 \right) \right. \right\}$$



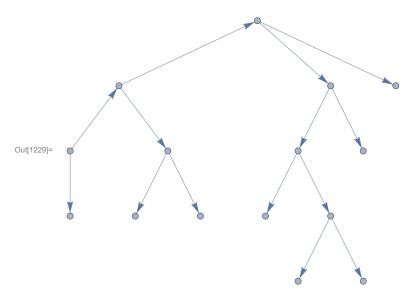
$$\text{Out} \text{[1219]=} \quad \left\{ \, x^5 \, + \, G^4 \, \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \, + \, G^3 \, \, \left(\, 1 \, - \, 4 \, \, x^2 \, + \, 6 \, \, x^4 \, - \, 2 \, \, x^6 \, \right) \, + \, G \, \, \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^2 \, \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



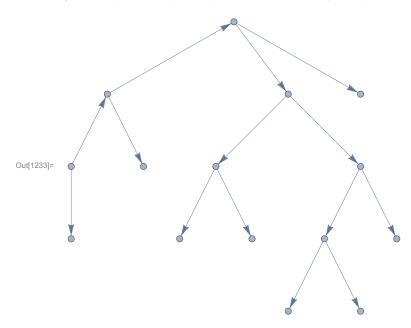
$$\text{Out} \text{[1223]=} \quad \left\{ \, x^5 \, + \, G^4 \, \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \, + \, G^3 \, \, \left(\, 1 \, - \, 4 \, \, x^2 \, + \, 6 \, \, x^4 \, - \, 2 \, \, x^6 \, \right) \, + \, G \, \, \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^2 \, \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



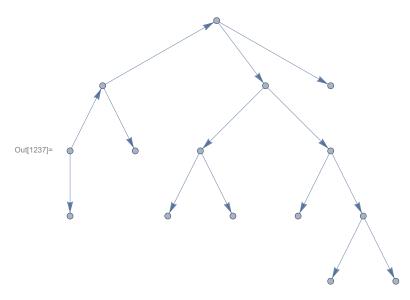
$$\text{Out[1227]=} \quad \left\{ \, x^5 \, + \, G^4 \, \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \, + \, G^3 \, \, \left(\, 1 \, - \, 4 \, \, x^2 \, + \, 6 \, \, x^4 \, - \, 2 \, \, x^6 \, \right) \, + \, G \, \, \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^2 \, \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



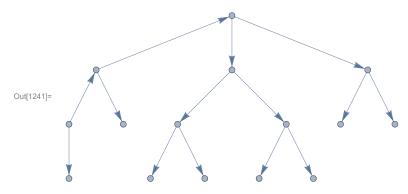
$$\text{Out} [1231] = \left. \left\{ \, x^5 \, + \, G^4 \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. + \, G^3 \, \left(\, 1 \, - \, 4 \, \, x^2 \, + \, 6 \, \, x^4 \, - \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^5 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^5 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^5 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^5 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^5 \, - \, 6 \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^7 \, + \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^7 \, + \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^7 \, + \, x^7 \, + \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, x^7 \, + \,$$



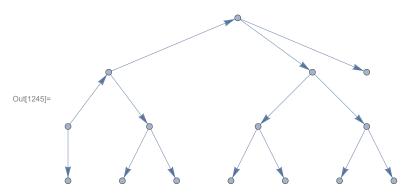
$$\text{Out[1235]=} \quad \left\{ 2 \; G^4 \; x^3 \, - \, x^5 \, + \, x^7 \, + \, G^3 \; \left(- \, 1 \, + \, 4 \; x^2 \, - \, 7 \; x^4 \right) \, + \, G^2 \; \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \, + \, G \; \left(4 \; x^4 \, - \, 5 \; x^6 \right) \, \right\}$$



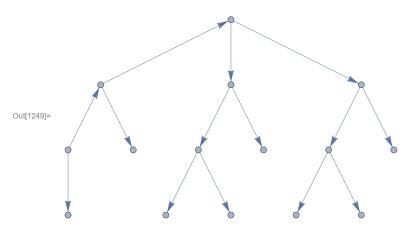
$$\text{Out} \text{[1239]= } \left\{ x^5 + G^4 \ \left(-2 \ x^3 + x^5 \right) \ + \ G^3 \ \left(1 - 4 \ x^2 + 6 \ x^4 - 2 \ x^6 \right) \ + \ G \ \left(-4 \ x^4 + 2 \ x^6 \right) \ + \ G^2 \ \left(-x + 6 \ x^3 - 6 \ x^5 + x^7 \right) \right\} \right\}$$



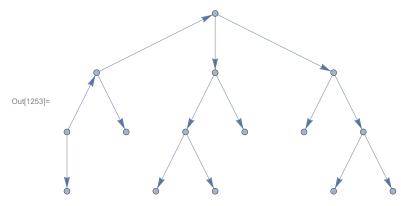
$$\text{Out} [\text{1243}] = \left. \left\{ \, x^5 \, + \, G^4 \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. + \, G^3 \, \left(\, 1 \, - \, 4 \, \, x^2 \, + \, 6 \, \, x^4 \, - \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^4 \, - \, 2 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^5 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^5 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^5 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^5 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^5 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^5 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^5 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^5 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^5 \, + \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, x^7 \, + \, x^7$$



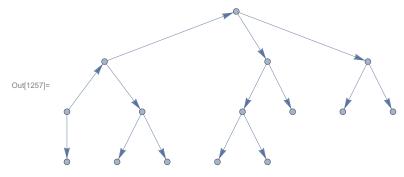
$$\text{Out} \text{[1247]= } \left\{ \, x^5 \, + \, G^4 \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \, + \, G^3 \, \left(\, 1 \, - \, 4 \, \, x^2 \, + \, 6 \, \, x^4 \, - \, 2 \, \, x^6 \, \right) \, + \, G \, \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



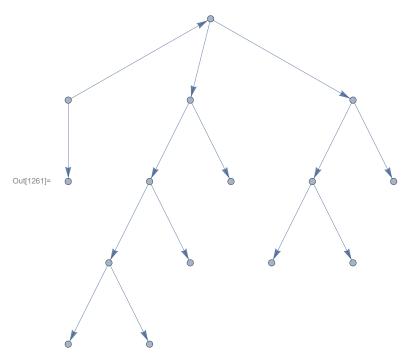
$$\text{Out} \text{[1251]= } \left. \left\{ 2 \text{ G}^4 \text{ } x^3 - x^5 + x^7 + \text{G}^3 \text{ } \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. + \text{G}^2 \text{ } \left(x - 6 \text{ } x^3 + 9 \text{ } x^5 \right) \right. \\ \left. + \text{G} \left. \left(4 \text{ } x^4 - 5 \text{ } x^6 \right) \right. \right\} \right\} \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 - 7 \text{ } x^4 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 \right) \right. \\ \left. \left(-1 + 4 \text{ } x^2 \right) \right. \\ \left.$$



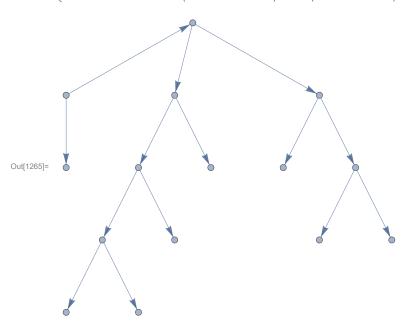
$$\text{Out} [\text{1255}] = \left. \left\{ \, x^5 \, + \, G^4 \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. + \, G^3 \, \left(\, 1 \, - \, 4 \, \, x^2 \, + \, 6 \, \, x^4 \, - \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^4 \, - \, 2 \, \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^7 \, - \, 6 \, \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^7 \, - \, 6 \, \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^7 \, - \, 6 \, \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^7 \, - \, 6 \, \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^7 \, - \, 6 \, \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^7 \, - \, 6 \, \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^7 \, - \, 6 \, \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^7 \, - \, 6 \, \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^7 \, + \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2$$



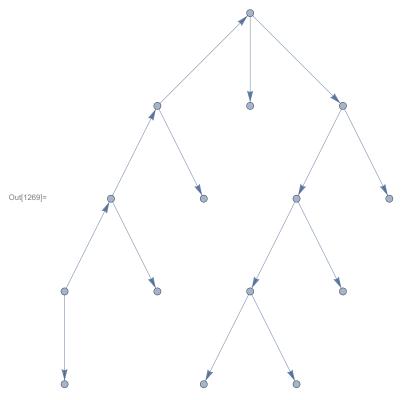
$$\text{Out} [\text{1259}] = \left. \left\{ \, x^5 \, + \, G^4 \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. + \, G^3 \, \left(\, 1 \, - \, 4 \, \, x^2 \, + \, 6 \, \, x^4 \, - \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^5 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^5 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^5 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^5 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^5 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^5 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^5 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^5 \, - \, 6 \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \,$$



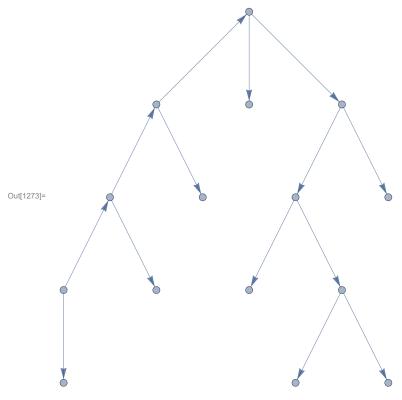
$$\text{Out} \text{[1263]=} \quad \left\{ \text{2 G}^4 \ x^3 - x^5 + x^7 + G^3 \ \left(-1 + 4 \ x^2 - 7 \ x^4 \right) \right. \\ \left. + G^2 \ \left(x - 6 \ x^3 + 9 \ x^5 \right) \right. \\ \left. + G \ \left(4 \ x^4 - 5 \ x^6 \right) \right. \right\}$$



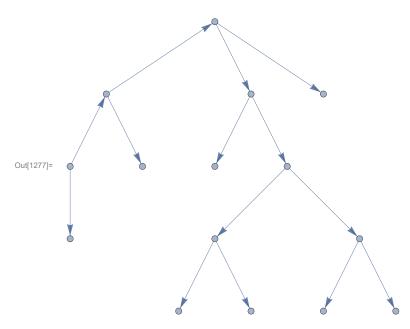
$$\text{Out} \text{[1267]=} \quad \left\{ -\,G^5\,\,x^4 \,+\, x^5 \,+\, G^4\,\, \left(-\,x^3 \,+\, 3\,\,x^5 \right) \,+\, G^3\,\, \left(1\,-\,4\,\,x^2 \,+\, 3\,\,x^4 \,-\, 3\,\,x^6 \right) \,+\, G\,\, \left(-\,4\,\,x^4 \,+\, x^6 \right) \,+\, G^2\,\, \left(-\,x \,+\, 6\,\,x^3 \,-\, 3\,\,x^5 \,+\, x^7 \right) \,\right\}$$



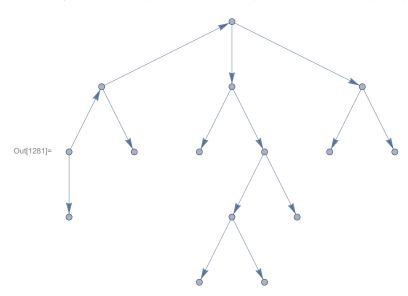
$$\text{Out} [1271] = \left. \left. \left\{ 3 \; G^4 \; x^3 \, + \, x^7 \, + \, G^3 \; \left(- \, 1 \, + \, 3 \; x^2 \, - \, 9 \; x^4 \right) \right. \right. \\ \left. \left. + \; G^2 \; \left(x \, - \, 3 \; x^3 \, + \, 10 \; x^5 \right) \right. \right. \\ \left. \left. + \; G \; \left(x^4 \, - \, 5 \; x^6 \right) \right. \right] \left. \left(x^4 \, - \, 5 \; x^6 \right) \right. \\ \left. \left($$



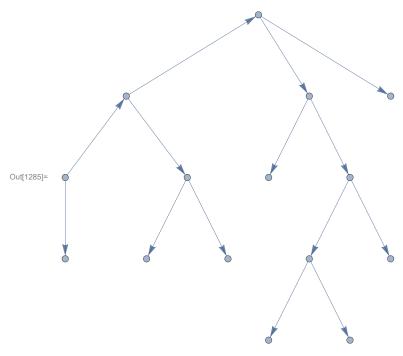
$$\text{Out} \text{[1275]=} \quad \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,3\,\,x^3\,+\,2\,\,x^5\right) \,+\,G^2\,\,\left(1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6\right) \,+\,G\,\,\left(-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7\right) \,\right\}$$



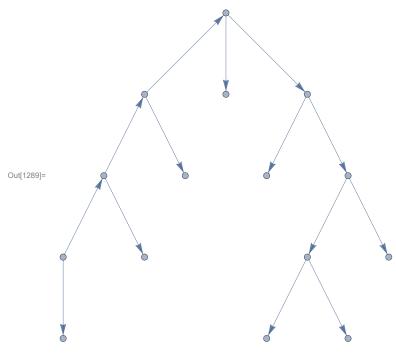
$$\text{Out} [\text{1279}] = \left. \left\{ -\,x^4 \,+\, x^6 \,+\, G^3 \,\, \left(\,-\,3\,\,x^3 \,+\, 2\,\,x^5 \,\right) \right. \\ \left. +\, G^2 \,\, \left(\,1 \,-\, 3\,\,x^2 \,+\, 7\,\,x^4 \,-\, 3\,\,x^6 \,\right) \right. \\ \left. +\, G \,\, \left(\,-\,x \,+\, 3\,\,x^3 \,-\, 5\,\,x^5 \,+\, x^7 \,\right) \right. \\ \left. \left. \right\} \left. \left(\,-\,x^4 \,+\, x^6 \,+\, G^3 \,\, \left(\,-\,3\,\,x^3 \,+\, 2\,\,x^5 \,\right) \right. \\ \left. \left(\,-\,x^4 \,+\, x^6 \,+\, G^3 \,\, \left(\,-\,x^4 \,+\, x^6 \,+\, G^3 \,+\, G^4 \,+\, G^$$



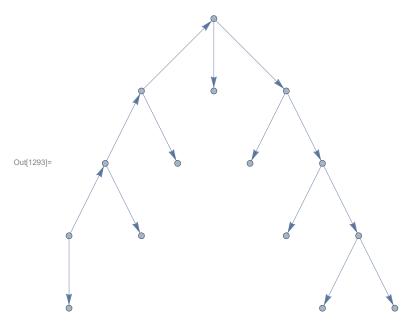
$$\text{Out} \text{[1283]=} \quad \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,3\,\,x^3\,+\,2\,\,x^5\right) \,+\,G^2\,\,\left(1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6\right) \,+\,G\,\,\left(-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7\right) \,\right\}$$



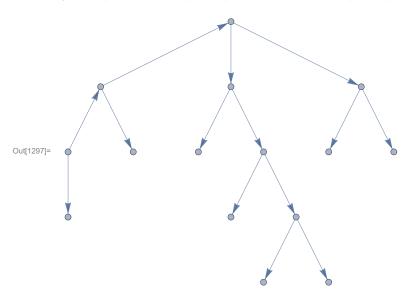
$$\text{Out} [1287] = \left. \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\left(-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. +\,G^2\,\left(1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. +\,G\,\left(-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(-\,x^4\,+\,x^6\,+\,G^3\,\left(-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. \left(-\,x^4\,+\,x^6\,+\,G^3\,\left(-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. \left(-\,x^4\,+\,x^6\,+\,G^3\,\left(-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. \left(-\,x^4\,+\,x^6\,+\,G^3\,\left(-\,x^4\,+\,x^6\,+\,x^6\,+\,G^3\,\left(-\,x^4\,+\,x^6\,+\,x$$



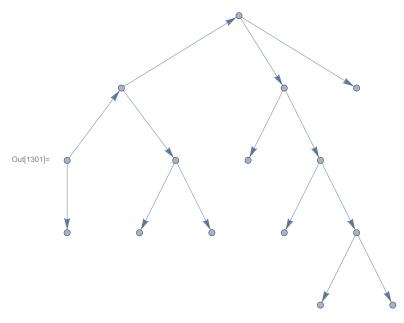
$$\text{Out} \text{[1291]= } \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\left(-\,3\,\,x^3\,+\,2\,\,x^5\right)\,+\,G^2\,\left(1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6\right)\,+\,G\,\left(-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7\right) \right\}$$



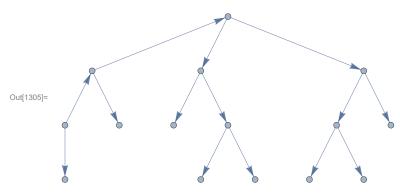
$$\text{Out} \text{[1295]=} \quad \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 3 \, \, x^5 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 6 \, \, x^4 \, + \, 3 \, \, x^6 \, \right) \, + \, G^3 \, \left(\, 3 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



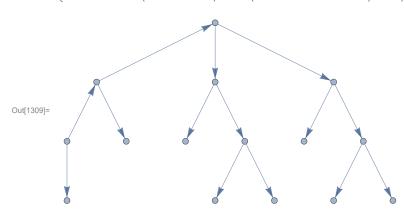
$$\text{Out} \text{[1299]=} \quad \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 3 \, \, x^5 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 6 \, \, x^4 \, + \, 3 \, \, x^6 \, \right) \, + \, G^3 \, \left(\, 3 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



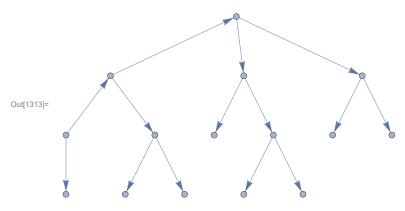
$$\text{Out} \text{ [1303]= } \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 2 \, \, x^5 \, \right) \, + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^3 \, \left(\, 2 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



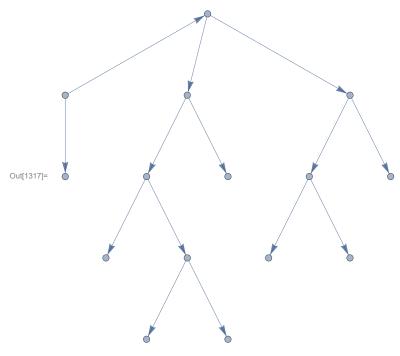
$$\text{Out} [\text{1307}] = \left. \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\, \left(-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. +\,G^2\,\, \left(1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. +\,G\,\, \left(-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(-\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. \left(-\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. \left(-\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. \left(-\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,x^4\,+\,x^6\,+\,G^3\,+\,G^4\,+\,G$$



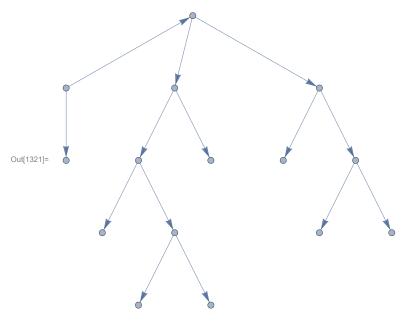
$$\text{Out[1311]= } \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 3 \, \, x^5 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 6 \, \, x^4 \, + \, 3 \, \, x^6 \, \right) \, + \, G^3 \, \left(\, 3 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



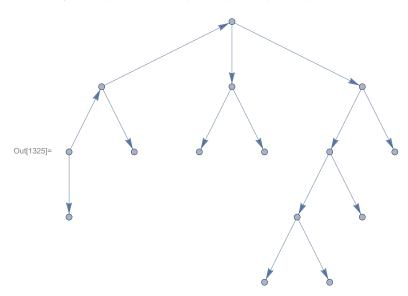
$$\text{Out[1315]=} \quad \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 3 \, \, x^5 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 6 \, \, x^4 \, + \, 3 \, \, x^6 \, \right) \, + \, G^3 \, \left(\, 3 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



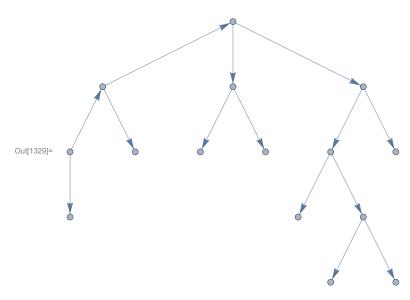
 $\text{Out[1319]=} \quad \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,-\,3\,\,x^3\,+\,2\,\,x^5\,\right) \,+\,G^2\,\,\left(\,1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6\,\right) \,+\,G\,\,\left(\,-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7\,\right) \,\right\}$



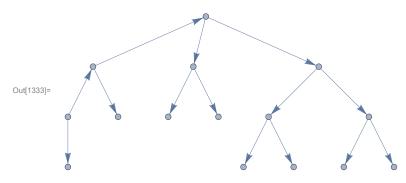
$$\text{Out} \text{[1323]= } \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 2 \, \, x^5 \, \right) \, + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^3 \, \left(\, 2 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



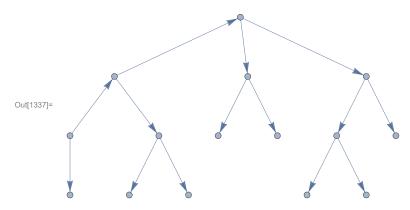
$$\text{Out} \text{[1327]= } \left. \left\{ 3 \text{ } G^4 \text{ } x^3 + x^7 + G^3 \text{ } \left(-1 + 3 \text{ } x^2 - 9 \text{ } x^4 \right) \right. \\ \left. + G^2 \text{ } \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right. \\ \left. + G \text{ } \left(x^4 - 5 \text{ } x^6 \right) \right. \right\} \right. \\ \left. \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right. \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right. \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right. \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right. \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right. \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right. \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right. \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right. \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right. \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right. \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right. \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right. \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right. \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right. \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right. \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right. \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right] \right. \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right] \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right] \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right] \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right] \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right] \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right] \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right] \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right] \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right] \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right] \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right] \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right] \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right] \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right] \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right] \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right] \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right] \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right] \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right] \\ \left. \left(x - 3 \text{ } x^3 + 10 \text{ } x^5 \right) \right] \\ \left. \left(x - 3 \text{ } x^5 \right) \right] \\ \left. \left(x - 3 \text{ } x^5 \right) \right] \\ \left. \left(x - 3 \text{ } x^5 \right) \right] \\ \left. \left(x - 3 \text{ } x^5 \right) \right] \\ \left. \left(x - 3 \text{ } x^5 \right) \right] \\ \left. \left(x - 3 \text{ } x^5 \right) \right] \\ \left. \left(x - 3 \text{ } x^5 \right) \right] \\ \left. \left(x - 3 \text{ } x^5 \right) \right] \\ \left. \left(x - 3 \text$$



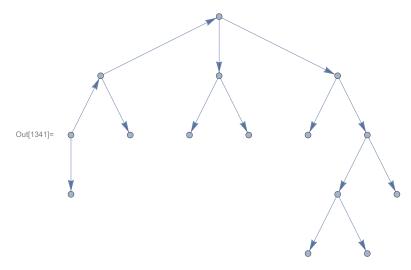
$$\text{Out[1331]=} \quad \left\{ -\, x^4 \, -\, G^4 \,\, x^4 \, +\, x^6 \, +\, G^3 \,\, \left(\, -\, 2\,\, x^3 \, +\, 3\,\, x^5 \, \right) \, +\, G^2 \,\, \left(\, 1 \, -\, 3\,\, x^2 \, +\, 5\,\, x^4 \, -\, 3\,\, x^6 \, \right) \, +\, G \,\, \left(\, -\, x \, +\, 3\,\, x^3 \, -\, 4\,\, x^5 \, +\, x^7 \, \right) \, \right\}$$



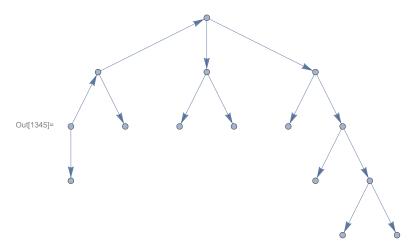
$$\text{Out} [\text{1335}] = \left. \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. +\,G^2\,\,\left(1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. +\,G\,\,\left(-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left. \left(-\,x\,+\,3\,\,x^4\,-\,3\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left(-\,x\,+\,3\,\,x^4\,-\,3\,\,x^5 \right) \right. \\ \left. \left(-\,x\,+\,3\,\,x^5\,-\,5\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left(-\,x\,+\,3\,\,x^5\,-\,5\,x^5\,+\,x^7 \right) \right. \\ \left. \left(-\,x\,+\,3\,\,x^5\,-\,5\,x^5\,+\,x^7 \right) \right. \\ \left. \left(-\,x\,+\,3\,\,x^5\,-\,5\,x^5\,+\,x^7 \right) \right. \\ \left. \left(-\,x\,+\,3\,x^5\,-\,5\,x^5\,+\,x^7 \right) \right. \\ \left. \left(-\,x\,+\,3\,x^5\,-\,x^5\,+\,x^7 \right) \right. \\ \left. \left(-\,x\,+\,x^5\,+\,x^7 \right) \right. \\ \left. \left(-\,x\,+\,x^7 \right) \right. \\$$



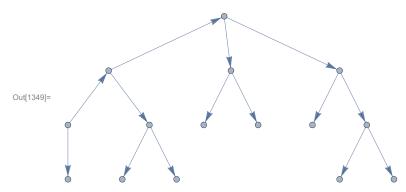
$$\text{Out[1339]= } \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\left(-\,3\,\,x^3\,+\,2\,\,x^5\right)\,+\,G^2\,\left(1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6\right)\,+\,G\,\left(-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7\right) \right\}$$



$$\text{Out} \text{[1343]=} \quad \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,3\,\,x^3\,+\,2\,\,x^5\right) \,+\,G^2\,\,\left(1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6\right) \,+\,G\,\,\left(-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7\right) \,\right\}$$

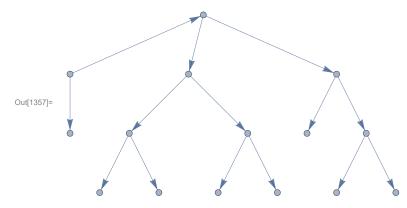


$$\text{Out} [\text{1347}] = \left. \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 3 \, \, x^5 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 6 \, \, x^4 \, + \, 3 \, \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, 3 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. \left. \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 6 \, \, x^4 \, + \, 3 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 6 \, x^4 \, + \, 3 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, x^2 \, - \, 6 \, x^4 \, + \, 3 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, x^2 \, - \, 6 \, x^4 \, + \, 3 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, x^2 \, - \, 6 \, x^4 \, + \, 3 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, x^2 \, - \, 6 \, x^4 \, + \, 3 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, x^2 \, - \, 6 \, x^4 \, + \, 3 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, x^2 \, - \, 6 \, x^4 \, + \, 3 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, x^2 \, - \, 6 \, x^4 \, + \, 3 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, x^2 \, - \, 6 \, x^4 \, + \, 3 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, x^2 \, - \, 6 \, x^4 \, + \, 3 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, x^2 \, - \, 6 \, x^4 \, + \, 3 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, x^4 \, - \, 6 \, x^4 \, + \, 3 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, x^4 \, - \, 6 \, x^4 \, + \, 3 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, x^4 \, - \, 6 \, x^4 \, + \, 3 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, x^4 \, - \, 6 \, x^4 \, + \, 3 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, x^4 \, - \, 6 \, x^4 \, + \, 3 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, x^4 \, - \, 6 \, x^4 \, + \, 3 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, x^4 \, - \, 6 \, x^4 \, + \, 3 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, x^4 \, - \, 6 \, x^4 \, + \, 3 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, x^4 \, - \, 3 \, x^4 \, + \, 3 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, x^4 \, - \, 3 \, x^4 \, + \, 3 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, x^4 \, - \, 3 \, x^4 \, + \, 3 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, x^4 \, - \, 3 \, x^4 \, + \, 3 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, x^4 \, - \, 3 \, x^4 \, + \, 3 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, x^4 \, - \, 3 \, x^4 \, + \, 3 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, x^4 \, + \, 3 \, x^4 \, + \, 3 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \,$$

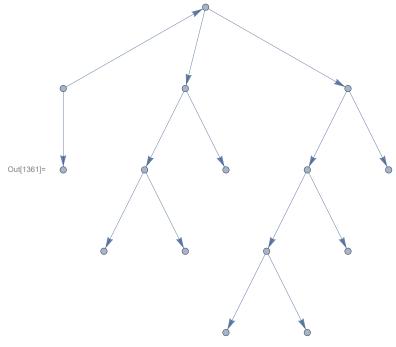


$$\text{Out} [1351] = \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 2 \, \, x^5 \, \right) \, + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^3 \, \left(\, 2 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$

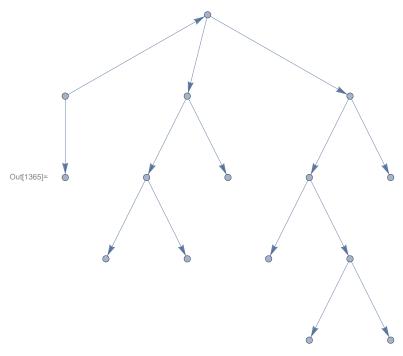
$$\text{Out[1355]=} \quad \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,3\,\,x^3\,+\,2\,\,x^5\right)\,\,+\,G^2\,\,\left(1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6\right)\,\,+\,G\,\,\left(-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7\right) \,\right\}$$



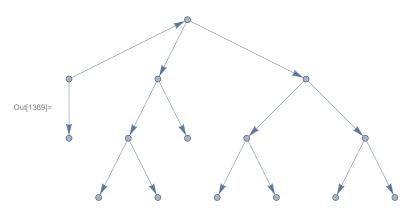
$$\text{Out[1359]=} \quad \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 2 \, \, x^5 \, \right) \, + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^3 \, \left(\, 2 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



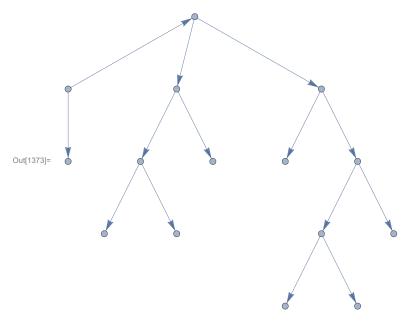
$$\text{Out} \text{[1363]= } \left. \left\{ \text{3 G}^4 \ x^3 + x^7 + \text{G}^3 \ \left(-1 + 3 \ x^2 - 9 \ x^4 \right) \right. \\ \left. + \text{G}^2 \ \left(x - 3 \ x^3 + 10 \ x^5 \right) \right. \\ \left. + \text{G} \ \left(x^4 - 5 \ x^6 \right) \right. \right\} \right. \\ \left. \left. \left(x - 3 \ x^3 + 10 \ x^5 \right) \right. \\ \left. \left(x - 3 \ x^4 + 10 \ x^5 \right) \right. \\ \left. \left(x - 3 \ x^4 + 10 \ x^5 \right) \right. \\ \left. \left(x - 3 \ x^4 + 10 \ x^5 \right) \right. \\ \left. \left(x - 3 \ x^4 + 10 \ x^5 \right) \right. \\ \left. \left(x - 3 \ x^4 + 10 \ x^5 \right) \right. \\ \left. \left(x - 3 \ x^4 + 10 \ x^5 \right) \right. \\ \left. \left(x - 3 \ x^4 + 10 \ x^5 \right) \right. \\ \left. \left(x - 3 \ x^4 + 10 \ x^5 \right) \right. \\ \left. \left(x - 3 \ x^4 + 10 \ x^5 \right) \right. \\ \left. \left(x - 3 \ x^4 + 10 \ x^5 \right) \right. \\ \left. \left(x - 3 \ x^4 + 10 \ x^5 \right) \right. \\ \left. \left(x - 3 \ x^4 + 10 \ x^5 \right) \right. \\ \left. \left(x - 3 \ x^5 + 10 \ x^5 \right) \right. \\ \left. \left(x - 3 \ x^5 + 10 \ x^5 \right) \right] \\ \left. \left(x -$$

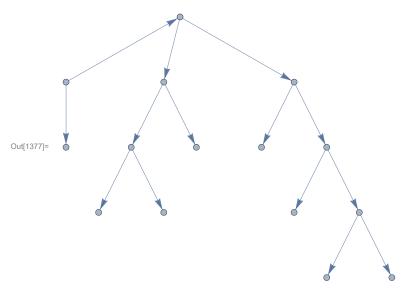


$$\text{Out} [\text{1367}] = \left. \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\left(-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. +\,G^2\,\left(1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. +\,G\,\left(-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left. \right\} \right. \\ \left. \left. \left(-\,x\,+\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. \left(-\,x\,+\,3\,\,x^5\,+\,x^5 \right) \right. \\ \left. \left(-\,x\,+\,x^5\,+\,x^5 \right) \right. \\ \left. \left(-\,x\,+\,x^5 \right) \right.$$

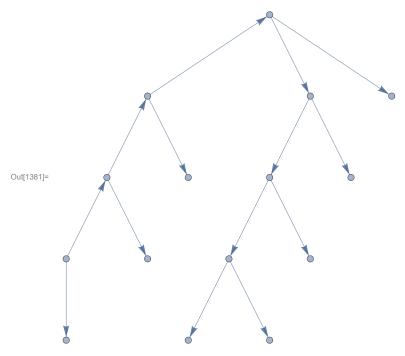


$$\text{Out[1371]=} \quad \left\{ -\,x^4\,-\,G^4\,\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,-\,2\,\,x^3\,+\,3\,\,x^5\,\right) \right. \\ \left. +\,G^2\,\,\left(\,1\,-\,3\,\,x^2\,+\,5\,\,x^4\,-\,3\,\,x^6\,\right) \right. \\ \left. +\,G\,\,\left(\,-\,x\,+\,3\,\,x^3\,-\,4\,\,x^5\,+\,x^7\,\right) \right. \\ \left. +\,G^2\,\,\left(\,1\,-\,3\,\,x^2\,+\,5\,\,x^4\,-\,3\,\,x^6\,\right) \right. \\ \left. +\,G^2\,\,\left(\,1\,-\,3\,\,x^2\,+\,5\,\,x^4\,-\,3\,\,x^6\,\right) \right. \\ \left. +\,G^2\,\,\left(\,1\,-\,3\,\,x^2\,+\,5\,\,x^4\,-\,3\,\,x^6\,\right) \right. \\ \left. +\,G^2\,\,\left(\,1\,-\,3\,\,x^4\,+\,x^6\,+\,3\,\,x^6\,+\,x^7\,+\,x^7\,\right) \right. \\ \left. +\,G^2\,\,\left(\,1\,-\,3\,\,x^4\,+\,x^6\,+\,x^6\,+\,x^7\,+\,$$

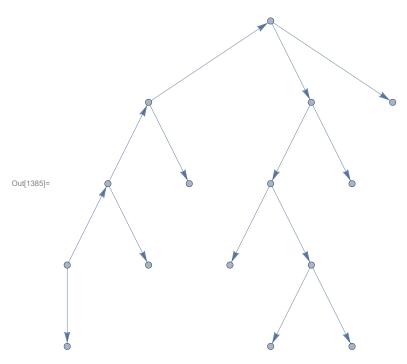




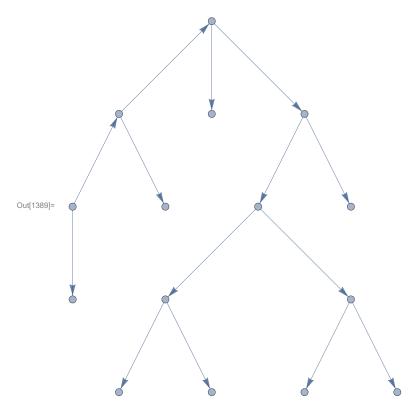
$$\text{Out} \text{[1379]= } \left\{ x^4 + G^5 \ x^5 + G \ \left(x - 3 \ x^3 + x^5 \right) \right. \\ \left. + G^4 \ \left(x^4 - 2 \ x^6 \right) \right. \\ \left. + G^2 \ \left(-1 + 3 \ x^2 - 2 \ x^4 + x^6 \right) \right. \\ \left. + G^3 \ \left(x^3 - 2 \ x^5 + x^7 \right) \right. \\ \left. \right\} \\ \left. \left(x^4 - 2 \ x^6 \right) \right. \\ \left. \left(x^4 - 2 \ x^6 \right) \right] \\ \left. \left(x^4 - 2 \ x^6 \right) \right. \\ \left. \left(x^4 - 2$$



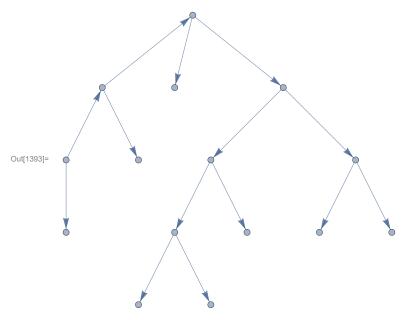
$$\text{Out[1383]=} \quad \left\{ 2 \; G^4 \; x^3 \, - \, x^5 \, + \, x^7 \, + \, G^3 \; \left(- \, 1 \, + \, 4 \; x^2 \, - \, 7 \; x^4 \right) \right. \\ \left. + \; G^2 \; \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. + \; G \; \left(4 \; x^4 \, - \, 5 \; x^6 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^3 \, + \, 9 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \, 6 \; x^5 \right) \right. \\ \left. \left(x \, - \,$$



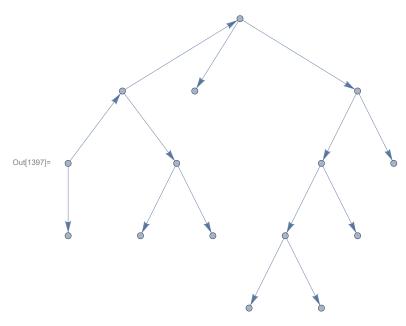
$$\text{Out[1387]=} \quad \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,-\,3\,\,x^3\,+\,2\,\,x^5\,\right) \,+\,G^2\,\,\left(\,1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6\,\right) \,+\,G\,\,\left(\,-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7\,\right) \,\right\}$$



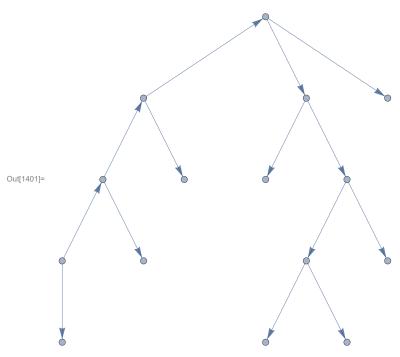
$$\text{Out} [1391] = \left. \left\{ -\, x^4 \, -\, G^4 \,\, x^4 \, +\, x^6 \, +\, G^3 \,\, \left(\, -\, 2\,\, x^3 \, +\, 3\,\, x^5 \right) \right. \\ \left. +\, G^2 \,\, \left(\, 1 \, -\, 3\,\, x^2 \, +\, 5\,\, x^4 \, -\, 3\,\, x^6 \right) \right. \\ \left. +\, G \,\, \left(\, -\, x \, +\, 3\,\, x^3 \, -\, 4\,\, x^5 \, +\, x^7 \right) \right. \\ \left. \left. \right\} \left. \left(\, -\, x^4 \, -\, G^4 \,\, x^4 \, +\, x^6 \, +\, G^3 \,\, \left(\, -\, 2\,\, x^3 \, +\, 3\,\, x^5 \right) \right. \\ \left. \left(\, -\, x^4 \, -\, G^4 \,\, x^4 \, +\, x^6 \, +\, G^3 \,\, \left(\, -\, 2\,\, x^3 \, +\, 3\,\, x^5 \right) \right. \\ \left. \left(\, -\, x^4 \, -\, G^4 \,\, x^4 \, +\, x^6 \, +\, G^3 \,\, \left(\, -\, 2\,\, x^3 \, +\, 3\,\, x^5 \right) \right. \\ \left. \left(\, -\, x^4 \, -\, G^4 \,\, x^4 \, +\, x^6 \, +\, G^3 \,\, \left(\, -\, 2\,\, x^3 \, +\, 3\,\, x^5 \right) \right. \\ \left. \left(\, -\, x^4 \, -\, G^4 \,\, x^4 \, +\, x^6 \, +\, G^3 \,\, \left(\, -\, 2\,\, x^3 \, +\, 3\,\, x^5 \right) \right. \\ \left. \left(\, -\, x^4 \, -\, G^4 \,\, x^4 \, +\, x^6 \, +\, G^3 \,\, \left(\, -\, 2\,\, x^3 \, +\, 3\,\, x^5 \right) \right. \\ \left. \left(\, -\, x^4 \, -\, G^4 \,\, x^4 \, +\, x^6 \, +\, G^3 \,\, \left(\, -\, 2\,\, x^3 \, +\, 3\,\, x^5 \right) \right. \\ \left. \left(\, -\, x^4 \, -\, G^4 \,\, x^4 \, +\, x^6 \, +\, G^3 \,\, \left(\, -\, 2\,\, x^3 \, +\, 3\,\, x^5 \right) \right. \\ \left. \left(\, -\, x^4 \, -\, G^4 \,\, x^4 \, +\, x^6 \, +\, G^3 \,\, \left(\, -\, 2\,\, x^3 \, +\, 3\,\, x^5 \right) \right. \\ \left. \left(\, -\, x^4 \, -\, G^4 \,\, x^4 \, +\, x^6 \, +\, G^3 \,\, \left(\, -\, 2\,\, x^3 \, +\, 3\,\, x^5 \right) \right. \\ \left. \left(\, -\, x^4 \, -\, G^4 \,\, x^4 \, +\, x^6 \, +\, G^3 \,\, \left(\, -\, 2\,\, x^3 \, +\, 3\,\, x^5 \right) \right. \\ \left. \left(\, -\, x^4 \, -\, G^4 \,\, x^4 \, +\, x^6 \, +\, G^3 \,\, \left(\, -\, 2\,\, x^3 \, +\, 3\,\, x^5 \right) \right. \\ \left. \left(\, -\, x^4 \, -\, G^4 \,\, x^4 \, +\, x^6 \, +\, G^3 \,\, \left(\, -\, 2\,\, x^3 \, +\, 3\,\, x^5 \right) \right. \\ \left. \left(\, -\, x^4 \, -\, G^4 \,\, x^4 \, +\, x^6 \, +\, G^3 \,\, \left(\, -\, 2\,\, x^3 \, +\, 3\,\, x^5 \right) \right. \\ \left. \left(\, -\, x^4 \, -\, 3\,\, x^4 \, +\, x^4 \, +\, x^6 \, +\, G^4 \,\, x^4 \, +\, x^6 \, +\, G^4 \,\, x^4 \, +\, x^6 \, +\, G^4 \,\, x^4 \, +\, x^6 \,\, +\, G^4 \,\, x^4 \,\, +\, x^6 \,\, +\, G^4 \,\, x^4 \,\, +\, x^6 \,\, +\, G^4 \,\, x^4 \,\, +\, x^6 \,\, +\, G^4 \,\, +\, G^4 \,\, x^6 \,\, +\, G^4 \,\, x^6 \,\, +\, G^4 \,\, x^6 \,\, +\, G^4 \,\, x^6$$



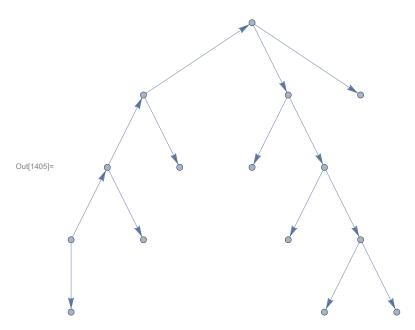
$$\text{Out[1395]=} \left. \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\, \left(-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. +\,G^2\,\, \left(1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. +\,G\,\, \left(-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left(-\,x\,+\,3\,\,x^4\,-\,3\,\,x^4 \right) \right. \\ \left. \left(-\,x\,+\,3\,\,x^4 \right) \right. \\ \left. \left(-\,x\,+$$



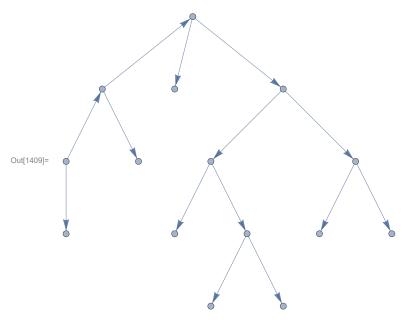
$$\text{Out} \text{[1399]=} \quad \left\{ -\, x^4 \, + \, x^6 \, + \, G^3 \, \left(-\, 3 \, \, x^3 \, + \, 2 \, \, x^5 \right) \, + \, G^2 \, \left(1 \, - \, 3 \, \, x^2 \, + \, 7 \, \, x^4 \, - \, 3 \, \, x^6 \right) \, + \, G \, \left(-\, x \, + \, 3 \, \, x^3 \, - \, 5 \, \, x^5 \, + \, x^7 \right) \, \right\}$$



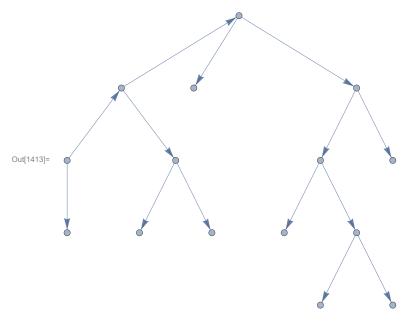
$$\text{Out} [\text{1403}] = \left. \left\{ -\,x \,+\, x^3 \,-\, 2\; G^3\; x^4 \,-\, x^5 \,+\, x^7 \,+\, G^2\; \left(-\,2\; x^3 \,+\, 5\; x^5 \right) \right. \right. \\ \left. \left. +\, G\; \left(1 \,-\, 2\; x^2 \,+\, 3\; x^4 \,-\, 4\; x^6 \right) \right. \right\} \\ \left. \left. \left(1 \,-\, 2\, x^2 \,+\, 3\; x^4 \,-\, 4\; x^6 \right) \right. \\ \left. \left(1 \,-\, 2\, x^2 \,+\, 3\; x^4 \,-\, 4\; x^6 \right) \right. \\ \left. \left(1 \,-\, 2\, x^2 \,+\, 3\; x^4 \,-\, 4\; x^6 \right) \right. \\ \left. \left(1 \,-\, 2\, x^2 \,+\, 3\; x^4 \,-\, 4\; x^6 \right) \right. \\ \left. \left(1 \,-\, 2\, x^2 \,+\, 3\; x^4 \,-\, 4\; x^6 \right) \right. \\ \left. \left(1 \,-\, 2\, x^2 \,+\, 3\; x^4 \,-\, 4\; x^6 \right) \right. \\ \left. \left(1 \,-\, 2\, x^2 \,+\, 3\; x^4 \,-\, 4\; x^6 \right) \right. \\ \left. \left(1 \,-\, 2\, x^2 \,+\, 3\; x^4 \,-\, 4\; x^6 \right) \right. \\ \left. \left(1 \,-\, 2\, x^2 \,+\, 3\; x^4 \,-\, 4\; x^6 \right) \right. \\ \left. \left(1 \,-\, 2\, x^2 \,+\, 3\; x^4 \,-\, 4\; x^6 \right) \right. \\ \left. \left(1 \,-\, 2\, x^2 \,+\, 3\; x^4 \,-\, 4\; x^6 \right) \right. \\ \left. \left(1 \,-\, 2\, x^2 \,+\, 3\; x^4 \,-\, 4\; x^6 \right) \right. \\ \left. \left(1 \,-\, 2\, x^2 \,+\, 3\; x^4 \,-\, 4\; x^6 \right) \right. \\ \left. \left(1 \,-\, 2\, x^2 \,+\, 3\; x^4 \,-\, 4\; x^6 \right) \right. \\ \left. \left(1 \,-\, 2\, x^2 \,+\, 3\; x^4 \,-\, 4\; x^6 \right) \right. \\ \left. \left(1 \,-\, 2\, x^2 \,+\, 3\; x^4 \,-\, 4\; x^6 \right) \right. \\ \left. \left(1 \,-\, 2\, x^2 \,+\, 3\; x^4 \,-\, 4\; x^6 \right) \right] \right. \\ \left. \left(1 \,-\, 2\, x^2 \,+\, 3\; x^4 \,-\, 4\; x^6 \right) \right. \\ \left. \left(1 \,-\, 2\, x^2 \,+\, 3\; x^4 \,-\, 4\; x^6 \right) \right] \right. \\ \left. \left(1 \,-\, 2\, x^2 \,+\, 3\; x^4 \,-\, 4\; x^6 \right) \right] \right. \\ \left. \left(1 \,-\, 2\, x^2 \,+\, 3\; x^4 \,-\, 4\; x^6 \right) \right] \right. \\ \left. \left(1 \,-\, 2\, x^2 \,+\, 3\; x^4 \,-\, 4\; x^6 \right) \right] \right. \\ \left. \left(1 \,-\, 2\, x^2 \,+\, 3\; x^4 \,-\, 4\; x^6 \right) \right] \right. \\ \left. \left(1 \,-\, 2\, x^2 \,+\, 3\; x^4 \,+\, 3\; x^4$$



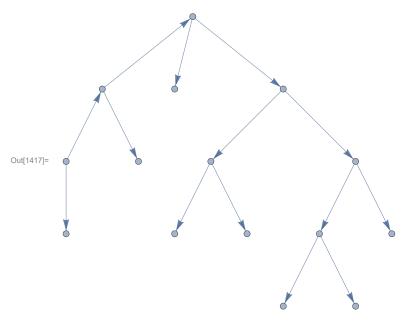
$$\text{Out} [1407] = \left. \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 4 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^$$



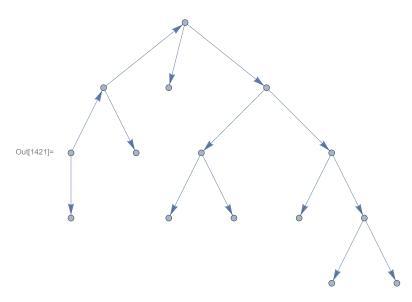
$$\text{Out} [\text{1411}] = \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(x^4 \, - \, x^6 \, \right) \, + \, G \, \left(- \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \right) \, + \, G^2 \, \left(3 \, \, x^3 \, - \, 4 \, \, x^5 \, + \, x^7 \right) \, \right\}$$



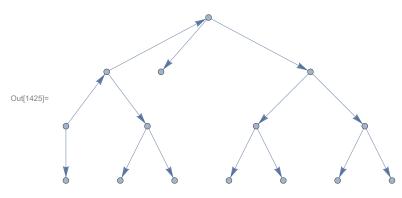
$$\text{Out} \text{[1415]= } \left\{ x - x^3 + x^5 + G^3 \, \left(x^4 - x^6 \right) \right. \\ \left. + G \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + G^2 \, \left(3 \, x^3 - 4 \, x^5 + x^7 \right) \right. \\ \left. \right\} \\ \left. + \left(3 \, x^4 - x^6 \right) \right. \\ \left. + \left(3 \, x^4 - x^6 \right) \right] \\ \left. + \left(3 \,$$



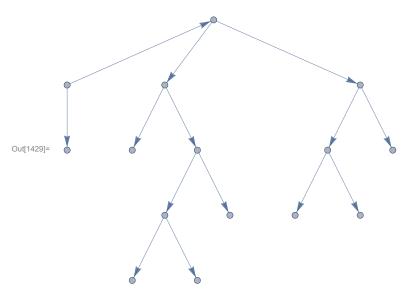
$$\text{Out} \text{[1419]= } \left\{ -\,x\,+\,x^3\,-\,2\,\,x^5\,+\,x^7\,+\,G^2\,\,\left(-\,4\,\,x^3\,+\,4\,\,x^5\,\right) \right. \\ \left. +\,G\,\,\left(1\,-\,2\,\,x^2\,+\,6\,\,x^4\,-\,4\,\,x^6\right) \right. \\ \left. \left. \right\} \right. \\ \left. \left. \right\} \right. \\ \left. \left. \left(-\,2\,\,x^2\,+\,6\,\,x^4\,-\,4\,\,x^6\right) \right. \\ \left. \left(-\,4\,\,x^3\,+\,4\,\,x^5\right) \right. \\ \left. \left(-\,4\,\,x^4\,+\,4\,\,x^5\right) \right. \\ \left. \left(-\,4\,\,x^4\,+\,x^4\right) \right. \\ \left. \left(-\,4\,\,x^4\,+\,x^4\right) \right. \\ \left. \left(-\,4\,\,x^4\,+\,x^4\right) \right. \\ \left. \left(-\,4\,\,x^4\right) \right$$



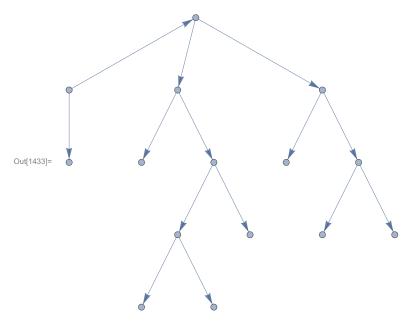
$$\text{Out} [\text{1423}] = \left. \left\{ \, x^2 \, - \, x^4 \, + \, x^6 \, + \, G^3 \, \left(\, - \, 4 \, \, x^3 \, + \, 5 \, \, x^5 \, - \, 2 \, \, x^7 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x \, + \, 3 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, 2 \, \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^4 \, + \, x^8 \, + \, 3 \, \, x^8 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^4 \, + \, x^8 \, + \, x^8 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^4 \, + \, x^8 \, + \, x^8 \, + \, x^8 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^4 \, + \, x^8 \, + \,$$



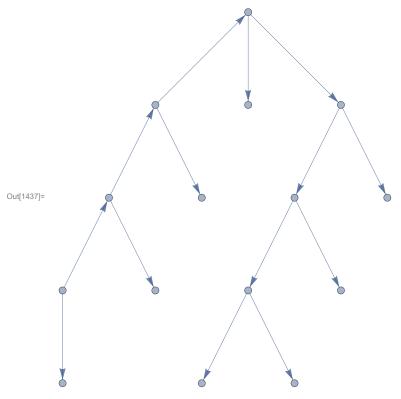
$$\text{Out} [\text{1427}] = \left. \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 4 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, 2 \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^$$



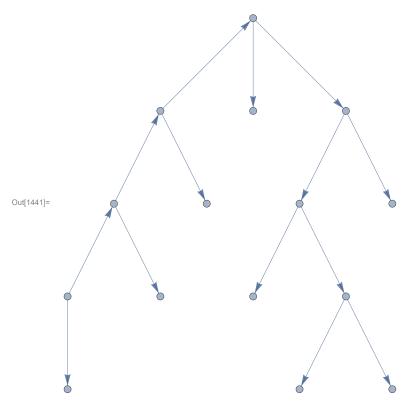
$$\text{Out} [\text{1431}] = \left. \left\{ -\,x \,+\, x^3 \,-\, 2\; x^5 \,+\, x^7 \,+\, G^2 \; \left(-\,4\; x^3 \,+\, 4\; x^5 \right) \right. \,+\, G \; \left(1 \,-\, 2\; x^2 \,+\, 6\; x^4 \,-\, 4\; x^6 \right) \, \right\}$$



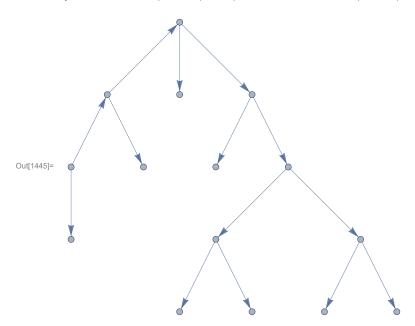
$$\text{Out} [\text{1435}] = \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(\, x^4 \, - \, 2 \, \, x^6 \, \right) \, + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, x^6 \, \right) \, + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



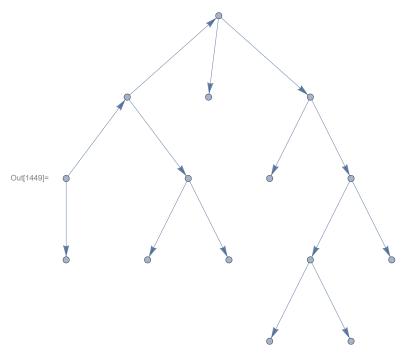
$$\text{Out} [1439] = \left. \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\, \left(-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. +\,G^2\,\, \left(1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. +\,G\,\, \left(-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left(-\,x\,+\,3\,\,x^4\,-\,3\,\,x^5 \right) \right. \\ \left. \left(-\,x\,+\,3\,\,x^5\,-\,5\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left(-\,x\,+\,3\,\,x^5\,-\,x^5\,+\,x^7 \right) \right. \\ \left. \left(-\,x\,+\,x^5\,-\,x^5\,+\,x^7 \right) \right. \\ \left. \left(-\,x\,+\,x^5\,-\,x^5 \right) \right. \\ \left. \left(-\,x\,+\,x^5 \right) \right. \\ \left.$$



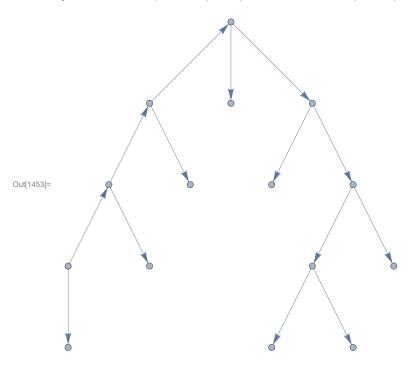
$$\text{Out} [1443] = \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(x^4 \, - \, x^6 \, \right) \, + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 4 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



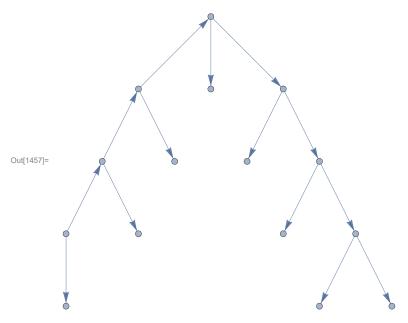
$$\text{Out}[\text{1447}] = \left\{ \, x^2 \, - \, x^4 \, + \, x^6 \, + \, G^3 \, \left(\, - \, 4 \, \, x^3 \, + \, 5 \, \, x^5 \, - \, 2 \, \, x^7 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x \, + \, 3 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, 2 \, \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 3 \, x^3 \, - \, 6 \, x^5 \, + \, 2 \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^2 \, + \, 9 \, x^4 \, - \, 7 \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^2 \, + \, 9 \, x^4 \, - \, 7 \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^2 \, + \, 9 \, x^4 \, - \, 7 \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^2 \, + \, 9 \, x^4 \, - \, 7 \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^2 \, + \, 9 \, x^4 \, - \, 7 \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^2 \, + \, 9 \, x^4 \, - \, 7 \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^2 \, + \, 9 \, x^4 \, - \, 7 \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^2 \, + \, 9 \, x^4 \, - \, 7 \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^2 \, + \, 9 \, x^4 \, - \, 7 \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^2 \, + \, 9 \, x^4 \, - \, 7 \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^2 \, + \, 9 \, x^4 \, - \, 7 \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^2 \, + \, 9 \, x^4 \, - \, 7 \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^2 \, + \, 9 \, x^4 \, - \, 7 \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^2 \, + \, 9 \, x^4 \, - \, 7 \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^4 \, + \, x^8 \, + \, 3 \, x^8 \, + \, x^8 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^4 \, + \, x^8 \, + \, x^8 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^4 \, + \, x^8 \, + \, x^8 \, + \, x^8 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^4 \, + \, x^8 \, + \, x^8 \, + \, x^8 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^4 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^4 \, + \, x^8 \, + \,$$



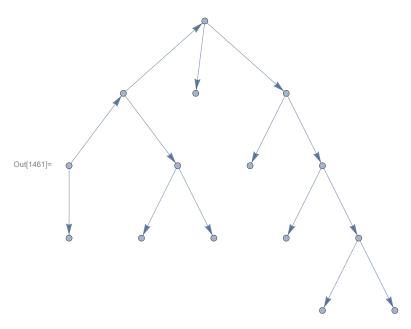
$$\text{Out} [1451] = \left. \left\{ x - x^3 + x^5 + G^3 \, \left(x^4 - 2 \, x^6 \right) \right. \\ \left. + G \, \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. + G^2 \, \left(3 \, x^3 - 3 \, x^5 + x^7 \right) \right. \right\} \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^2 - 4 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right] \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right] \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right. \\ \left. \left(-1 + 2 \, x^4 + x^6 \right) \right] \\ \left.$$



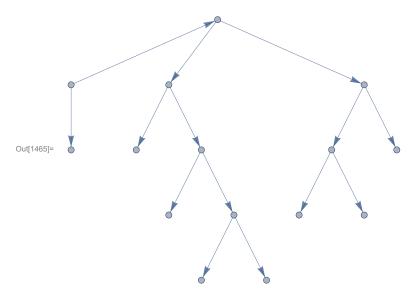
$$\text{Out}[1455] = \left. \left\{ \, x^2 \, - \, x^4 \, + \, x^6 \, + \, G^3 \, \left(\, - \, 4 \, \, x^3 \, + \, 5 \, \, x^5 \, - \, 2 \, \, x^7 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 2 \, \, x \, + \, 3 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, 2 \, \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 9 \, \, x^4 \, - \, 7 \, \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, \, x^2 \, + \, 3 \, x^3 \, - \, 6 \, x^5 \, + \, 2 \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^2 \, + \, 9 \, x^4 \, - \, 7 \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^2 \, + \, 9 \, x^4 \, - \, 7 \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^2 \, + \, 9 \, x^4 \, - \, 7 \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^2 \, + \, 9 \, x^4 \, - \, 7 \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^2 \, + \, 9 \, x^4 \, - \, 7 \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^2 \, + \, 9 \, x^4 \, - \, 7 \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^2 \, + \, 9 \, x^4 \, - \, 7 \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^2 \, + \, 9 \, x^4 \, - \, 7 \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^2 \, + \, 9 \, x^4 \, - \, 7 \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^2 \, + \, 9 \, x^4 \, - \, 7 \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^2 \, + \, 9 \, x^4 \, - \, 7 \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^2 \, + \, 9 \, x^4 \, - \, 7 \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^2 \, + \, 9 \, x^4 \, - \, 7 \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^2 \, + \, 9 \, x^4 \, - \, 7 \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^2 \, + \, 9 \, x^4 \, - \, 7 \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^2 \, + \, 9 \, x^4 \, - \, 7 \, x^6 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^4 \, + \, x^8 \, + \, x^8 \, + \, x^8 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 1 \, - \, 2 \, x^4 \, + \, x^8 \, + \, x^8 \, + \, x^8 \, + \, x^8 \, \right) \right.$$



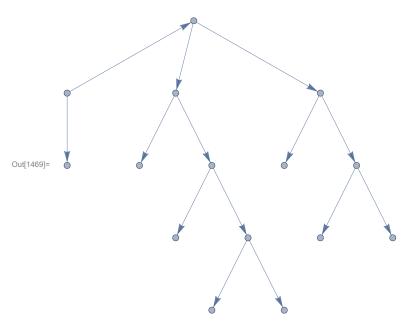
$$\begin{array}{l} \text{Out} \text{[1459]=} & \left\{ \, -\, x^{3} \, +\, x^{5} \, +\, G\, \left(\, 3\, \, x^{2} \, -\, 4\, \, x^{4} \, +\, 4\, \, x^{6}\, \right) \, +\, G^{2}\, \left(\, -\, 3\, \, x\, +\, 5\, \, x^{3} \, -\, 12\, \, x^{5} \, +\, 6\, \, x^{7}\, \right) \, +\, G^{3}\, \left(\, 1\, -\, 2\, \, x^{2} \, +\, 12\, \, x^{4} \, -\, 12\, \, x^{6} \, +\, 4\, \, x^{8}\, \right) \, +\, G^{4}\, \left(\, -\, 4\, \, x^{3} \, +\, 6\, \, x^{5} \, -\, 4\, \, x^{7} \, +\, x^{9}\, \right) \, \right\}$$



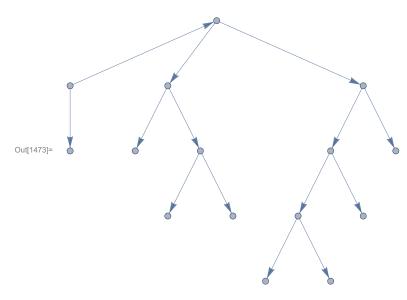
$$\text{Out} [1463] = \left. \left\{ -\,x \,+\, x^3 \,+\, G^4\,\, x^7 \,+\, G\,\, \left(\,1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \,\right) \right. \\ \left. +\, G^2\,\, \left(\,-\, 2\,\, x^3 \,+\, 3\,\, x^5 \,\right) \right. \\ \left. +\, G^3\,\, \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \left. \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,\right) \right. \\ \left. \left(\,-\, 2\,\, x^4 \,+\, 2\,\, x^6 \,+\, 2\,\, x^6$$



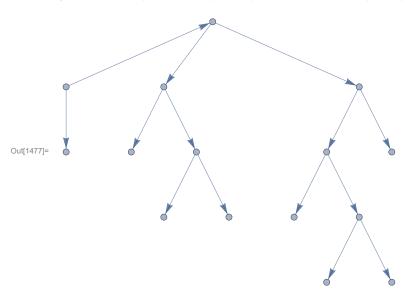
$$\text{Out} [1467] = \left. \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(\, x^4 \, - \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left. \left(\, - \, 1 \, + \, 2 \, \, x^3 \, + \, x^5 \, + \, G^3 \, \left(\, x^4 \, - \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, x^6 \, + \, x^6 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, x^6 \, + \, x^6 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, x^6 \, + \, x$$



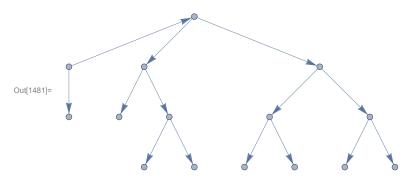
$$\text{Out}[1471] = \left. \left\{ -\,x \,+\, x^3 \,+\, G^4\,\, x^7 \,+\, G\,\, \left(1\,-\,2\,\,x^2 \,+\, 2\,\,x^4 \right) \right. \,+\, G^2\,\, \left(-\,2\,\,x^3 \,+\, 3\,\,x^5 \right) \right. \,+\, G^3\,\, \left(-\,2\,\,x^4 \,+\, 2\,\,x^6 \right) \, \left. \right\} \, \left. \left(-\,2\,\,x^4 \,+\, 2\,\,x^6 \right) \, \left(-\,2\,\,x^4 \,+\, 2\,\,x^6$$



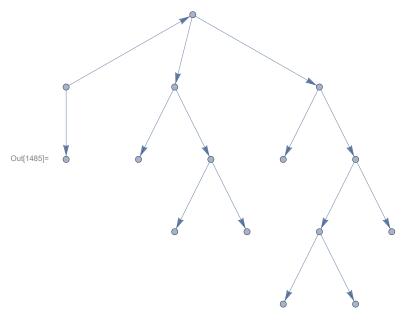
$$\text{Out}[1475] = \left. \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. +\,G^2\,\,\left(1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. +\,G\,\,\left(-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,x^4\,+\,x^6\,+\,G^3\,$$



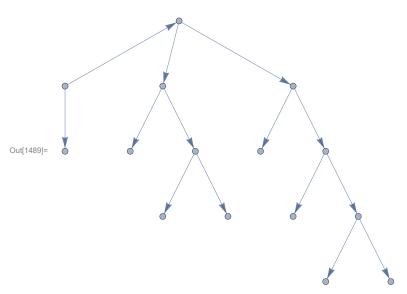
$$\text{Out} [1479] = \left. \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 4 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2$$



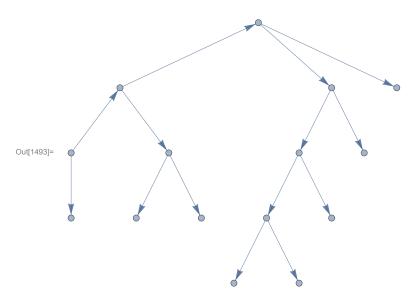
$$\text{Out} [\text{1483}] = \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(x^4 \, - \, x^6 \, \right) \, + \, G \, \left(- \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \right) \, + \, G^2 \, \left(3 \, \, x^3 \, - \, 4 \, \, x^5 \, + \, x^7 \right) \, \right\}$$



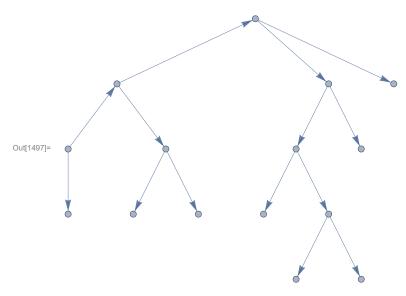
$$\begin{array}{l} \text{Out} [1487] = \end{array} \left\{ -\,x\,+\,x^{3}\,-\,x^{7}\,+\,x^{9}\,+\,G^{3}\,\,\left(\,-\,x^{4}\,-\,2\,\,x^{6}\,+\,5\,\,x^{8}\,-\,2\,\,x^{10}\,\right) \,+\,\\ \qquad \qquad G\,\,\left(\,1\,-\,2\,\,x^{2}\,+\,2\,\,x^{4}\,+\,2\,\,x^{6}\,-\,6\,\,x^{8}\,+\,2\,\,x^{10}\,\right) \,+\,G^{2}\,\,\left(\,-\,2\,\,x^{3}\,+\,x^{5}\,+\,8\,\,x^{7}\,-\,7\,\,x^{9}\,+\,x^{11}\,\right) \,\right\}$$



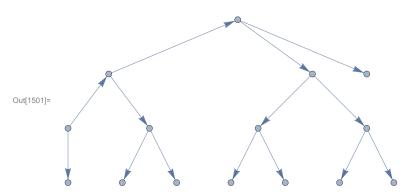
$$\text{Out} [\text{1491}] = \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \\ \left. \, +\, G^2 \, \left(-\,2\,\, x^3 \,+\, 2\,\, x^5 \right) \right. \\ \left. \, +\, G^3 \, \left(-\,x^4 \,+\, 2\,\, x^6 \right) \right. \\ \left. \, +\, G^4 \, \left(-\,x^5 \,+\, x^7 \right) \right. \\ \left. \, \right\} \right. \\ \left. \left. \, +\, \left(-\,x^5 \,+\, x^7 \right) \right. \\ \left. \, \left(-\,x^4 \,+\, 2\,\, x^6 \right) \right. \\ \left. \, \left(-\,x^5 \,+\, x^7 \right) \right. \\ \left. \, \left(-\,x^5 \,+\, x^7 \right) \right. \\ \left. \, \left(-\,x^5 \,+\, x^7 \right) \right. \\ \left. \, \left(-\,x^5 \,+\, x^7 \right) \right. \\ \left. \, \left(-\,x^5 \,+\, x^7 \right) \right. \\ \left. \, \left(-\,x^5 \,+\, x^7 \right) \right. \\ \left. \, \left(-\,x^5 \,+\, x^7 \right) \right. \\ \left. \, \left(-\,x^5 \,+\, x^7 \right) \right. \\ \left. \, \left(-\,x^5 \,+\, x^7 \right) \right. \\ \left. \, \left(-\,x^5 \,+\, x^7 \right) \right. \\ \left. \, \left(-\,x^5 \,+\, x^7 \right) \right. \\ \left. \, \left(-\,x^5 \,+\, x^7 \right) \right. \\ \left. \, \left(-\,x^5 \,+\, x^7 \right) \right. \\ \left. \, \left(-\,x^5 \,+\, x^7 \right) \right. \\ \left. \, \left(-\,x^5 \,+\, x^7 \right) \right. \\ \left. \, \left(-\,x^5 \,+\, x^7 \right) \right. \\ \left. \, \left(-\,x^5 \,+\, x^7 \right) \right. \\ \left. \, \left(-\,x^5 \,+\, x^7 \right) \right. \\ \left. \left($$



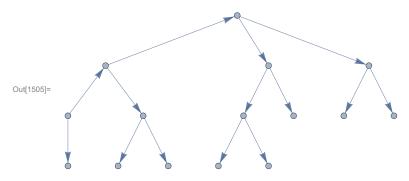
$$\text{Out} [\text{1495}] = \left. \left. \left\{ 2 \ G^4 \ x^3 - x^5 + x^7 + G^3 \ \left(-1 + 4 \ x^2 - 7 \ x^4 \right) \right. \right. \\ \left. + G^2 \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right. \right. \\ \left. + G \left. \left(4 \ x^4 - 5 \ x^6 \right) \right. \right\} \right. \\ \left. \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right. \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right. \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right. \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right. \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right. \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right. \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right. \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right. \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right. \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right. \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right. \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right. \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right. \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right. \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right. \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right. \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right. \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right. \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right] \right. \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right] \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right] \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right] \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right] \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right] \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right] \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right] \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right] \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right] \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right] \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right] \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right] \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right] \\ \left. \left(x - 6 \ x^3 + 9 \ x^5 \right) \right] \\ \left. \left(x - 6 \ x^5 \right) \right] \\ \left. \left(x$$



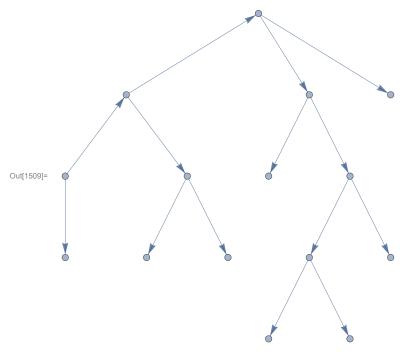
$$\text{Out} [\text{1499}] = \left. \left\{ -\,x^4 \,+\, x^6 \,+\, G^3 \,\, \left(-\,3\,\,x^3 \,+\, 2\,\,x^5 \right) \right. \\ \left. +\, G^2 \,\, \left(1\,-\,3\,\,x^2 \,+\, 7\,\,x^4 \,-\, 3\,\,x^6 \right) \right. \\ \left. +\, G \,\, \left(-\,x \,+\, 3\,\,x^3 \,-\, 5\,\,x^5 \,+\, x^7 \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(-\,x^4 \,+\, x^6 \,+\, G^3 \,\, \left(-\,3\,\,x^3 \,+\, 2\,\,x^5 \right) \right. \\ \left. \left(-\,x^4 \,+\, x^6 \,+\, G^3 \,\, \left(-\,3\,\,x^3 \,+\, 2\,\,x^5 \right) \right. \\ \left. \left(-\,x^4 \,+\, x^6 \,+\, G^3 \,\, \left(-\,3\,\,x^3 \,+\, 2\,\,x^5 \right) \right. \\ \left. \left(-\,x^4 \,+\, x^6 \,+\, G^3 \,\, \left(-\,3\,\,x^3 \,+\, 2\,\,x^5 \right) \right. \\ \left. \left(-\,x^4 \,+\, x^6 \,+\, G^3 \,\, \left(-\,3\,\,x^3 \,+\, 2\,\,x^5 \right) \right. \\ \left. \left(-\,x^4 \,+\, x^6 \,+\, G^3 \,\, \left(-\,3\,\,x^3 \,+\, 2\,\,x^5 \right) \right. \\ \left. \left(-\,x^4 \,+\, x^6 \,+\, G^3 \,\, \left(-\,x^4 \,+\, x^6 \,+\, G^3 \,+\, G^4 \,+\, G^4$$



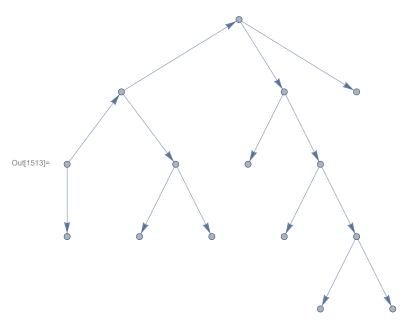
$$\text{Out} [\text{1503}] = \left. \left\{ -\,x^4\,+\,x^6\,+\,G^3\,\, \left(-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. +\,G^2\,\, \left(1\,-\,3\,\,x^2\,+\,7\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. +\,G\,\, \left(-\,x\,+\,3\,\,x^3\,-\,5\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(-\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. \left(-\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. \left(-\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,3\,\,x^3\,+\,2\,\,x^5 \right) \right. \\ \left. \left(-\,x^4\,+\,x^6\,+\,G^3\,\,\left(-\,x^4\,+\,x^6\,+\,G^3$$



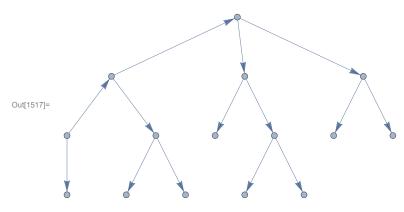
$$\text{Out[1507]=} \quad \left\{ -\,x^4\,-\,G^4\,\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,-\,2\,\,x^3\,+\,3\,\,x^5\,\right) \right. \\ \left. +\,G^2\,\,\left(\,1\,-\,3\,\,x^2\,+\,5\,\,x^4\,-\,3\,\,x^6\,\right) \right. \\ \left. +\,G\,\,\left(\,-\,x\,+\,3\,\,x^3\,-\,4\,\,x^5\,+\,x^7\,\right) \right. \\ \left. +\,G^2\,\,\left(\,1\,-\,3\,\,x^2\,+\,5\,\,x^4\,-\,3\,\,x^6\,\right) \right. \\ \left. +\,G^2\,\,\left(\,1\,-\,3\,\,x^2\,+\,5\,\,x^4\,-\,3\,\,x^6\,\right) \right. \\ \left. +\,G^2\,\,\left(\,1\,-\,3\,\,x^2\,+\,5\,\,x^4\,-\,3\,\,x^6\,\right) \right. \\ \left. +\,G^2\,\,\left(\,1\,-\,3\,\,x^4\,+\,x^6\,+\,3\,\,x^6\,\right) \right. \\ \left. +\,G^2\,\,\left(\,1\,-\,3\,\,x^4\,+\,x^6\,+\,$$



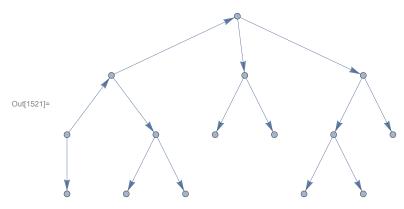
$$\text{Out[1511]=} \quad \left\{ -\,x\,+\,x^{3}\,-\,2\,\,x^{5}\,+\,x^{7}\,+\,G^{2}\,\,\left(-\,4\,\,x^{3}\,+\,4\,\,x^{5}\,\right) \right. \\ \left. +\,G\,\,\left(1\,-\,2\,\,x^{2}\,+\,6\,\,x^{4}\,-\,4\,\,x^{6}\,\right) \right. \\ \left. \left. \right\} \right. \\ \left. \left. \left(-\,4\,\,x^{3}\,+\,4\,\,x^{5}\,\right) \right. \\ \left. \left(-\,4\,\,x^{5}\,+\,4\,\,x^{5}\,+\,4\,\,x^{5}\,\right) \right. \\ \left. \left(-\,4\,\,x^{5}\,+\,4\,\,x^{5}\,+\,4\,\,x^{5}\,+\,4\,\,x^{5}\,+\,4\,\,x^{5}\,+\,4\,\,x^{5}\,+\,4\,\,x^{5}\,+\,4\,\,x^{5}\,+\,4\,\,x^{5}\,+\,4\,x^{5}\,+\,4\,\,x^{5}$$



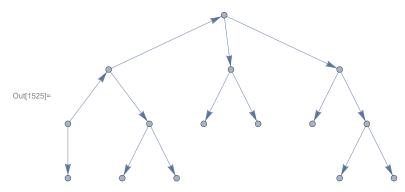
$$\text{Out[1515]=} \quad \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \, \left(\, x^4 \, - \, 2 \, \, x^6 \, \right) \, \, + \, G \, \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, x^6 \, \right) \, \, + \, G^2 \, \, \left(\, 3 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \, \right\}$$



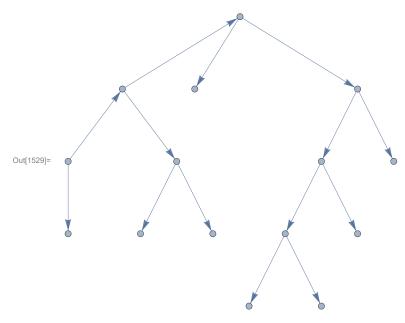
$$\text{Out} [1519] = \left. \left\{ x - x^3 + x^5 + G^3 \left(x^4 - x^6 \right) \right. \\ \left. + G \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + G^2 \left(3 \, x^3 - 4 \, x^5 + x^7 \right) \right. \right\}$$



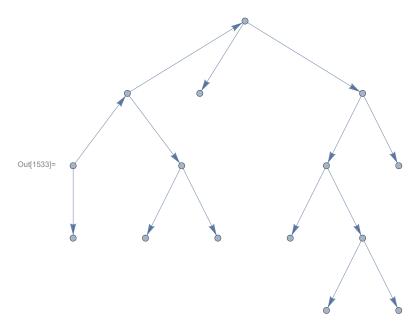
$$\text{Out} [1523] = \left\{ -\,x\,+\,x^3\,-\,2\,\,G^3\,\,x^4\,-\,x^5\,+\,x^7\,+\,G^2\,\,\left(-\,2\,\,x^3\,+\,5\,\,x^5\right) \right. \\ \left. +\,G\,\,\left(1\,-\,2\,\,x^2\,+\,3\,\,x^4\,-\,4\,\,x^6\right) \right. \\ \left. +\,G\,\,\left(1\,-\,2\,\,x^2\,+\,3\,\,x^4\,-\,4\,\,x^6\right) \right\} \\ \left. +\,G\,\,\left(1\,-\,2\,\,x^2\,+\,3\,\,x^4\,-\,4\,\,x^6\right) \right\} \\ \left. +\,G\,\,\left(1\,-\,2\,\,x^2\,+\,3\,\,x^4\,-\,4\,\,x^6\right) \right\} \\ \left. +\,G\,\,\left(1\,-\,2\,\,x^2\,+\,3\,\,x^4\,-\,4\,\,x^6\right) \right. \\ \left. +\,G\,\,\left(1\,-\,2\,\,x^2\,+\,3\,\,x^4\,-\,4\,\,x^6\right) \right] \\ \left. +\,G\,\,\left(1\,-\,2\,\,x^4\,+\,3\,\,x^4\,-\,4\,\,x^6\right) \right] \\ \left. +\,G\,\,\left(1\,-\,2\,\,x^4\,+\,3\,\,x^4\,-\,x^4\,+\,$$



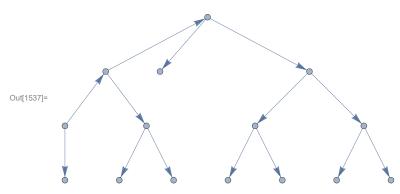
$$\text{Out} [\text{1527}] = \left. \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^4 \, \, x^5 \, + \, G^3 \, \, \left(\, x^4 \, - \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G \, \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \, \left(\, 2 \, \, x^3 \, - \, 2 \, \, x^5 \, + \, x^7 \, \right) \, \right\} \\ \left. - \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, \left(\, - \, 1 \, + \, 2 \, \, x^4$$

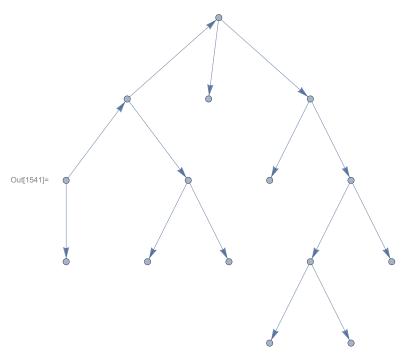


$$\begin{array}{l} \text{Out[1531]=} & \left\{ -\,x^9\,+\,x^{\mathbf{11}}\,+\,G^5\,\left(-\,x^4\,-\,2\,\,x^6\,\right)\,+\,G^4\,\left(-\,x^3\,+\,9\,\,x^7\,\right)\,+\, \\ & G^3\,\left(\mathbf{1}\,-\,3\,\,x^2\,+\,2\,\,x^4\,+\,6\,\,x^6\,-\,\mathbf{16}\,\,x^8\right)\,+\,G^2\,\left(-\,x\,+\,3\,\,x^3\,-\,x^5\,-\,9\,\,x^7\,+\,\mathbf{14}\,\,x^9\right)\,+\,G\,\left(-\,x^4\,+\,5\,\,x^8\,-\,6\,\,x^{\mathbf{10}}\right)\,\right\} \end{array}$$

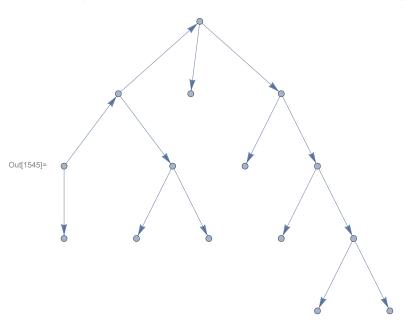


$$\begin{array}{l} \text{Out[1535]=} \quad \left\{ \, -\,x\,+\,x^{3}\,-\,x^{7}\,+\,x^{9}\,+\,G^{3}\,\,\left(\, -\,x^{4}\,-\,2\,\,x^{6}\,+\,5\,\,x^{8}\,-\,2\,\,x^{10}\,\right) \,\,+\,\\ \qquad \qquad G\,\,\left(\, 1\,-\,2\,\,x^{2}\,+\,2\,\,x^{4}\,+\,2\,\,x^{6}\,-\,6\,\,x^{8}\,+\,2\,\,x^{10}\,\right) \,\,+\,G^{2}\,\,\left(\, -\,2\,\,x^{3}\,+\,x^{5}\,+\,8\,\,x^{7}\,-\,7\,\,x^{9}\,+\,x^{11}\,\right) \,\,\right\} \,. \end{array}$$

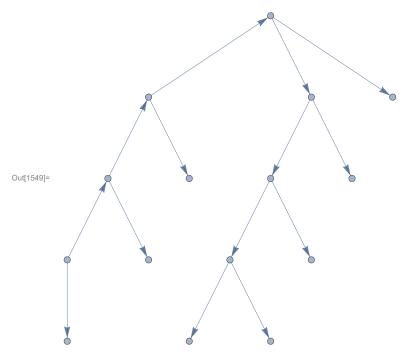




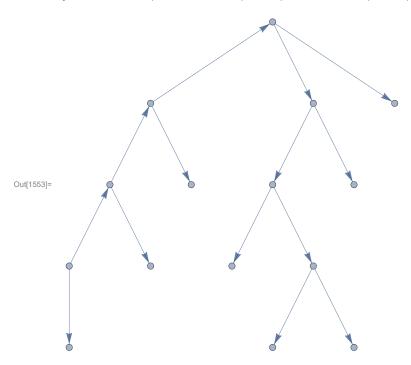
$$\begin{array}{l} \text{Out} \text{[1543]=} & \left\{ \, x - x^3 + x^5 - x^7 + x^9 - x^{11} + x^{13} - x^{15} + x^{17} + G^5 \, \left(- x^8 - x^{10} - 2 \, x^{12} \right) \right. \\ & \left. - G^3 \, \left(x^4 - 2 \, x^6 + 2 \, x^8 - 10 \, x^{10} + x^{12} - 16 \, x^{14} \right) \right. \\ & \left. - G^2 \, \left(2 \, x^3 - 3 \, x^5 + 3 \, x^7 - 5 \, x^9 + 10 \, x^{11} - 5 \, x^{13} + 14 \, x^{15} \right) \right. \\ & \left. - G \, \left(- 1 + 2 \, x^2 - 3 \, x^4 + 3 \, x^6 - 3 \, x^8 + 4 \, x^{10} - 5 \, x^{12} + 4 \, x^{14} - 6 \, x^{16} \right) \right. \end{array}$$



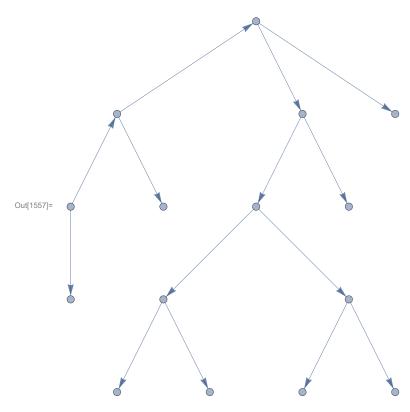
$$\text{Out} \text{[1547]= } \left\{ -x + x^3 - G^5 \ x^6 + G \ \left(1 - 2 \ x^2 + x^4 \right) \right. \\ \left. + G^2 \ \left(-x^3 + x^5 \right) \right. \\ \left. + G^3 \ \left(-x^4 + x^6 \right) \right. \\ \left. + G^4 \ \left(-x^5 + x^7 \right) \right. \\ \left. \right\} \\ \left. - \left(-x^4 + x^6 \right) \right. \\ \left. + \left(-x^5 + x^7 \right) \right] \\ \left. + \left(-x^5 + x^7 \right) \right$$



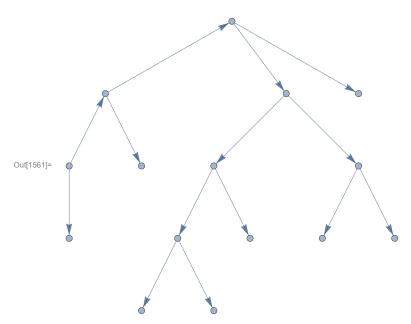
$$\text{Out[1551]= } \left\{ G^5 \ x^3 + x^6 + G^4 \ \left(-1 + 5 \ x^2 - 4 \ x^4 \right) \right. \\ \left. + G^3 \ \left(x - 10 \ x^3 + 6 \ x^5 \right) \right. \\ \left. + G^2 \ \left(10 \ x^4 - 4 \ x^6 \right) \right. \\ \left. + G \ \left(-5 \ x^5 + x^7 \right) \right. \\ \left. \right\} \left. \left(-5 \ x^5 + x^7 \right) \right. \\ \left. \left(-5 \ x^5 + x^7 \right) \right] \\ \left. \left(-5 \ x^5 + x^7 \right) \right] \\ \left. \left(-5 \ x^5 + x^7 \right) \right] \\ \left. \left(-5 \ x^5 + x^7 \right) \right] \\ \left. \left(-5 \ x^5 + x^7 \right) \right] \\ \left. \left(-5 \ x^5 + x^7 \right) \right] \\ \left. \left(-5 \ x^5 + x^7 \right) \right] \\ \left. \left(-5 \ x^5 + x^7 \right) \right] \\ \left. \left(-5 \ x^7 \right) \right] \\ \left. \left(-5 \ x^7 \right) \right] \\ \left. \left(-5 \ x^7 \right) \right] \\ \left.$$



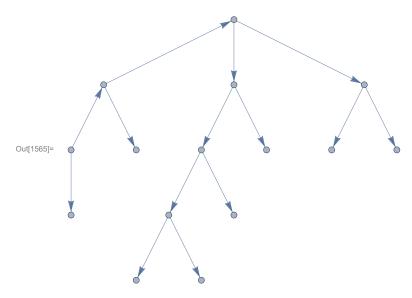
$$\text{Out} [\text{1555}] = \left. \left\{ \, x^5 \, + \, G^4 \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. + \, G^3 \, \left(\, 1 \, - \, 4 \, \, x^2 \, + \, 6 \, \, x^4 \, - \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^3 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^3 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^3 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^3 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^3 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^3 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^3 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^3 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^3 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^3 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^3 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^3 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^3 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^3 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^3 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^3 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^3 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^3 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^3 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^3 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^3 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^3 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^3 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left($$



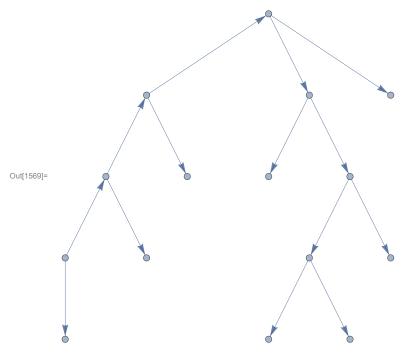
$$\text{Out} \text{[1559]= } \left\{ \, x^5 \, + \, G^4 \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \, + \, G^3 \, \left(\, 1 \, - \, 4 \, \, x^2 \, + \, 6 \, \, x^4 \, - \, 2 \, \, x^6 \, \right) \, + \, G \, \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



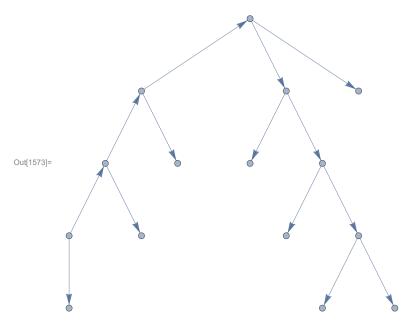
$$\text{Out} [1563] = \left. \left\{ \, x^5 \, + \, G^4 \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. + \, G^3 \, \left(\, 1 \, - \, 4 \, \, x^2 \, + \, 6 \, \, x^4 \, - \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^4 \, - \, 2 \, \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^7 \, - \, 6 \, \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^7 \, - \, 6 \, \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^7 \, - \, 6 \, \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^7 \, - \, 6 \, \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^7 \, - \, 6 \, \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^7 \, - \, 6 \, \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^7 \, + \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^7 \, + \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^7 \, + \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \,$$



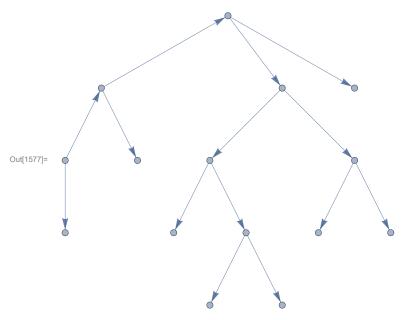
$$\text{Out} [1567] = \left. \left\{ -\,G^5\,\,x^4\,+\,x^5\,+\,G^4\,\, \left(-\,x^3\,+\,3\,\,x^5 \right) \right. \\ \left. +\,G^3\,\, \left(1\,-\,4\,\,x^2\,+\,3\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. +\,G\,\, \left(-\,4\,\,x^4\,+\,x^6 \right) \right. \\ \left. +\,G^2\,\, \left(-\,x\,+\,6\,\,x^3\,-\,3\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(-\,4\,\,x^4\,+\,x^6 \right) \right. \\ \left. \left(-\,4\,\,x^4 \right) \right. \\ \left. \left$$



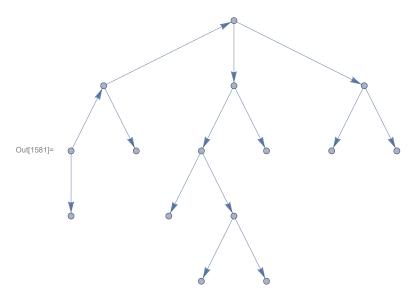
$$\text{Out} [1571] = \left. \left\{ \, x^5 \, + \, G^4 \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. + \, G^3 \, \left(\, 1 \, - \, 4 \, \, x^2 \, + \, 6 \, \, x^4 \, - \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^5 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^5 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^5 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^5 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^5 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^5 \, - \, 6 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^5 \, - \, 6 \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^7 \, + \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, x^7 \, + \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, x^7 \, + \, x^7 \,$$



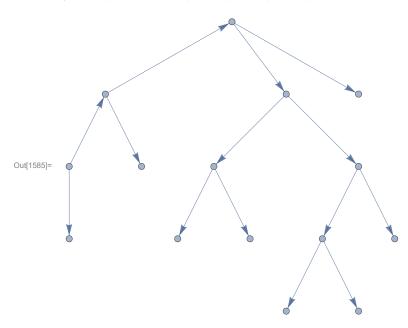
$$\text{Out} \text{[1575]= } \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 2 \, \, x^5 \, \right) \, + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^3 \, \left(\, 2 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



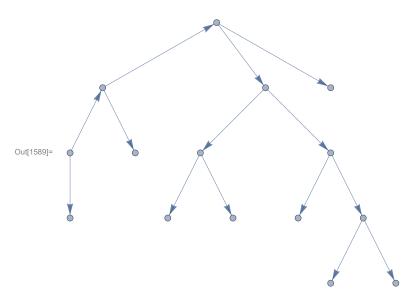
$$\text{Out} \text{[1579]= } \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 3 \, \, x^5 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 6 \, \, x^4 \, + \, 3 \, \, x^6 \, \right) \, + \, G^3 \, \left(\, 3 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



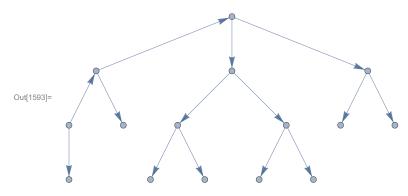
$$\text{Out} \text{[1583]=} \quad \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 2 \, \, x^5 \, \right) \, + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^3 \, \left(\, 2 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



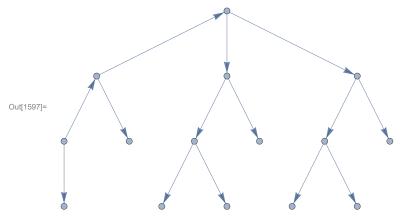
$$\text{Out[1587]=} \quad \left\{ \, x^5 \, + \, G^4 \, \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \, + \, G^3 \, \, \left(\, 1 \, - \, 4 \, \, x^2 \, + \, 6 \, \, x^4 \, - \, 2 \, \, x^6 \, \right) \, + \, G \, \, \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^2 \, \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \, \, \right\}$$



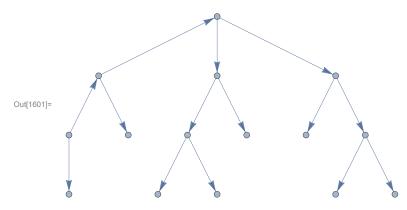
$$\text{Out} \text{[1591]= } \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 2 \, \, x^5 \, \right) \, + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^3 \, \left(\, 2 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



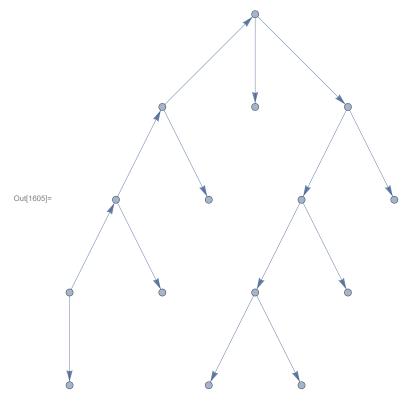
$$\text{Out[1595]=} \quad \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 2 \, \, x^5 \, \right) \, + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^3 \, \left(\, 2 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



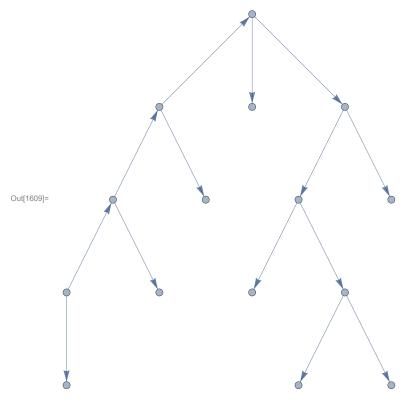
$$\text{Out[1599]=} \quad \left\{ -\,x^4\,-\,G^4\,\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,-\,2\,\,x^3\,+\,3\,\,x^5\,\right) \right. \\ \left. +\,G^2\,\,\left(\,1\,-\,3\,\,x^2\,+\,5\,\,x^4\,-\,3\,\,x^6\,\right) \right. \\ \left. +\,G\,\,\left(\,-\,x\,+\,3\,\,x^3\,-\,4\,\,x^5\,+\,x^7\,\right) \right. \\ \left. +\,G^2\,\,\left(\,1\,-\,3\,\,x^2\,+\,5\,\,x^4\,-\,3\,\,x^6\,\right) \right. \\ \left. +\,G^2\,\,\left(\,1\,-\,3\,\,x^2\,+\,5\,\,x^4\,-\,3\,\,x^6\,\right) \right. \\ \left. +\,G^2\,\,\left(\,1\,-\,3\,\,x^2\,+\,5\,\,x^4\,-\,3\,\,x^6\,\right) \right. \\ \left. +\,G^2\,\,\left(\,1\,-\,3\,\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,1\,-\,3\,\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,1\,-\,3\,\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,1\,-\,3\,\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,1\,-\,3\,\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,1\,-\,3\,\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,1\,-\,3\,\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,1\,-\,x^4\,+\,x^6\,+\,G^3\,\,\left(\,1\,-\,x^4\,+\,x^6\,+\,G^3\,+$$



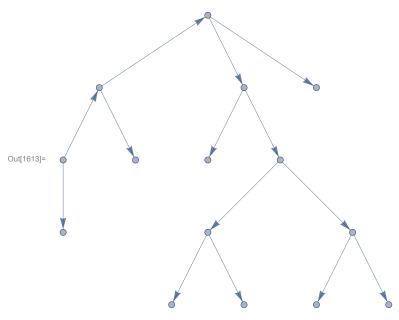
$$\text{Out} \text{[1603]= } \left\{ x^4 + G^5 \; x^5 + G \; \left(x - 3 \; x^3 + x^5 \right) \right. \\ \left. + \; G^4 \; \left(x^4 - 2 \; x^6 \right) \right. \\ \left. + \; G^2 \; \left(-1 + 3 \; x^2 - 2 \; x^4 + x^6 \right) \right. \\ \left. + \; G^3 \; \left(x^3 - 2 \; x^5 + x^7 \right) \right. \\ \left. + \; G^4 \; \left(x^4 - 2 \; x^6 \right) \right. \\ \left. + \; G^4 \;$$



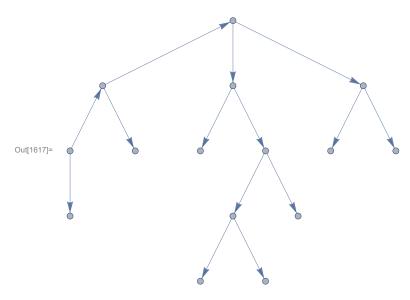
$$\text{Out} [\text{1607}] = \left. \left\{ \, x^5 \, + \, G^4 \, \left(\, - \, 2 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. + \, G^3 \, \left(\, 1 \, - \, 4 \, \, x^2 \, + \, 6 \, \, x^4 \, - \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G \, \left(\, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^3 \, - \, 6 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^4 \, - \, 2 \, \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^7 \, + \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^7 \, + \, x^7 \, + \, x^7 \, + \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, x \, + \, 6 \, \, x^7 \, + \, x^$$



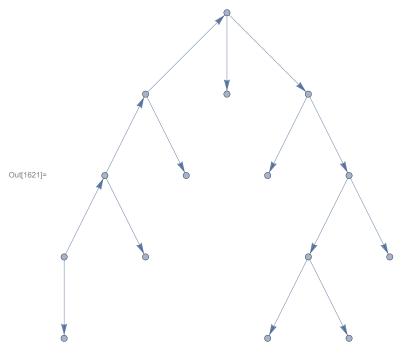
$$\text{Out[1611]=} \quad \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 3 \, \, x^5 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 6 \, \, x^4 \, + \, 3 \, \, x^6 \, \right) \, + \, G^3 \, \left(\, 3 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



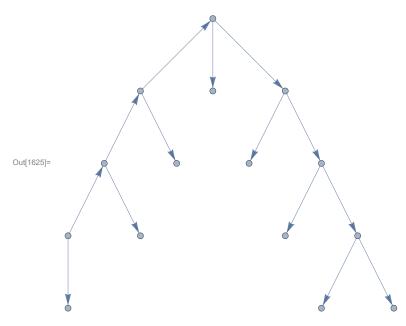
$$\text{Out} [\text{1615}] = \left. \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 2 \, \, x^5 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, 2 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left.$$



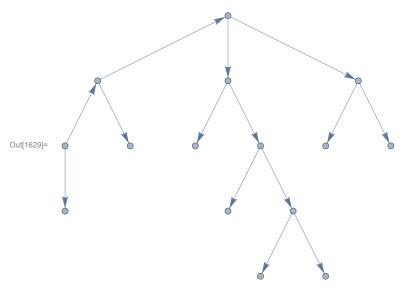
$$\text{Out[1619]=} \quad \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 2 \, \, x^5 \, \right) \, + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \, + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^3 \, \left(\, 2 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



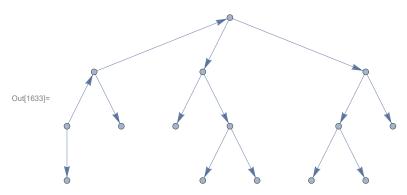
$$\text{Out} [\text{1623}] = \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^3 \, \left(x^4 \, - \, x^6 \, \right) \, + \, G \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \, + \, G^2 \, \left(\, 3 \, \, x^3 \, - \, 4 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



$$\text{Out} [\text{1627}] = \left. \left\{ -\,x \,+\, x^3 \,+\, G^4 \,\, x^7 \,+\, G \,\, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \,+\, G^2 \,\, \left(-\,2\,\, x^3 \,+\, 3\,\, x^5 \right) \right. \,+\, G^3 \,\, \left(-\,2\,\, x^4 \,+\, 2\,\, x^6 \right) \, \left. \right\} \, \left. \left(-\,2\,\, x^4 \,+\, 2\,\, x^6 \right) \,\, \left(-\,2\,\, x^4 \,+\, 2\,\, x^6$$

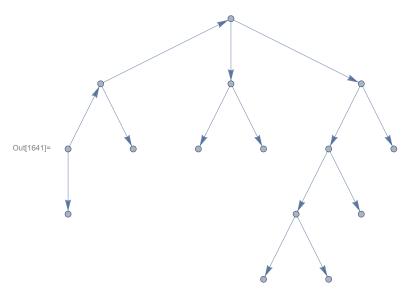


$$\text{Out} [\text{1631}] = \left. \left\{ -\,x \,+\, x^3 \,+\, G^4\,\, x^7 \,+\, G\,\, \left(1\,-\,2\,\,x^2 \,+\, 2\,\,x^4 \right) \right. \,+\, G^2\,\, \left(-\,2\,\,x^3 \,+\, 3\,\,x^5 \right) \right. \,+\, G^3\,\, \left(-\,2\,\,x^4 \,+\, 2\,\,x^6 \right) \, \right\} \, .$$

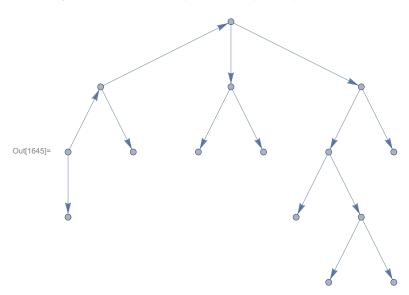


$$\text{Out} [\text{1635}] = \left. \left\{ x - x^3 + x^5 + G^3 \, \left(x^4 - x^6 \right) \right. \\ \left. + G \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + G^2 \, \left(3 \, x^3 - 4 \, x^5 + x^7 \right) \right. \right\} \\ \left. \left(x - x^3 + x^5 + G^3 \, \left(x^4 - x^6 \right) \right. \\ \left. \left(x - x^4 + x^5 + G^3 \, \left(x^4 - x^6 \right) \right) \right] \\ \left. \left(x - x^4 + x^5 + G^3 \, \left(x^4 - x^6 \right) \right) \right] \\ \left. \left(x - x^4 + x^5 + G^3 \, \left(x^4 - x^6 \right) \right) \right] \\ \left. \left(x - x^4 + x^5 + G^3 \, \left(x^4 - x^6 \right) \right) \right] \\ \left. \left(x - x^4 + x^5 + G^3 \, \left(x^4 - x^6 \right) \right) \right] \\ \left. \left(x - x^4 + x^5 + G^3 \, \left(x^4 - x^6 \right) \right) \right] \\ \left. \left(x - x^4 + x^5 + G^3 \, \left(x^4 - x^6 \right) \right) \right] \\ \left. \left(x - x^4 + x^5 + G^3 \, \left(x^4 - x^6 \right) \right) \right] \\ \left. \left(x - x^4 + x^5 + G^3 \, \left(x^4 - x^6 \right) \right) \right] \\ \left. \left(x - x^4 + x^5 + G^3 \, \left(x^4 - x^6 \right) \right) \right] \\ \left. \left(x - x^4 + x^5 + G^3 \, \left(x^4 - x^6 \right) \right) \right] \\ \left. \left(x - x^4 + x^5 + G^3 \, \left(x^4 - x^6 \right) \right) \right] \\ \left. \left(x - x^4 + x^5 + G^3 \, \left(x^4 - x^6 \right) \right) \right] \\ \left. \left(x - x^4 + x^5 + G^3 \, \left(x^4 - x^6 \right) \right) \right] \\ \left. \left(x - x^4 + x^5 + G^3 \, \left(x^4 - x^6 \right) \right) \right] \\ \left. \left(x - x^4 + x^5 + G^3 \, \left(x^4 - x^6 \right) \right) \right] \\ \left. \left(x - x^4 + x^4 + x^6 + G^3 \, \left(x^4 - x^6 \right) \right) \right] \\ \left. \left(x - x^4 + x^4 + x^6 + G^3 \, \left(x^4 - x^6 \right) \right] \\ \left. \left(x - x^4 + x^4 + x^6 + G^3 \, \left(x^4 - x^6 \right) \right) \right] \\ \left. \left(x - x^4 + x^4 + x^6 + G^3 \, \left(x^4 - x^6 \right) \right) \right] \\ \left. \left(x - x^4 + x^4 + x^4 + x^6 + G^4 \, \left(x^4 - x^6 \right) \right) \right] \\ \left. \left(x - x^4 + x^4 +$$

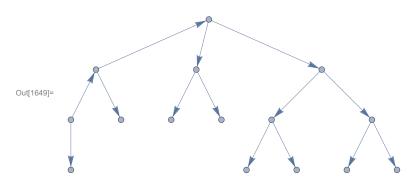
$$\text{Out} [\text{1639}] = \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \\ \left. +\, G^2 \, \left(-\,2\,\, x^3 \,+\, 2\,\, x^5 \right) \right. \\ \left. +\, G^3 \, \left(-\,x^4 \,+\, 2\,\, x^6 \right) \right. \\ \left. +\, G^4 \, \left(-\,x^5 \,+\, x^7 \right) \right. \\ \left. \left(-\,x^5 \,+\, x^7 \right) \right. \\ \left. \left(-\,x^4 \,+\, x^3 \,+\, G \, \left(x^4 \,+\, x^4$$



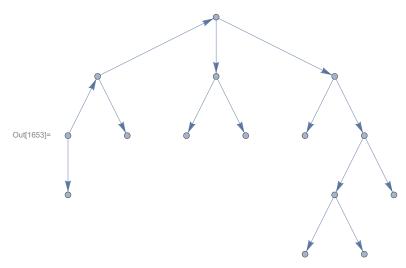
$$\text{Out} [\text{1643}] = \left. \left\{ -\, x^4 \, -\, G^4 \,\, x^4 \, +\, x^6 \, +\, G^3 \,\, \left(\, -\, 2\,\, x^3 \, +\, 3\,\, x^5 \right) \right. \\ \left. +\, G^2 \,\, \left(\, 1 \, -\, 3\,\, x^2 \, +\, 5\,\, x^4 \, -\, 3\,\, x^6 \right) \right. \\ \left. +\, G \,\, \left(\, -\, x \, +\, 3\,\, x^3 \, -\, 4\,\, x^5 \, +\, x^7 \right) \right. \\ \left. \left. \right\} \left. \left(\, -\, x \, +\, 3\,\, x^4 \, +\, x^6 \, +\, G^3 \,\, \left(\, -\, 2\,\, x^3 \, +\, 3\,\, x^5 \right) \right. \\ \left. \left(\, -\, x \, +\, 3\,\, x^4 \, +\, x^6 \, +\, G^3 \,\, \left(\, -\, 2\,\, x^3 \, +\, 3\,\, x^5 \right) \right. \\ \left. \left(\, -\, x \, +\, 3\,\, x^4 \, +\, x^6 \, +\, G^3 \,\, \left(\, -\, 2\,\, x^3 \, +\, 3\,\, x^5 \right) \right. \\ \left. \left(\, -\, x \, +\, 3\,\, x^4 \, +\, x^6 \, +\, G^3 \,\, \left(\, -\, 2\,\, x^3 \, +\, 3\,\, x^5 \right) \right. \\ \left. \left(\, -\, x \, +\, 3\,\, x^4 \, +\, x^6 \, +\, G^3 \,\, \left(\, -\, x \, +\, 3\,\, x^5 \right) \right. \\ \left. \left(\, -\, x \, +\, 3\,\, x^4 \, +\, x^6 \, +\, G^3 \,\, \left(\, -\, x \, +\, 3\,\, x^5 \right) \right. \\ \left. \left(\, -\, x \, +\, 3\,\, x^4 \, +\, x^6 \, +\, G^3 \,\, \left(\, -\, x \, +\, 3\,\, x^5 \right) \right. \\ \left. \left(\, -\, x \, +\, 3\,\, x^4 \, +\, x^6 \, +\, G^3 \,\, \left(\, -\, x \, +\, 3\,\, x^5 \right) \right. \\ \left. \left(\, -\, x \, +\, 3\,\, x^5 \, +\, x^5$$

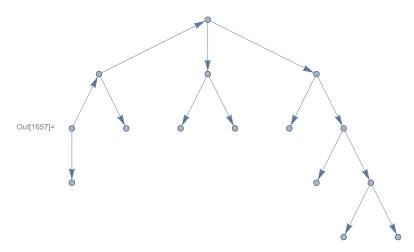


$$\text{Out} \text{[1647]= } \left\{ x - x^3 + x^5 + G^3 \, \left(x^4 - x^6 \right) \right. \\ \left. + G \, \left(-1 + 2 \, x^2 - 4 \, x^4 + 2 \, x^6 \right) \right. \\ \left. + \, G^2 \, \left(3 \, x^3 - 4 \, x^5 + x^7 \right) \right. \\ \left. \right\} \\ \left. + \, \left(3 \, x^4 - x^6 \right) \right. \\ \left. + \, \left(3 \,$$

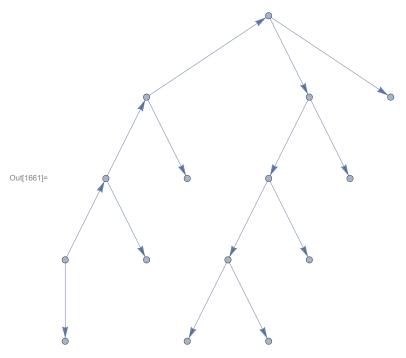


$$\text{Out} [1651] = \left. \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^4 \, \, x^5 \, + \, G^3 \, \, \left(x^4 \, - \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G \, \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \, \left(\, 2 \, \, x^3 \, - \, 2 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^2 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, - \, 3 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 2 \, x^4 \, + \, x^4 \, + \, x^6 \, \right) \right. \\ \left. \left(\, -$$

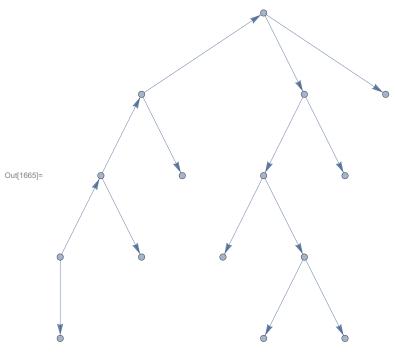




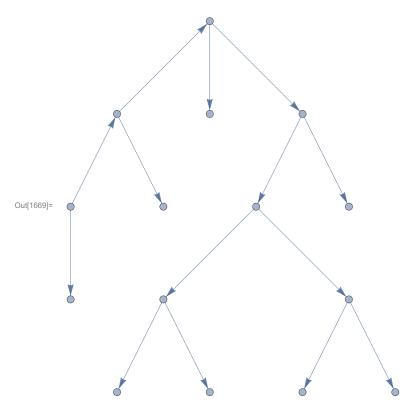
$$\text{Out[1659]= } \left\{ -\,x\,+\,x^{3}\,-\,G^{5}\,\,x^{6}\,+\,G\,\,\left(\,1\,-\,2\,\,x^{2}\,+\,x^{4}\,\right)\,\,+\,G^{2}\,\,\left(\,-\,x^{3}\,+\,x^{5}\,\right)\,\,+\,G^{3}\,\,\left(\,-\,x^{4}\,+\,x^{6}\,\right)\,\,+\,G^{4}\,\,\left(\,-\,x^{5}\,+\,x^{7}\,\right)\,\right\}$$



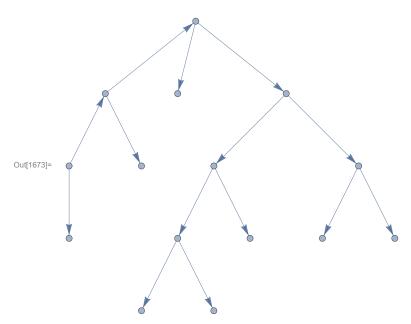
$$\text{Out} [1663] = \left. \left\{ -\,G^5\,\,x^4\,+\,x^5\,+\,G^4\,\, \left(-\,x^3\,+\,3\,\,x^5 \right) \right. \\ \left. +\,G^3\,\, \left(1\,-\,4\,\,x^2\,+\,3\,\,x^4\,-\,3\,\,x^6 \right) \right. \\ \left. +\,G\,\, \left(-\,4\,\,x^4\,+\,x^6 \right) \right. \\ \left. +\,G^2\,\, \left(-\,x\,+\,6\,\,x^3\,-\,3\,\,x^5\,+\,x^7 \right) \right. \\ \left. \left. +\,G^2\,\,\left(-\,x\,+\,6\,\,x^3\,+\,3\,\,x^5 \right) \right. \\ \left. \left(-\,x\,+\,2\,\,x^5 \right) \right. \\ \left. \left(-\,x\,+\,2\,\,x^5 \right) \right. \\ \left. \left(-\,x\,+\,2\,\,x^5 \right) \right. \\ \left. \left(-\,x\,+\,2\,x^5 \right) \right.$$



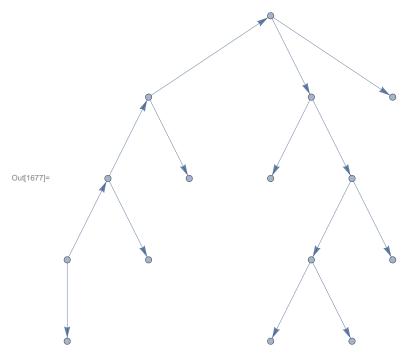
$$\text{Out} [1667] = \left. \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 2 \, \, x^5 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, 2 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. +$$



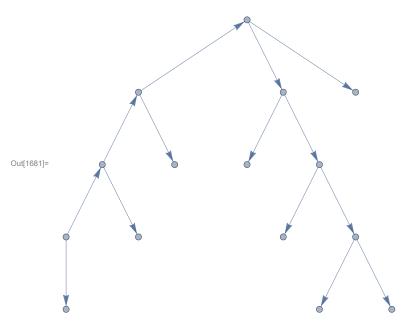
$$\text{Out} [\text{1671}] = \left. \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 2 \, \, x^5 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, 2 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left. \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left. \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left. \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left(\, - \, 1 \, + \, 3 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. \left($$



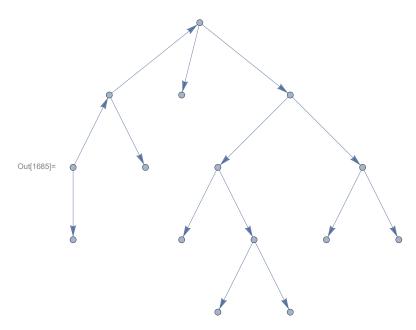
$$\text{Out} [\text{1675}] = \left. \left\{ \, x^4 \, + \, G^5 \, \, x^5 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 2 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^3 \, - \, 2 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^3 \, - \, 2 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, \, x^6 \, + \, x^7 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, \, x^6 \, + \, x^7 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, \, x^6 \, + \, x^7 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, \, x^6 \, + \, x^7 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, \, x^6 \, + \, x^7 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, \, x^6 \, + \, x^7 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, \, x^6 \, + \, x^7 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, \, x^6 \, + \, x^7 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, \, x^6 \, + \, x^7 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, \, x^6 \, + \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, \, x^6 \, + \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, \, x^6 \, + \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, x^4 \, + \, x^7 \, + \, x^7 \, + \, x^7 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, x^4 \, + \, x^7 \, +$$



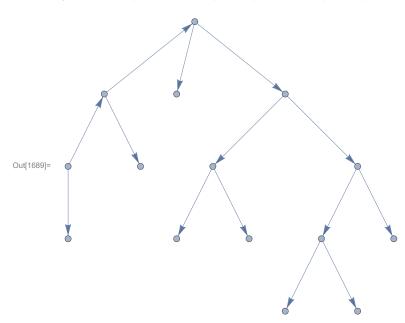
$$\text{Out} [1679] = \left. \left\{ \, x^4 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, 2 \, \, x^5 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 4 \, \, x^4 \, + \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, 2 \, \, x^3 \, - \, 3 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, x^6 \, \right) \right. \\ \left. +$$



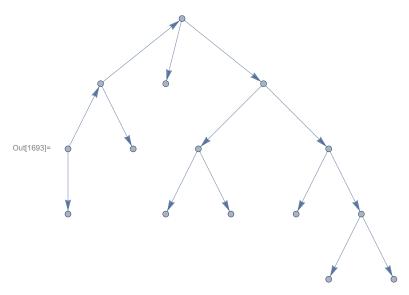
$$\text{Out} [\text{1683}] = \left. \left\{ -\,x \,+\, x^3 \,+\, G^4 \,\, x^7 \,+\, G \,\, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \\ \left. +\, G^2 \,\, \left(-\,2\,\, x^3 \,+\, 3\,\, x^5 \right) \right. \\ \left. +\, G^3 \,\, \left(-\,2\,\, x^4 \,+\, 2\,\, x^6 \right) \right. \\ \left. \left. \right\} \right. \\ \left. \left(-\,2\,\, x^4 \,+\, 2\,\, x^6 \right) \right. \\ \left. \left$$



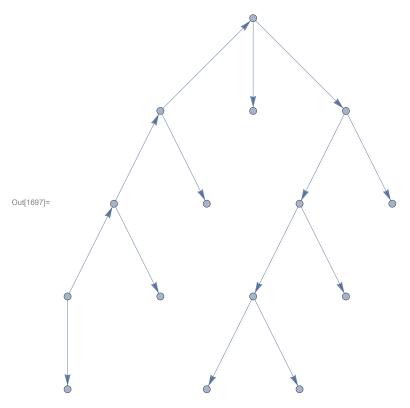
$$\text{Out} [\text{1687}] = \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \,+\, G^2 \, \left(-\,2\,\, x^3 \,+\, 2\,\, x^5 \right) \,+\, G^3 \, \left(-\,x^4 \,+\, 2\,\, x^6 \right) \,+\, G^4 \, \left(-\,x^5 \,+\, x^7 \right) \, \right\} \right\} = \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \,+\, G^2 \, \left(-\,2\,\, x^3 \,+\, 2\,\, x^5 \right) \,+\, G^3 \, \left(-\,x^4 \,+\, 2\,\, x^6 \right) \,+\, G^4 \, \left(-\,x^5 \,+\, x^7 \right) \, \right\} \right\} = \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \,+\, G^2 \, \left(-\,2\,\, x^3 \,+\, 2\,\, x^5 \right) \,+\, G^3 \, \left(-\,x^4 \,+\, 2\,\, x^6 \right) \,+\, G^4 \, \left(-\,x^5 \,+\, x^7 \right) \, \right\} \right.$$



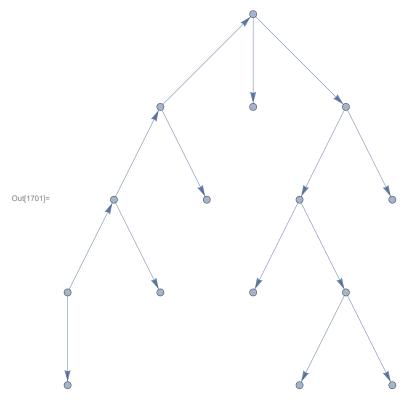
$$\text{Out[1691]= } \left\{ \, x \, - \, x^3 \, + \, x^5 \, + \, G^4 \, \, x^5 \, + \, G^3 \, \, \left(\, x^4 \, - \, 2 \, \, x^6 \, \right) \, + \, G \, \, \left(\, - \, 1 \, + \, 2 \, \, x^2 \, - \, 3 \, \, x^4 \, + \, x^6 \, \right) \, + \, G^2 \, \, \left(\, 2 \, \, x^3 \, - \, 2 \, \, x^5 \, + \, x^7 \, \right) \, \right\}$$



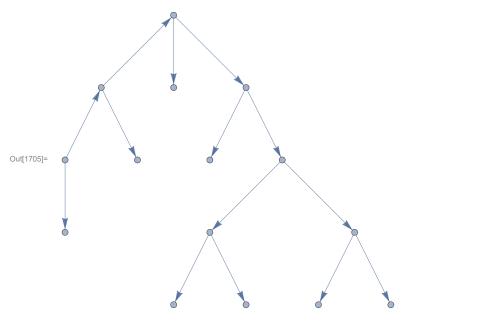
$$\text{Out[1695]= } \left\{ -\,x\,+\,x^3\,-\,G^5\,\,x^6\,+\,G\,\,\left(\,1\,-\,2\,\,x^2\,+\,x^4\,\right)\,+\,G^2\,\,\left(\,-\,x^3\,+\,x^5\,\right)\,\,+\,G^3\,\,\left(\,-\,x^4\,+\,x^6\,\right)\,\,+\,G^4\,\,\left(\,-\,x^5\,+\,x^7\,\right)\,\right\}$$



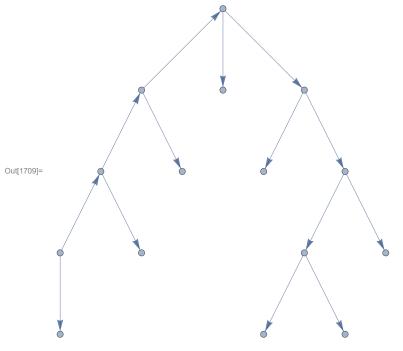
$$\text{Out} [\text{1699}] = \left. \left\{ \, x^4 \, + \, G^5 \, \, x^5 \, + \, G \, \left(\, x \, - \, 3 \, \, x^3 \, + \, x^5 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, \, x^2 \, - \, 2 \, \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^3 \, - \, 2 \, \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^2 \, \left(\, - \, 1 \, + \, 3 \, x^2 \, - \, 2 \, x^4 \, + \, x^6 \, \right) \right. \\ \left. + \, G^3 \, \left(\, x^3 \, - \, 2 \, x^5 \, + \, x^7 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4 \, - \, 2 \, x^6 \, \right) \right. \\ \left. + \, G^4 \, \left(\, x^4$$



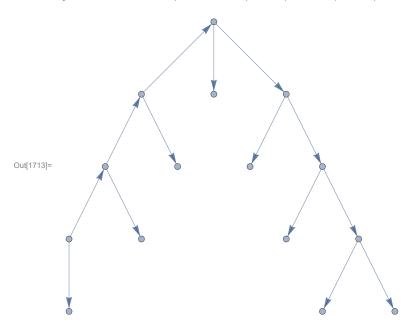
$$\text{Out} [\text{1703}] = \left. \left\{ -\,x \,+\, x^3 \,+\, G \, \left(1 \,-\, 2\,\, x^2 \,+\, 2\,\, x^4 \right) \right. \\ \left. +\, G^2 \, \left(-\,2\,\, x^3 \,+\, 2\,\, x^5 \right) \right. \\ \left. +\, G^3 \, \left(-\,x^4 \,+\, 2\,\, x^6 \right) \right. \\ \left. +\, G^4 \, \left(-\,x^5 \,+\, x^7 \right) \right. \\ \left. \left(-\,x^4 \,+\, 2\,\, x^6 \right) \right. \\ \left. \left(-\,x^4 \,+\, 2\,\, x^6 \right) \right. \\ \left. \left(-\,x^4 \,+\, 2\,\, x^6 \right) \right. \\ \left. \left(-\,x^5 \,+\, x^7 \right) \right. \\ \left. \left(-\,x^4 \,+\, 2\,\, x^6 \right) \right. \\ \left. \left(-\,x^5 \,+\, x^7 \right) \right. \\ \left.$$



$$\text{Out} [\text{1707}] = \left. \left\{ -\,x \,+\, x^3 \,-\, G^5 \,\, x^6 \,+\, G \,\, \left(1 \,-\, 2\,\, x^2 \,+\, x^4 \right) \,\,+\, G^2 \,\, \left(-\,x^3 \,+\, x^5 \right) \,\,+\, G^3 \,\, \left(-\,x^4 \,+\, x^6 \right) \,\,+\, G^4 \,\, \left(-\,x^5 \,+\, x^7 \right) \,\right\} \right\} = \left. \left\{ -\,x \,+\, x^3 \,-\, G^5 \,\, x^6 \,+\, G \,\, \left(1 \,-\, 2\,\, x^2 \,+\, x^4 \right) \,+\, G^2 \,\, \left(-\,x^3 \,+\, x^5 \right) \,\,+\, G^3 \,\, \left(-\,x^4 \,+\, x^6 \right) \,\,+\, G^4 \,\, \left(-\,x^5 \,+\, x^7 \right) \,\right\} \right\} = \left. \left\{ -\,x \,+\, x^3 \,-\, G^5 \,\, x^6 \,+\, G \,\, \left(1 \,-\, 2\,\, x^2 \,+\, x^4 \right) \,+\, G^2 \,\, \left(-\,x^3 \,+\, x^5 \right) \,+\, G^3 \,\, \left(-\,x^4 \,+\, x^6 \right) \,+\, G^4 \,\, \left(-\,x^5 \,+\, x^7 \right) \,\right\} \right.$$



$$\text{Out} [\text{1711}] = \left. \left\{ -x + x^3 - G^5 \ x^6 + G \ \left(1 - 2 \ x^2 + x^4 \right) \right. \\ \left. + G^2 \ \left(-x^3 + x^5 \right) \right. \\ \left. + G^3 \ \left(-x^4 + x^6 \right) \right. \\ \left. + G^4 \ \left(-x^5 + x^7 \right) \right. \\ \left. \right\} \right. \\ \left. \left. \left(-x^4 + x^6 \right) \right. \\ \left. \left(-x^5 + x^7 \right) \right. \\$$



$$\text{Out} [\text{1715}] = \; \left\{ \, x \, + \, G^2 \, \, x^3 \, + \, G^3 \, \, x^4 \, + \, G^4 \, \, x^5 \, + \, G^5 \, \, x^6 \, + \, G^6 \, \, x^7 \, + \, G \, \, \left(- \, 1 \, + \, x^2 \, \right) \, \right\}$$