Anharmonic Group Elements as Generated by Machine

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Typed in by hand		**Computed by machine**
H_4	$=$	$\lambda\cdot(0.25)\cdot(B^4+A^4)+\lambda\cdot(B^3A+BA^3)$
		$+\lambda\cdot(1.5)\cdot(B^2+A^2)+\lambda\cdot(1.5)\cdot B^2A^2$
		$+\lambda\cdot(3)\cdot BA+\lambda\cdot(0.75)$
$[H_0,H_4]$	$=$	$[B\cdot A,\lambda\cdot(\frac{A+B}{\sqrt{2}})^4]$
	$=$	$\lambda\cdot(B^4-A^4)+\lambda\cdot(2)\cdot(B^3A-BA^3)+\lambda\cdot(3)\cdot(B^2-A^2)$
$[H_0,X]$	$=$	$(4*a_8)\cdot(B^4+A^4)+(4*a_5)\cdot(B^4-A^4)+(2*a_9)\cdot(B^3A+BA^3)+(2*a_6)\cdot(B$
		$+(2*a_10)\cdot(B^2+A^2)+(2*a_7)\cdot(B^2-A^2)$