Detailed Knot Tables for the Solid Torus and Lens Spaces

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$L(11,3)$ $L(p,q)$, $p \geq 12$

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The Solid Torus

$L(2,1)$ $L(3,1)$ $L(4,1)$ $L(5,1)$ $L(5,2)$ $L(6,1)$ $L(7,1)$ $L(7,2)$

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$L(11,3)$ $L(p,q)$, $p \geq 12$

3. HOMFLYPT Skein Modules

The Solid Torus

$L(2,1)$ $L(3,1)$ $L(4,1)$ $L(5,1)$ $L(6,1)$ $L(7,1)$ $L(8,1)$ $L(9,1)$ $L(10,1)$

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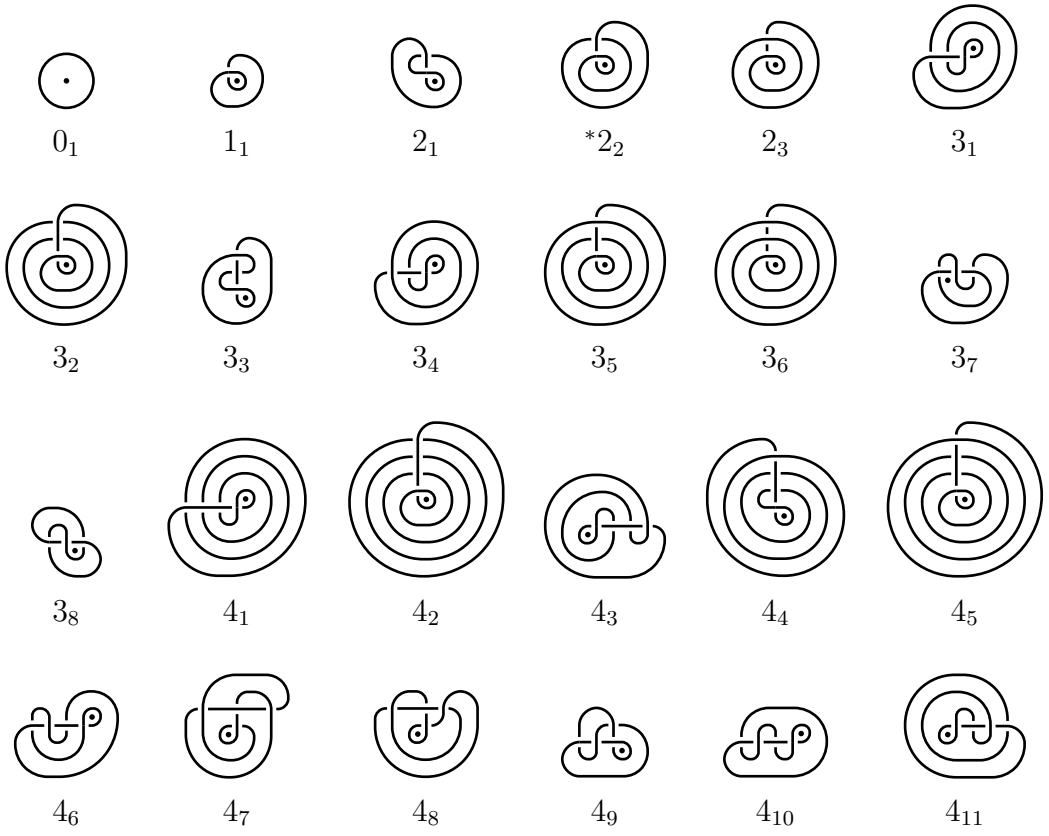
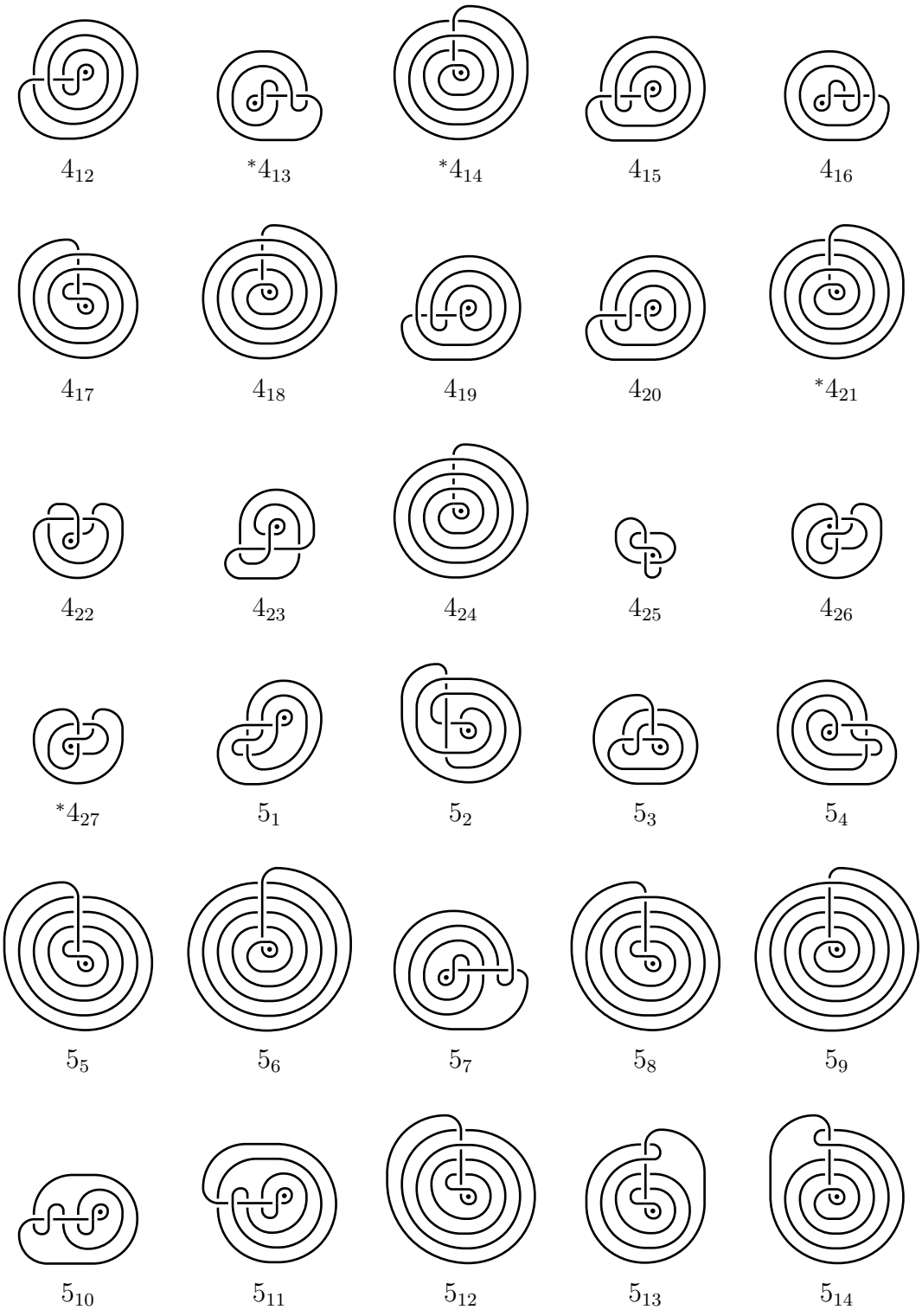
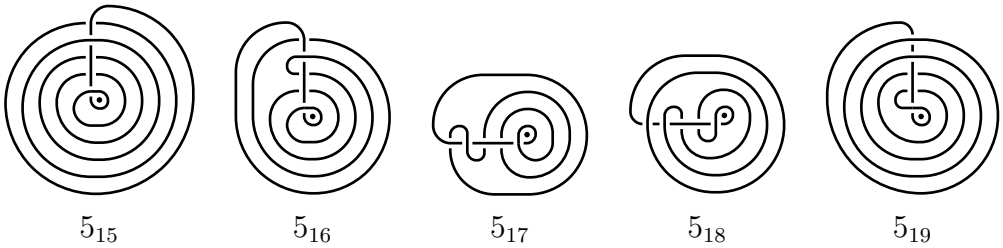
1 Knot Tables

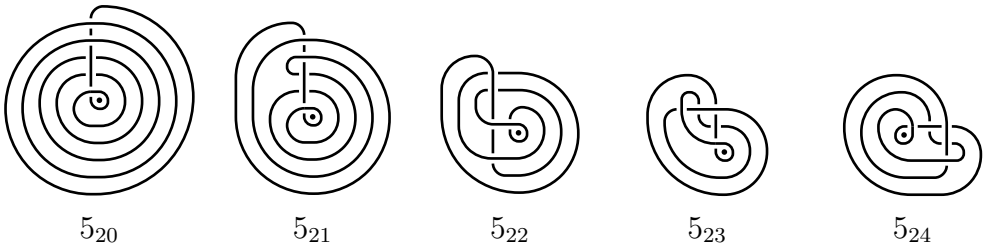
1.1 Knots in the Solid Torus



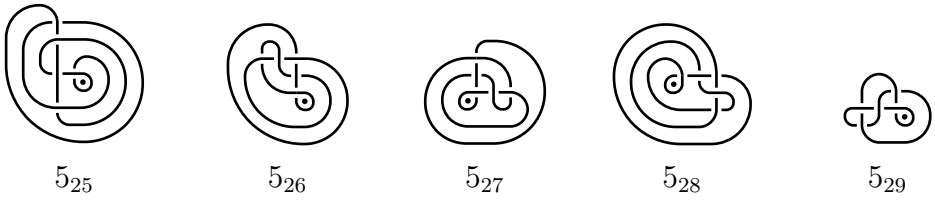

4_{12}
$^*4_{13}$
$^*4_{14}$
4_{15}
4_{16}
4_{17}
4_{18}
4_{19}
4_{20}
$^*4_{21}$
4_{22}
4_{23}
4_{24}
4_{25}
4_{26}
$^*4_{27}$
5_1
5_2
5_3
5_4
5_5
5_6
5_7
5_8
5_9
5_{10}
5_{11}
5_{12}
5_{13}
5_{14}



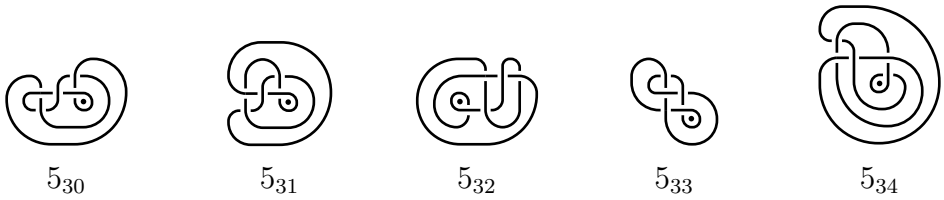
5_{15} 5_{16} 5_{17} 5_{18} 5_{19}



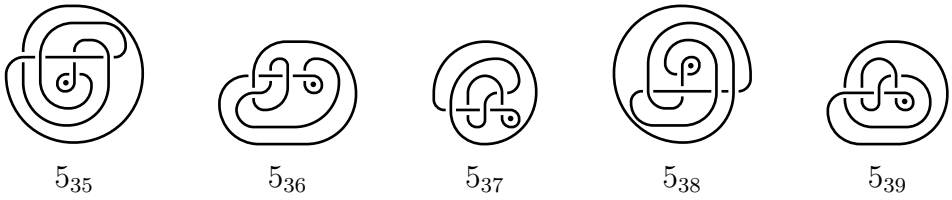
5_{20} 5_{21} 5_{22} 5_{23} 5_{24}



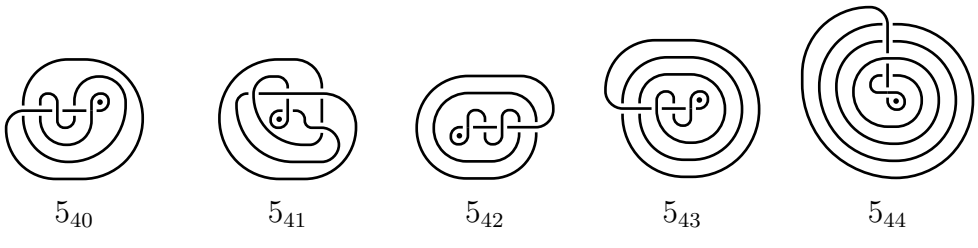
5_{25} 5_{26} 5_{27} 5_{28} 5_{29}



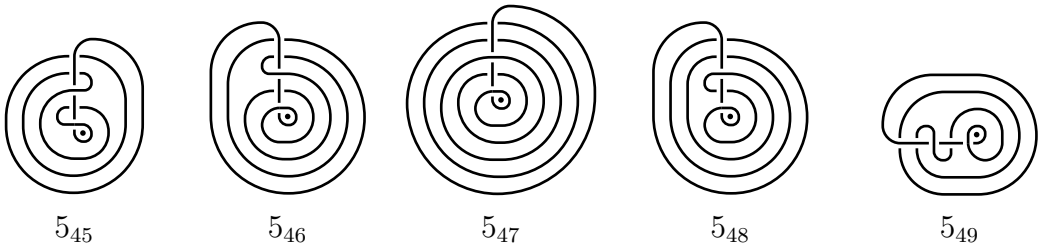
5_{30} 5_{31} 5_{32} 5_{33} 5_{34}



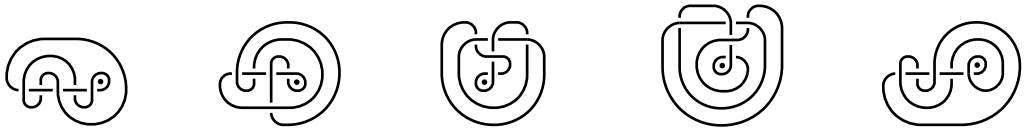
5_{35} 5_{36} 5_{37} 5_{38} 5_{39}



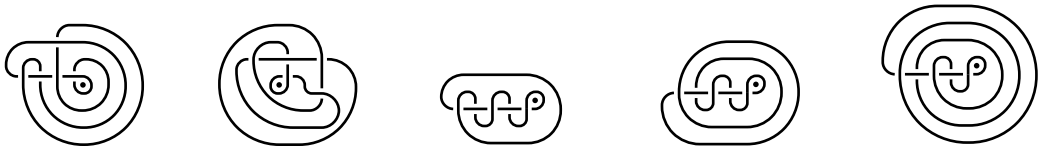
5_{40} 5_{41} 5_{42} 5_{43} 5_{44}



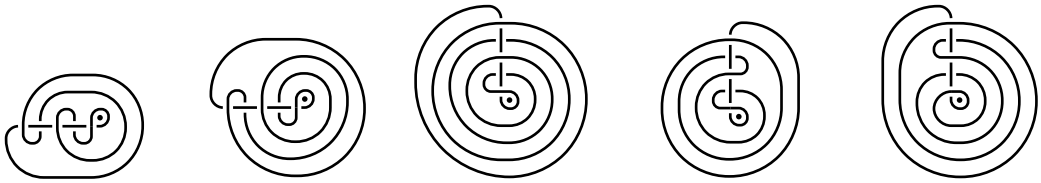
5_{45} 5_{46} 5_{47} 5_{48} 5_{49}



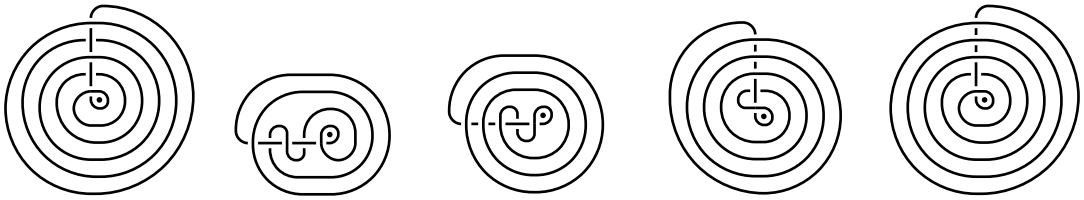
5_{50} 5_{51} 5_{52} 5_{53} 5_{54}



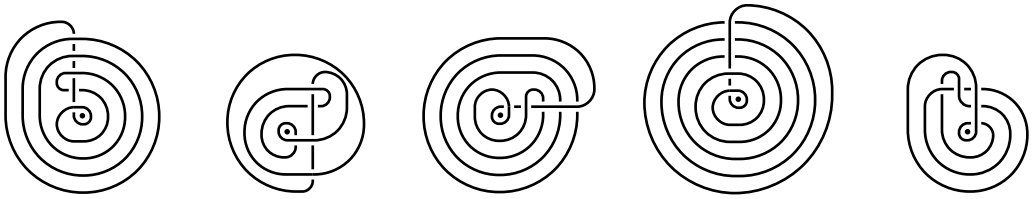
5_{55} 5_{56} 5_{57} 5_{58} 5_{59}



5_{60} 5_{61} 5_{62} 5_{63} 5_{64}



5_{65} 5_{66} 5_{67} 5_{68} 5_{69}



5_{70} 5_{71} 5_{72} 5_{73} 5_{74}

$*$ – amphichiral knot

1.2 Knots in $L(2,1)$

#	Knots															
$\leq$ **2**	0_1	$\overline{1_1}$	2_1	$\overline{2_1}$	2_2	$\overline{2_3}$										
3	3_1	$\overline{3_1}$	3_2	$\overline{3_2}$	3_3	$\overline{3_3}$	3_4	$\overline{3_4}$	3_5	$\overline{3_5}$	$\overline{3_6}$	3_8				
4	$\overline{4_1}$	4_2	$\overline{4_2}$	4_3	$\overline{4_3}$	4_4	$\overline{4_4}$	4_5	$\overline{4_5}$	4_6	$\overline{4_6}$	4_7	$\overline{4_7}$	4_8	$\overline{4_8}$	4_9
	$\overline{4_9}$	4_{10}	$\overline{4_{10}}$	4_{11}	$\overline{4_{11}}$	4_{12}	$\overline{4_{12}}$	4_{13}	4_{14}	4_{15}	$\overline{4_{15}}$	$\overline{4_{16}}$	4_{17}	$\overline{4_{17}}$	4_{18}	$\overline{4_{18}}$
	4_{19}	$\overline{4_{19}}$	4_{20}	$\overline{4_{20}}$	4_{21}	$\overline{4_{23}}$	$\overline{4_{24}}$	$\overline{4_{26}}$								
5	5_1	$\overline{5_1}$	5_2	$\overline{5_3}$	5_4	$\overline{5_5}$	5_6	$\overline{5_6}$	5_7	$\overline{5_7}$	5_8	$\overline{5_8}$	5_9	$\overline{5_9}$	5_{10}	$\overline{5_{10}}$
	5_{11}	$\overline{5_{11}}$	5_{12}	$\overline{5_{12}}$	5_{13}	$\overline{5_{13}}$	5_{14}	$\overline{5_{14}}$	5_{15}	$\overline{5_{15}}$	5_{16}	$\overline{5_{16}}$	5_{17}	$\overline{5_{17}}$	5_{18}	$\overline{5_{18}}$
	5_{19}	$\overline{5_{19}}$	5_{20}	$\overline{5_{20}}$	5_{21}	$\overline{5_{21}}$	5_{22}	$\overline{5_{22}}$	$\overline{5_{23}}$	$\overline{5_{24}}$	5_{25}	$\overline{5_{25}}$	5_{26}	$\overline{5_{26}}$	5_{27}	$\overline{5_{27}}$
	5_{28}	$\overline{5_{28}}$	5_{29}	$\overline{5_{29}}$	5_{30}	$\overline{5_{30}}$	5_{31}	$\overline{5_{31}}$	5_{32}	$\overline{5_{32}}$	5_{33}	$\overline{5_{33}}$	5_{34}	$\overline{5_{34}}$	5_{35}	$\overline{5_{35}}$
	5_{36}	$\overline{5_{36}}$	5_{37}	$\overline{5_{37}}$	5_{38}	$\overline{5_{39}}$	5_{40}	$\overline{5_{40}}$	5_{41}	$\overline{5_{42}}$	5_{43}	$\overline{5_{43}}$	5_{44}	$\overline{5_{44}}$	5_{45}	$\overline{5_{45}}$
	5_{46}	$\overline{5_{46}}$	5_{47}	$\overline{5_{47}}$	5_{48}	$\overline{5_{48}}$	5_{49}	$\overline{5_{49}}$	5_{50}	$\overline{5_{50}}$	5_{51}	$\overline{5_{52}}$	$\overline{5_{52}}$	5_{53}	$\overline{5_{53}}$	$\overline{5_{54}}$
	5_{55}	$\overline{5_{55}}$	5_{56}	$\overline{5_{56}}$	5_{57}	$\overline{5_{57}}$	5_{58}	$\overline{5_{58}}$	5_{59}	$\overline{5_{59}}$	5_{60}	$\overline{5_{60}}$	5_{61}	$\overline{5_{61}}$	5_{62}	$\overline{5_{62}}$
	5_{63}	$\overline{5_{63}}$	5_{64}	$\overline{5_{64}}$	5_{65}	$\overline{5_{65}}$	5_{66}	$\overline{5_{66}}$	$\overline{5_{67}}$	5_{68}	$\overline{5_{68}}$	5_{69}	$\overline{5_{69}}$	5_{70}	$\overline{5_{70}}$	$\overline{5_{71}}$
	5_{72}	$\overline{5_{72}}$	5_{73}	$\overline{5_{73}}$	$\overline{5_{75}}$	$\overline{5_{76}}$	$\overline{5_{77}}$	5_{79}	$\overline{5_{79}}$	5_{80}	$\overline{5_{80}}$	$\overline{5_{81}}$	5_{82}	$\overline{5_{82}}$	5_{83}	$\overline{5_{83}}$
	5_{84}	$\overline{5_{84}}$	$\overline{5_{85}}$	5_{86}	$\overline{5_{86}}$	$\overline{5_{88}}$	$\overline{5_{89}}$	5_{90}	5_{92}	5_{94}	5_{95}					

1.3 Knots in $L(3,1)$

#	Knots															
$\leq$ **2**	0_1	$\overline{1_1}$	2_1	$\overline{2_1}$	2_2	$\overline{2_3}$										
3	3_1	$\overline{3_1}$	3_2	$\overline{3_2}$	3_3	$\overline{3_3}$	3_4	$\overline{3_4}$	3_5	$\overline{3_5}$	$\overline{3_6}$	$\overline{3_7}$	3_8			
4	4_1	$\overline{4_1}$	4_2	4_3	$\overline{4_3}$	4_4	$\overline{4_4}$	4_5	$\overline{4_5}$	4_6	$\overline{4_6}$	4_7	$\overline{4_7}$	4_8	$\overline{4_8}$	$\overline{4_9}$
	4_{10}	$\overline{4_{10}}$	4_{11}	$\overline{4_{11}}$	4_{12}	$\overline{4_{12}}$	4_{13}	4_{14}	4_{15}	$\overline{4_{15}}$	4_{16}	$\overline{4_{16}}$	4_{17}	$\overline{4_{17}}$	4_{18}	$\overline{4_{18}}$
	4_{19}	$\overline{4_{19}}$	$\overline{4_{20}}$	4_{21}	$\overline{4_{22}}$	$\overline{4_{23}}$	$\overline{4_{24}}$	$\overline{4_{25}}$	$\overline{4_{26}}$	4_{27}						
5	5_1	$\overline{5_1}$	5_2	5_3	$\overline{5_3}$	5_4	$\overline{5_5}$	5_6	5_7	$\overline{5_7}$	5_8	$\overline{5_8}$	5_9	$\overline{5_9}$	5_{10}	$\overline{5_{10}}$
	5_{11}	$\overline{5_{11}}$	5_{12}	$\overline{5_{12}}$	5_{13}	$\overline{5_{13}}$	5_{14}	$\overline{5_{14}}$	5_{15}	$\overline{5_{15}}$	5_{16}	$\overline{5_{16}}$	5_{17}	$\overline{5_{17}}$	5_{18}	$\overline{5_{18}}$
	5_{19}	$\overline{5_{19}}$	5_{20}	$\overline{5_{20}}$	5_{21}	$\overline{5_{21}}$	5_{22}	$\overline{5_{22}}$	5_{23}	$\overline{5_{23}}$	$\overline{5_{24}}$	5_{25}	$\overline{5_{25}}$	5_{26}	$\overline{5_{26}}$	5_{27}
	$\overline{5_{27}}$	5_{28}	$\overline{5_{28}}$	$\overline{5_{29}}$	5_{30}	$\overline{5_{30}}$	5_{31}	$\overline{5_{31}}$	5_{32}	$\overline{5_{32}}$	$\overline{5_{33}}$	5_{34}	$\overline{5_{34}}$	5_{35}	$\overline{5_{35}}$	5_{36}
	$\overline{5_{36}}$	5_{37}	$\overline{5_{37}}$	5_{38}	5_{39}	$\overline{5_{39}}$	5_{40}	$\overline{5_{40}}$	5_{41}	5_{42}	$\overline{5_{42}}$	5_{43}	$\overline{5_{43}}$	5_{44}	$\overline{5_{44}}$	5_{45}
	$\overline{5_{45}}$	5_{46}	$\overline{5_{46}}$	5_{47}	$\overline{5_{47}}$	5_{48}	$\overline{5_{48}}$	5_{49}	$\overline{5_{49}}$	5_{50}	$\overline{5_{50}}$	5_{51}	$\overline{5_{51}}$	5_{52}	$\overline{5_{52}}$	5_{53}
	$\overline{5_{53}}$	5_{54}	$\overline{5_{54}}$	$\overline{5_{55}}$	5_{56}	$\overline{5_{56}}$	5_{57}	$\overline{5_{57}}$	5_{58}	$\overline{5_{58}}$	5_{59}	$\overline{5_{59}}$	5_{60}	$\overline{5_{60}}$	5_{61}	$\overline{5_{61}}$
	5_{62}	$\overline{5_{62}}$	5_{63}	$\overline{5_{63}}$	5_{64}	$\overline{5_{64}}$	5_{65}	$\overline{5_{65}}$	5_{66}	$\overline{5_{66}}$	$\overline{5_{67}}$	5_{68}	5_{69}	$\overline{5_{69}}$	5_{70}	$\overline{5_{70}}$
	$\overline{5_{71}}$	5_{72}	$\overline{5_{72}}$	5_{73}	$\overline{5_{73}}$	$\overline{5_{74}}$	$\overline{5_{75}}$	$\overline{5_{76}}$	$\overline{5_{77}}$	$\overline{5_{78}}$	5_{79}	$\overline{5_{79}}$	5_{80}	$\overline{5_{80}}$	$\overline{5_{81}}$	$\overline{5_{82}}$
	5_{83}	$\overline{5_{83}}$	5_{84}	$\overline{5_{84}}$	$\overline{5_{85}}$	5_{86}	$\overline{5_{86}}$	$\overline{5_{87}}$	$\overline{5_{88}}$	5_{89}	$\overline{5_{89}}$	5_{90}	5_{91}	5_{92}	$\overline{5_{92}}$	$\overline{5_{93}}$
	5_{94}	5_{95}	$\overline{5_{95}}$													

1.4 Knots in $L(4,1)$

#	Knots															
$\leq$ **2**	0_1	1_1	$\overline{1_1}$	2_1	$\overline{2_1}$	2_2	$\overline{2_3}$									
3	3_1	$\overline{3_1}$	3_2	$\overline{3_2}$	3_3	$\overline{3_3}$	3_4	$\overline{3_4}$	3_5	$\overline{3_5}$	$\overline{3_6}$	3_7	$\overline{3_7}$	3_8		
4	$\overline{4_1}$	4_2	$\overline{4_2}$	4_3	$\overline{4_3}$	4_4	$\overline{4_4}$	4_5	$\overline{4_5}$	4_6	$\overline{4_6}$	4_7	$\overline{4_7}$	4_8	$\overline{4_8}$	4_9
	$\overline{4_9}$	4_{10}	$\overline{4_{10}}$	4_{11}	$\overline{4_{11}}$	4_{12}	$\overline{4_{12}}$	4_{13}	4_{14}	4_{15}	$\overline{4_{15}}$	4_{16}	$\overline{4_{16}}$	4_{17}	$\overline{4_{17}}$	4_{18}
	$\overline{4_{18}}$	4_{19}	$\overline{4_{19}}$	4_{20}	$\overline{4_{20}}$	4_{21}	$\overline{4_{22}}$	$\overline{4_{23}}$	$\overline{4_{24}}$	4_{25}	$\overline{4_{25}}$	$\overline{4_{26}}$	4_{27}			
5	5_1	$\overline{5_1}$	5_2	$\overline{5_2}$	5_3	$\overline{5_3}$	5_4	$\overline{5_4}$	5_5	$\overline{5_5}$	5_6	5_7	$\overline{5_7}$	5_8	$\overline{5_8}$	5_9
	$\overline{5_9}$	5_{10}	$\overline{5_{10}}$	5_{11}	$\overline{5_{11}}$	5_{12}	$\overline{5_{12}}$	5_{13}	$\overline{5_{13}}$	5_{14}	$\overline{5_{14}}$	5_{15}	$\overline{5_{15}}$	5_{16}	$\overline{5_{16}}$	5_{17}
	$\overline{5_{17}}$	5_{18}	$\overline{5_{18}}$	5_{19}	$\overline{5_{19}}$	5_{20}	$\overline{5_{20}}$	5_{21}	$\overline{5_{21}}$	5_{22}	$\overline{5_{22}}$	5_{23}	$\overline{5_{23}}$	5_{24}	$\overline{5_{24}}$	5_{25}
	$\overline{5_{25}}$	5_{26}	$\overline{5_{26}}$	5_{27}	$\overline{5_{27}}$	5_{28}	$\overline{5_{28}}$	5_{29}	$\overline{5_{29}}$	5_{30}	$\overline{5_{30}}$	5_{31}	$\overline{5_{31}}$	5_{32}	$\overline{5_{32}}$	5_{33}
	$\overline{5_{33}}$	5_{34}	$\overline{5_{34}}$	5_{35}	$\overline{5_{35}}$	5_{36}	$\overline{5_{36}}$	5_{37}	$\overline{5_{37}}$	5_{38}	$\overline{5_{38}}$	$\overline{5_{39}}$	5_{40}	$\overline{5_{40}}$	5_{41}	$\overline{5_{41}}$
	5_{42}	$\overline{5_{42}}$	5_{43}	$\overline{5_{43}}$	5_{44}	$\overline{5_{44}}$	5_{45}	$\overline{5_{45}}$	5_{46}	$\overline{5_{46}}$	5_{47}	$\overline{5_{47}}$	5_{48}	$\overline{5_{48}}$	5_{49}	$\overline{5_{49}}$
	5_{50}	$\overline{5_{50}}$	5_{51}	$\overline{5_{51}}$	5_{52}	$\overline{5_{52}}$	5_{53}	$\overline{5_{53}}$	5_{54}	$\overline{5_{54}}$	5_{55}	$\overline{5_{55}}$	5_{56}	$\overline{5_{56}}$	5_{57}	$\overline{5_{57}}$
	5_{58}	$\overline{5_{58}}$	5_{59}	$\overline{5_{59}}$	5_{60}	$\overline{5_{60}}$	5_{61}	$\overline{5_{61}}$	5_{62}	$\overline{5_{62}}$	5_{63}	$\overline{5_{63}}$	5_{64}	$\overline{5_{64}}$	5_{65}	$\overline{5_{65}}$
	5_{66}	$\overline{5_{66}}$	$\overline{5_{67}}$	5_{68}	$\overline{5_{68}}$	5_{69}	$\overline{5_{69}}$	5_{70}	$\overline{5_{70}}$	$\overline{5_{71}}$	$\overline{5_{72}}$	5_{73}	$\overline{5_{73}}$	$\overline{5_{74}}$	$\overline{5_{75}}$	$\overline{5_{76}}$
	$\overline{5_{77}}$	$\overline{5_{78}}$	5_{79}	$\overline{5_{79}}$	5_{80}	$\overline{5_{80}}$	5_{81}	$\overline{5_{81}}$	5_{82}	$\overline{5_{82}}$	5_{83}	$\overline{5_{83}}$	5_{84}	$\overline{5_{84}}$	5_{85}	5_{86}
	$\overline{5_{86}}$	5_{87}	$\overline{5_{87}}$	$\overline{5_{88}}$	5_{89}	$\overline{5_{89}}$	5_{90}	5_{91}	$\overline{5_{91}}$	5_{92}	$\overline{5_{92}}$	5_{93}	$\overline{5_{93}}$	5_{94}	5_{95}	$\overline{5_{95}}$

1.5 Knots in $L(5,1)$

#	Knots															
$\leq$ **2**	0_1	1_1	$\overline{1_1}$	2_1	$\overline{2_1}$	2_2	$\overline{2_3}$									
3	3_1	$\overline{3_1}$	3_2	$\overline{3_2}$	3_3	$\overline{3_3}$	3_4	$\overline{3_4}$	3_5	$\overline{3_5}$	$\overline{3_6}$	3_7	$\overline{3_7}$	3_8	$\overline{3_8}$	
4	4_1	$\overline{4_1}$	4_2	4_3	$\overline{4_3}$	4_4	$\overline{4_4}$	4_5	$\overline{4_5}$	4_6	$\overline{4_6}$	4_7	$\overline{4_7}$	4_8	$\overline{4_8}$	4_9
	$\overline{4_9}$	4_{10}	$\overline{4_{10}}$	4_{11}	$\overline{4_{11}}$	4_{12}	$\overline{4_{12}}$	4_{13}	4_{14}	4_{15}	$\overline{4_{15}}$	4_{16}	$\overline{4_{16}}$	4_{17}	$\overline{4_{17}}$	4_{18}
	$\overline{4_{18}}$	4_{19}	$\overline{4_{19}}$	4_{20}	$\overline{4_{20}}$	4_{21}	$\overline{4_{22}}$	$\overline{4_{23}}$	$\overline{4_{24}}$	4_{25}	$\overline{4_{25}}$	4_{26}	$\overline{4_{26}}$	4_{27}		
5	5_1	$\overline{5_1}$	5_2	$\overline{5_2}$	5_3	$\overline{5_3}$	5_4	$\overline{5_4}$	$\overline{5_5}$	5_6	$\overline{5_6}$	5_7	$\overline{5_7}$	5_8	$\overline{5_8}$	5_9
	$\overline{5_9}$	5_{10}	$\overline{5_{10}}$	5_{11}	$\overline{5_{11}}$	5_{12}	$\overline{5_{12}}$	5_{13}	$\overline{5_{13}}$	5_{14}	$\overline{5_{14}}$	5_{15}	$\overline{5_{15}}$	5_{16}	$\overline{5_{16}}$	5_{17}
	$\overline{5_{17}}$	5_{18}	$\overline{5_{18}}$	5_{19}	$\overline{5_{19}}$	5_{20}	$\overline{5_{20}}$	5_{21}	$\overline{5_{21}}$	5_{22}	$\overline{5_{22}}$	5_{23}	$\overline{5_{23}}$	5_{24}	$\overline{5_{24}}$	5_{25}
	$\overline{5_{25}}$	5_{26}	$\overline{5_{26}}$	5_{27}	$\overline{5_{27}}$	5_{28}	$\overline{5_{28}}$	5_{29}	$\overline{5_{29}}$	5_{30}	$\overline{5_{30}}$	5_{31}	$\overline{5_{31}}$	5_{32}	$\overline{5_{32}}$	5_{33}
	$\overline{5_{33}}$	5_{34}	$\overline{5_{34}}$	5_{35}	$\overline{5_{35}}$	5_{36}	$\overline{5_{36}}$	5_{37}	$\overline{5_{37}}$	5_{38}	$\overline{5_{38}}$	5_{39}	$\overline{5_{39}}$	5_{40}	$\overline{5_{40}}$	5_{41}
	$\overline{5_{41}}$	5_{42}	$\overline{5_{42}}$	5_{43}	$\overline{5_{43}}$	5_{44}	$\overline{5_{44}}$	5_{45}	$\overline{5_{45}}$	5_{46}	$\overline{5_{46}}$	5_{47}	$\overline{5_{47}}$	5_{48}	$\overline{5_{48}}$	5_{49}
	$\overline{5_{49}}$	5_{50}	$\overline{5_{50}}$	5_{51}	$\overline{5_{51}}$	5_{52}	$\overline{5_{52}}$	5_{53}	$\overline{5_{53}}$	5_{54}	$\overline{5_{54}}$	5_{55}	$\overline{5_{55}}$	5_{56}	$\overline{5_{56}}$	5_{57}
	$\overline{5_{57}}$	5_{58}	$\overline{5_{58}}$	5_{59}	$\overline{5_{59}}$	5_{60}	$\overline{5_{60}}$	5_{61}	$\overline{5_{61}}$	5_{62}	$\overline{5_{62}}$	5_{63}	$\overline{5_{63}}$	5_{64}	$\overline{5_{64}}$	5_{65}
	$\overline{5_{65}}$	5_{66}	$\overline{5_{66}}$	5_{67}	$\overline{5_{67}}$	5_{68}	5_{69}	$\overline{5_{69}}$	5_{70}	$\overline{5_{70}}$	5_{71}	$\overline{5_{71}}$	5_{72}	$\overline{5_{72}}$	5_{73}	$\overline{5_{73}}$
	$\overline{5_{74}}$	$\overline{5_{75}}$	$\overline{5_{76}}$	5_{77}	$\overline{5_{77}}$	$\overline{5_{78}}$	5_{79}	$\overline{5_{79}}$	5_{80}	$\overline{5_{80}}$	5_{81}	$\overline{5_{81}}$	5_{82}	$\overline{5_{82}}$	5_{83}	$\overline{5_{83}}$
	5_{84}	$\overline{5_{84}}$	$\overline{5_{85}}$	5_{86}	$\overline{5_{86}}$	5_{87}	$\overline{5_{87}}$	5_{88}	$\overline{5_{88}}$	5_{89}	$\overline{5_{89}}$	5_{90}	$\overline{5_{90}}$	5_{91}	$\overline{5_{91}}$	5_{92}
	$\overline{5_{92}}$	5_{93}	$\overline{5_{93}}$	5_{94}	$\overline{5_{94}}$	5_{95}	$\overline{5_{95}}$									

1.6 Knots in $L(5,2)$

#	Knots															
$\leq$ **2**	0_1	1_1	$\overline{1_1}$	2_1	$\overline{2_1}$	2_2	$\overline{2_3}$									
3	3_1	$\overline{3_1}$	3_2	$\overline{3_2}$	3_3	$\overline{3_3}$	3_4	$\overline{3_4}$	3_5	$\overline{3_5}$	3_6	$\overline{3_6}$	3_7	$\overline{3_7}$	3_8	$\overline{3_8}$
4	4_1	$\overline{4_1}$	4_2	$\overline{4_2}$	4_3	$\overline{4_3}$	4_4	$\overline{4_4}$	4_5	$\overline{4_5}$	4_6	$\overline{4_6}$	4_7	$\overline{4_7}$	4_8	$\overline{4_8}$
	4_9	$\overline{4_9}$	4_{10}	$\overline{4_{10}}$	4_{11}	$\overline{4_{11}}$	4_{12}	$\overline{4_{12}}$	4_{13}	4_{14}	4_{15}	$\overline{4_{15}}$	4_{16}	$\overline{4_{16}}$	4_{17}	$\overline{4_{17}}$
	4_{18}	$\overline{4_{18}}$	4_{19}	$\overline{4_{19}}$	4_{20}	$\overline{4_{20}}$	4_{21}	4_{22}	$\overline{4_{22}}$	$\overline{4_{23}}$	4_{24}	$\overline{4_{24}}$	4_{25}	$\overline{4_{25}}$	4_{26}	$\overline{4_{26}}$
	4_{27}															
5	5_1	$\overline{5_1}$	5_2	$\overline{5_2}$	5_3	$\overline{5_3}$	5_4	$\overline{5_4}$	5_5	$\overline{5_5}$	5_6	$\overline{5_6}$	5_7	$\overline{5_7}$	5_8	$\overline{5_8}$
	5_9	$\overline{5_9}$	5_{10}	$\overline{5_{10}}$	5_{11}	$\overline{5_{11}}$	5_{12}	$\overline{5_{12}}$	5_{13}	$\overline{5_{13}}$	5_{14}	$\overline{5_{14}}$	5_{15}	$\overline{5_{15}}$	5_{16}	$\overline{5_{16}}$
	5_{17}	$\overline{5_{17}}$	5_{18}	$\overline{5_{18}}$	5_{19}	$\overline{5_{19}}$	5_{20}	$\overline{5_{20}}$	5_{21}	$\overline{5_{21}}$	5_{22}	$\overline{5_{22}}$	5_{23}	$\overline{5_{23}}$	5_{24}	$\overline{5_{24}}$
	5_{25}	$\overline{5_{25}}$	5_{26}	$\overline{5_{26}}$	5_{27}	$\overline{5_{27}}$	5_{28}	$\overline{5_{28}}$	5_{29}	$\overline{5_{29}}$	5_{30}	$\overline{5_{30}}$	5_{31}	$\overline{5_{31}}$	5_{32}	$\overline{5_{32}}$
	5_{33}	$\overline{5_{33}}$	5_{34}	$\overline{5_{34}}$	5_{35}	$\overline{5_{35}}$	5_{36}	$\overline{5_{36}}$	5_{37}	$\overline{5_{37}}$	5_{38}	$\overline{5_{38}}$	5_{39}	$\overline{5_{39}}$	5_{40}	$\overline{5_{40}}$
	5_{41}	$\overline{5_{41}}$	5_{42}	$\overline{5_{42}}$	5_{43}	$\overline{5_{43}}$	5_{44}	$\overline{5_{44}}$	5_{45}	$\overline{5_{45}}$	5_{46}	$\overline{5_{46}}$	5_{47}	$\overline{5_{47}}$	5_{48}	$\overline{5_{48}}$
	5_{49}	$\overline{5_{49}}$	5_{50}	$\overline{5_{50}}$	5_{51}	$\overline{5_{51}}$	5_{52}	$\overline{5_{52}}$	5_{53}	$\overline{5_{53}}$	5_{54}	$\overline{5_{54}}$	5_{55}	$\overline{5_{55}}$	5_{56}	$\overline{5_{56}}$
	5_{57}	$\overline{5_{57}}$	5_{58}	$\overline{5_{58}}$	5_{59}	$\overline{5_{59}}$	5_{60}	$\overline{5_{60}}$	5_{61}	$\overline{5_{61}}$	5_{62}	$\overline{5_{62}}$	5_{63}	$\overline{5_{63}}$	5_{64}	$\overline{5_{64}}$
	5_{65}	$\overline{5_{65}}$	5_{66}	$\overline{5_{66}}$	5_{67}	$\overline{5_{67}}$	5_{68}	$\overline{5_{68}}$	5_{69}	$\overline{5_{69}}$	5_{70}	$\overline{5_{70}}$	5_{71}	$\overline{5_{71}}$	5_{72}	$\overline{5_{72}}$
	5_{73}	$\overline{5_{73}}$	$\overline{5_{74}}$	5_{75}	$\overline{5_{75}}$	$\overline{5_{76}}$	5_{77}	$\overline{5_{77}}$	5_{78}	$\overline{5_{78}}$	5_{79}	$\overline{5_{79}}$	5_{80}	$\overline{5_{80}}$	5_{81}	$\overline{5_{81}}$
	5_{82}	$\overline{5_{82}}$	5_{83}	$\overline{5_{83}}$	5_{84}	$\overline{5_{84}}$	5_{85}	$\overline{5_{85}}$	5_{86}	$\overline{5_{86}}$	5_{87}	$\overline{5_{87}}$	5_{88}	$\overline{5_{88}}$	5_{89}	$\overline{5_{89}}$
	5_{90}	$\overline{5_{90}}$	5_{91}	$\overline{5_{91}}$	5_{92}	$\overline{5_{92}}$	5_{93}	$\overline{5_{93}}$	5_{94}	$\overline{5_{94}}$	5_{95}	$\overline{5_{95}}$				

1.7 Knots in $L(6,1)$

#	Knots															
$\leq$ **2**	0_1	1_1	$\overline{1_1}$	2_1	$\overline{2_1}$	2_2	2_3	$\overline{2_3}$								
3	3_1	$\overline{3_1}$	3_2	$\overline{3_2}$	3_3	$\overline{3_3}$	3_4	$\overline{3_4}$	3_5	$\overline{3_5}$	$\overline{3_6}$	3_7	$\overline{3_7}$	3_8	$\overline{3_8}$	
4	4_1	$\overline{4_1}$	4_2	$\overline{4_2}$	4_3	$\overline{4_3}$	4_4	$\overline{4_4}$	4_5	$\overline{4_5}$	4_6	$\overline{4_6}$	4_7	$\overline{4_7}$	4_8	$\overline{4_8}$
	4_9	$\overline{4_9}$	4_{10}	$\overline{4_{10}}$	4_{11}	$\overline{4_{11}}$	4_{12}	$\overline{4_{12}}$	4_{13}	4_{14}	4_{15}	$\overline{4_{15}}$	4_{16}	$\overline{4_{16}}$	4_{17}	$\overline{4_{17}}$
	4_{18}	$\overline{4_{18}}$	4_{19}	$\overline{4_{19}}$	4_{20}	$\overline{4_{20}}$	4_{21}	4_{22}	$\overline{4_{22}}$	$\overline{4_{23}}$	4_{24}	4_{25}	$\overline{4_{25}}$	4_{26}	$\overline{4_{26}}$	4_{27}
5	5_1	$\overline{5_1}$	5_2	$\overline{5_2}$	5_3	$\overline{5_3}$	5_4	$\overline{5_4}$	$\overline{5_5}$	5_6	5_7	$\overline{5_7}$	5_8	$\overline{5_8}$	5_9	$\overline{5_9}$
	5_{10}	$\overline{5_{10}}$	5_{11}	$\overline{5_{11}}$	5_{12}	$\overline{5_{12}}$	5_{13}	$\overline{5_{13}}$	5_{14}	$\overline{5_{14}}$	5_{15}	$\overline{5_{15}}$	5_{16}	$\overline{5_{16}}$	5_{17}	$\overline{5_{17}}$
	5_{18}	$\overline{5_{18}}$	5_{19}	$\overline{5_{19}}$	5_{20}	$\overline{5_{20}}$	5_{21}	$\overline{5_{21}}$	5_{22}	$\overline{5_{22}}$	5_{23}	$\overline{5_{23}}$	5_{24}	$\overline{5_{24}}$	5_{25}	$\overline{5_{25}}$
	5_{26}	$\overline{5_{26}}$	5_{27}	$\overline{5_{27}}$	5_{28}	$\overline{5_{28}}$	5_{29}	$\overline{5_{29}}$	5_{30}	$\overline{5_{30}}$	5_{31}	$\overline{5_{31}}$	5_{32}	$\overline{5_{32}}$	5_{33}	$\overline{5_{33}}$
	5_{34}	$\overline{5_{34}}$	5_{35}	$\overline{5_{35}}$	5_{36}	$\overline{5_{36}}$	5_{37}	$\overline{5_{37}}$	5_{38}	$\overline{5_{38}}$	5_{39}	$\overline{5_{39}}$	5_{40}	$\overline{5_{40}}$	5_{41}	$\overline{5_{41}}$
	5_{42}	$\overline{5_{42}}$	5_{43}	$\overline{5_{43}}$	5_{44}	$\overline{5_{44}}$	5_{45}	$\overline{5_{45}}$	5_{46}	$\overline{5_{46}}$	5_{47}	$\overline{5_{47}}$	5_{48}	$\overline{5_{48}}$	5_{49}	$\overline{5_{49}}$
	5_{50}	$\overline{5_{50}}$	5_{51}	$\overline{5_{51}}$	5_{52}	$\overline{5_{52}}$	5_{53}	$\overline{5_{53}}$	5_{54}	$\overline{5_{54}}$	5_{55}	$\overline{5_{55}}$	5_{56}	$\overline{5_{56}}$	5_{57}	$\overline{5_{57}}$
	5_{58}	$\overline{5_{58}}$	5_{59}	$\overline{5_{59}}$	5_{60}	$\overline{5_{60}}$	5_{61}	$\overline{5_{61}}$	5_{62}	$\overline{5_{62}}$	5_{63}	$\overline{5_{63}}$	5_{64}	$\overline{5_{64}}$	5_{65}	$\overline{5_{65}}$
	5_{66}	$\overline{5_{66}}$	5_{67}	$\overline{5_{67}}$	5_{68}	$\overline{5_{68}}$	5_{69}	$\overline{5_{69}}$	5_{70}	$\overline{5_{70}}$	5_{71}	$\overline{5_{71}}$	5_{72}	$\overline{5_{72}}$	5_{73}	$\overline{5_{73}}$
	$\overline{5_{74}}$	5_{75}	$\overline{5_{76}}$	5_{77}	$\overline{5_{77}}$	5_{78}	$\overline{5_{78}}$	5_{79}	$\overline{5_{79}}$	5_{80}	$\overline{5_{80}}$	5_{81}	$\overline{5_{81}}$	5_{82}	$\overline{5_{82}}$	5_{83}
	$\overline{5_{83}}$	5_{84}	$\overline{5_{84}}$	$\overline{5_{85}}$	5_{86}	$\overline{5_{86}}$	5_{87}	$\overline{5_{87}}$	5_{88}	$\overline{5_{88}}$	5_{89}	$\overline{5_{89}}$	5_{90}	$\overline{5_{90}}$	5_{91}	$\overline{5_{91}}$
	5_{92}	$\overline{5_{92}}$	5_{93}	$\overline{5_{93}}$	5_{94}	$\overline{5_{94}}$	5_{95}	$\overline{5_{95}}$								

1.8 Knots in $L(7,1)$

#	Knots															
$\leq$ **2**	0_1	1_1	$\overline{1_1}$	2_1	$\overline{2_1}$	2_2	2_3	$\overline{2_3}$								
3	3_1	$\overline{3_1}$	3_2	$\overline{3_2}$	3_3	$\overline{3_3}$	3_4	$\overline{3_4}$	3_5	$\overline{3_5}$	$\overline{3_6}$	3_7	$\overline{3_7}$	3_8	$\overline{3_8}$	
4	4_1	$\overline{4_1}$	4_2	$\overline{4_2}$	4_3	$\overline{4_3}$	4_4	$\overline{4_4}$	4_5	$\overline{4_5}$	4_6	$\overline{4_6}$	4_7	$\overline{4_7}$	4_8	$\overline{4_8}$
	4_9	$\overline{4_9}$	4_{10}	$\overline{4_{10}}$	4_{11}	$\overline{4_{11}}$	4_{12}	$\overline{4_{12}}$	4_{13}	4_{14}	4_{15}	$\overline{4_{15}}$	4_{16}	$\overline{4_{16}}$	4_{17}	$\overline{4_{17}}$
	4_{18}	$\overline{4_{18}}$	4_{19}	$\overline{4_{19}}$	4_{20}	$\overline{4_{20}}$	4_{21}	4_{22}	$\overline{4_{22}}$	4_{23}	$\overline{4_{23}}$	$\overline{4_{24}}$	4_{25}	$\overline{4_{25}}$	4_{26}	$\overline{4_{26}}$
	4_{27}															
5	5_1	$\overline{5_1}$	5_2	$\overline{5_2}$	5_3	$\overline{5_3}$	5_4	$\overline{5_4}$	5_5	$\overline{5_5}$	5_6	5_7	$\overline{5_7}$	5_8	$\overline{5_8}$	5_9
	$\overline{5_9}$	5_{10}	$\overline{5_{10}}$	5_{11}	$\overline{5_{11}}$	5_{12}	$\overline{5_{12}}$	5_{13}	$\overline{5_{13}}$	5_{14}	$\overline{5_{14}}$	5_{15}	$\overline{5_{15}}$	5_{16}	$\overline{5_{16}}$	5_{17}
	$\overline{5_{17}}$	5_{18}	$\overline{5_{18}}$	5_{19}	$\overline{5_{19}}$	5_{20}	$\overline{5_{20}}$	5_{21}	$\overline{5_{21}}$	5_{22}	$\overline{5_{22}}$	5_{23}	$\overline{5_{23}}$	5_{24}	$\overline{5_{24}}$	5_{25}
	$\overline{5_{25}}$	5_{26}	$\overline{5_{26}}$	5_{27}	$\overline{5_{27}}$	5_{28}	$\overline{5_{28}}$	5_{29}	$\overline{5_{29}}$	5_{30}	$\overline{5_{30}}$	5_{31}	$\overline{5_{31}}$	5_{32}	$\overline{5_{32}}$	5_{33}
	$\overline{5_{33}}$	5_{34}	$\overline{5_{34}}$	5_{35}	$\overline{5_{35}}$	5_{36}	$\overline{5_{36}}$	5_{37}	$\overline{5_{37}}$	5_{38}	$\overline{5_{38}}$	5_{39}	$\overline{5_{39}}$	5_{40}	$\overline{5_{40}}$	5_{41}
	$\overline{5_{41}}$	5_{42}	$\overline{5_{42}}$	5_{43}	$\overline{5_{43}}$	5_{44}	$\overline{5_{44}}$	5_{45}	$\overline{5_{45}}$	5_{46}	$\overline{5_{46}}$	5_{47}	$\overline{5_{47}}$	5_{48}	$\overline{5_{48}}$	5_{49}
	$\overline{5_{49}}$	5_{50}	$\overline{5_{50}}$	5_{51}	$\overline{5_{51}}$	5_{52}	$\overline{5_{52}}$	5_{53}	$\overline{5_{53}}$	5_{54}	$\overline{5_{54}}$	5_{55}	$\overline{5_{55}}$	5_{56}	$\overline{5_{56}}$	5_{57}
	$\overline{5_{57}}$	5_{58}	$\overline{5_{58}}$	5_{59}	$\overline{5_{59}}$	5_{60}	$\overline{5_{60}}$	5_{61}	$\overline{5_{61}}$	5_{62}	$\overline{5_{62}}$	5_{63}	$\overline{5_{63}}$	5_{64}	$\overline{5_{64}}$	5_{65}
	$\overline{5_{65}}$	5_{66}	$\overline{5_{66}}$	5_{67}	$\overline{5_{67}}$	5_{68}	$\overline{5_{68}}$	5_{69}	$\overline{5_{69}}$	5_{70}	$\overline{5_{70}}$	5_{71}	$\overline{5_{71}}$	5_{72}	$\overline{5_{72}}$	5_{73}
	$\overline{5_{73}}$	5_{74}	$\overline{5_{75}}$	5_{76}	$\overline{5_{76}}$	5_{77}	$\overline{5_{77}}$	5_{78}	$\overline{5_{78}}$	5_{79}	$\overline{5_{79}}$	5_{80}	$\overline{5_{80}}$	5_{81}	$\overline{5_{81}}$	5_{82}
	$\overline{5_{82}}$	5_{83}	$\overline{5_{83}}$	5_{84}	$\overline{5_{84}}$	$\overline{5_{85}}$	5_{86}	$\overline{5_{86}}$	5_{87}	$\overline{5_{87}}$	5_{88}	$\overline{5_{88}}$	5_{89}	$\overline{5_{89}}$	5_{90}	$\overline{5_{90}}$
	5_{91}	$\overline{5_{91}}$	5_{92}	$\overline{5_{92}}$	5_{93}	$\overline{5_{93}}$	5_{94}	$\overline{5_{94}}$	5_{95}	$\overline{5_{95}}$						

1.9 Knots in $L(7,2)$

#	Knots															
$\leq$ **2**	0_1	1_1	$\overline{1_1}$	2_1	$\overline{2_1}$	2_2	2_3	$\overline{2_3}$								
3	3_1	$\overline{3_1}$	3_2	$\overline{3_2}$	3_3	$\overline{3_3}$	3_4	$\overline{3_4}$	3_5	$\overline{3_5}$	$\overline{3_6}$	3_7	$\overline{3_7}$	3_8	$\overline{3_8}$	
4	4_1	$\overline{4_1}$	4_2	$\overline{4_2}$	4_3	$\overline{4_3}$	4_4	$\overline{4_4}$	4_5	$\overline{4_5}$	4_6	$\overline{4_6}$	4_7	$\overline{4_7}$	4_8	$\overline{4_8}$
	4_9	$\overline{4_9}$	4_{10}	$\overline{4_{10}}$	4_{11}	$\overline{4_{11}}$	4_{12}	$\overline{4_{12}}$	4_{13}	4_{14}	4_{15}	$\overline{4_{15}}$	4_{16}	$\overline{4_{16}}$	4_{17}	$\overline{4_{17}}$
	4_{18}	$\overline{4_{18}}$	4_{19}	$\overline{4_{19}}$	4_{20}	$\overline{4_{20}}$	4_{21}	4_{22}	$\overline{4_{22}}$	4_{23}	$\overline{4_{23}}$	4_{24}	$\overline{4_{24}}$	4_{25}	$\overline{4_{25}}$	4_{26}
	$\overline{4_{26}}$	4_{27}														
5	5_1	$\overline{5_1}$	5_2	$\overline{5_2}$	5_3	$\overline{5_3}$	5_4	$\overline{5_4}$	5_5	$\overline{5_5}$	5_6	$\overline{5_6}$	5_7	$\overline{5_7}$	5_8	$\overline{5_8}$
	5_9	$\overline{5_9}$	5_{10}	$\overline{5_{10}}$	5_{11}	$\overline{5_{11}}$	5_{12}	$\overline{5_{12}}$	5_{13}	$\overline{5_{13}}$	5_{14}	$\overline{5_{14}}$	5_{15}	$\overline{5_{15}}$	5_{16}	$\overline{5_{16}}$
	5_{17}	$\overline{5_{17}}$	5_{18}	$\overline{5_{18}}$	5_{19}	$\overline{5_{19}}$	5_{20}	$\overline{5_{20}}$	5_{21}	$\overline{5_{21}}$	5_{22}	$\overline{5_{22}}$	5_{23}	$\overline{5_{23}}$	5_{24}	$\overline{5_{24}}$
	5_{25}	$\overline{5_{25}}$	5_{26}	$\overline{5_{26}}$	5_{27}	$\overline{5_{27}}$	5_{28}	$\overline{5_{28}}$	5_{29}	$\overline{5_{29}}$	5_{30}	$\overline{5_{30}}$	5_{31}	$\overline{5_{31}}$	5_{32}	$\overline{5_{32}}$
	5_{33}	$\overline{5_{33}}$	5_{34}	$\overline{5_{34}}$	5_{35}	$\overline{5_{35}}$	5_{36}	$\overline{5_{36}}$	5_{37}	$\overline{5_{37}}$	5_{38}	$\overline{5_{38}}$	5_{39}	$\overline{5_{39}}$	5_{40}	$\overline{5_{40}}$
	5_{41}	$\overline{5_{41}}$	5_{42}	$\overline{5_{42}}$	5_{43}	$\overline{5_{43}}$	5_{44}	$\overline{5_{44}}$	5_{45}	$\overline{5_{45}}$	5_{46}	$\overline{5_{46}}$	5_{47}	$\overline{5_{47}}$	5_{48}	$\overline{5_{48}}$
	5_{49}	$\overline{5_{49}}$	5_{50}	$\overline{5_{50}}$	5_{51}	$\overline{5_{51}}$	5_{52}	$\overline{5_{52}}$	5_{53}	$\overline{5_{53}}$	5_{54}	$\overline{5_{54}}$	5_{55}	$\overline{5_{55}}$	5_{56}	$\overline{5_{56}}$
	5_{57}	$\overline{5_{57}}$	5_{58}	$\overline{5_{58}}$	5_{59}	$\overline{5_{59}}$	5_{60}	$\overline{5_{60}}$	5_{61}	$\overline{5_{61}}$	5_{62}	$\overline{5_{62}}$	5_{63}	$\overline{5_{63}}$	5_{64}	$\overline{5_{64}}$
	5_{65}	$\overline{5_{65}}$	5_{66}	$\overline{5_{66}}$	5_{67}	$\overline{5_{67}}$	5_{68}	$\overline{5_{68}}$	5_{69}	$\overline{5_{69}}$	5_{70}	$\overline{5_{70}}$	5_{71}	$\overline{5_{71}}$	5_{72}	$\overline{5_{72}}$
	5_{73}	$\overline{5_{73}}$	5_{74}	$\overline{5_{74}}$	$\overline{5_{75}}$	5_{76}	$\overline{5_{76}}$	5_{77}	$\overline{5_{77}}$	5_{78}	$\overline{5_{78}}$	5_{79}	$\overline{5_{79}}$	5_{80}	$\overline{5_{80}}$	5_{81}
	$\overline{5_{81}}$	5_{82}	$\overline{5_{82}}$	5_{83}	$\overline{5_{83}}$	5_{84}	$\overline{5_{84}}$	5_{85}	$\overline{5_{85}}$	5_{86}	$\overline{5_{86}}$	5_{87}	$\overline{5_{87}}$	5_{88}	$\overline{5_{88}}$	5_{89}
	$\overline{5_{89}}$	5_{90}	$\overline{5_{90}}$	5_{91}	$\overline{5_{91}}$	5_{92}	$\overline{5_{92}}$	5_{93}	$\overline{5_{93}}$	5_{94}	$\overline{5_{94}}$	5_{95}	$\overline{5_{95}}$			

1.10 Knots in $L(8,1)$

#	Knots															
$\leq$ **2**	0_1	1_1	$\overline{1_1}$	2_1	$\overline{2_1}$	2_2	2_3	$\overline{2_3}$								
3	3_1	$\overline{3_1}$	3_2	$\overline{3_2}$	3_3	$\overline{3_3}$	3_4	$\overline{3_4}$	3_5	$\overline{3_5}$	3_6	$\overline{3_6}$	3_7	$\overline{3_7}$	3_8	$\overline{3_8}$
4	4_1	$\overline{4_1}$	4_2	$\overline{4_2}$	4_3	$\overline{4_3}$	4_4	$\overline{4_4}$	4_5	$\overline{4_5}$	4_6	$\overline{4_6}$	4_7	$\overline{4_7}$	4_8	$\overline{4_8}$
	4_9	$\overline{4_9}$	4_{10}	$\overline{4_{10}}$	4_{11}	$\overline{4_{11}}$	4_{12}	$\overline{4_{12}}$	4_{13}	4_{14}	4_{15}	$\overline{4_{15}}$	4_{16}	$\overline{4_{16}}$	4_{17}	$\overline{4_{17}}$
	4_{18}	$\overline{4_{18}}$	4_{19}	$\overline{4_{19}}$	4_{20}	$\overline{4_{20}}$	4_{21}	4_{22}	$\overline{4_{22}}$	4_{23}	$\overline{4_{23}}$	$\overline{4_{24}}$	4_{25}	$\overline{4_{25}}$	4_{26}	$\overline{4_{26}}$
	4_{27}															
5	5_1	$\overline{5_1}$	5_2	$\overline{5_2}$	5_3	$\overline{5_3}$	5_4	$\overline{5_4}$	5_5	$\overline{5_5}$	5_6	$\overline{5_6}$	5_7	$\overline{5_7}$	5_8	$\overline{5_8}$
	5_9	$\overline{5_9}$	5_{10}	$\overline{5_{10}}$	5_{11}	$\overline{5_{11}}$	5_{12}	$\overline{5_{12}}$	5_{13}	$\overline{5_{13}}$	5_{14}	$\overline{5_{14}}$	5_{15}	$\overline{5_{15}}$	5_{16}	$\overline{5_{16}}$
	5_{17}	$\overline{5_{17}}$	5_{18}	$\overline{5_{18}}$	5_{19}	$\overline{5_{19}}$	5_{20}	$\overline{5_{20}}$	5_{21}	$\overline{5_{21}}$	5_{22}	$\overline{5_{22}}$	5_{23}	$\overline{5_{23}}$	5_{24}	$\overline{5_{24}}$
	5_{25}	$\overline{5_{25}}$	5_{26}	$\overline{5_{26}}$	5_{27}	$\overline{5_{27}}$	5_{28}	$\overline{5_{28}}$	5_{29}	$\overline{5_{29}}$	5_{30}	$\overline{5_{30}}$	5_{31}	$\overline{5_{31}}$	5_{32}	$\overline{5_{32}}$
	5_{33}	$\overline{5_{33}}$	5_{34}	$\overline{5_{34}}$	5_{35}	$\overline{5_{35}}$	5_{36}	$\overline{5_{36}}$	5_{37}	$\overline{5_{37}}$	5_{38}	$\overline{5_{38}}$	5_{39}	$\overline{5_{39}}$	5_{40}	$\overline{5_{40}}$
	5_{41}	$\overline{5_{41}}$	5_{42}	$\overline{5_{42}}$	5_{43}	$\overline{5_{43}}$	5_{44}	$\overline{5_{44}}$	5_{45}	$\overline{5_{45}}$	5_{46}	$\overline{5_{46}}$	5_{47}	$\overline{5_{47}}$	5_{48}	$\overline{5_{48}}$
	5_{49}	$\overline{5_{49}}$	5_{50}	$\overline{5_{50}}$	5_{51}	$\overline{5_{51}}$	5_{52}	$\overline{5_{52}}$	5_{53}	$\overline{5_{53}}$	5_{54}	$\overline{5_{54}}$	5_{55}	$\overline{5_{55}}$	5_{56}	$\overline{5_{56}}$
	5_{57}	$\overline{5_{57}}$	5_{58}	$\overline{5_{58}}$	5_{59}	$\overline{5_{59}}$	5_{60}	$\overline{5_{60}}$	5_{61}	$\overline{5_{61}}$	5_{62}	$\overline{5_{62}}$	5_{63}	$\overline{5_{63}}$	5_{64}	$\overline{5_{64}}$
	5_{65}	$\overline{5_{65}}$	5_{66}	$\overline{5_{66}}$	5_{67}	$\overline{5_{67}}$	5_{68}	$\overline{5_{68}}$	5_{69}	$\overline{5_{69}}$	5_{70}	$\overline{5_{70}}$	5_{71}	$\overline{5_{71}}$	5_{72}	$\overline{5_{72}}$
	5_{73}	$\overline{5_{73}}$	5_{74}	$\overline{5_{74}}$	$\overline{5_{75}}$	5_{76}	$\overline{5_{76}}$	5_{77}	$\overline{5_{77}}$	5_{78}	$\overline{5_{78}}$	5_{79}	$\overline{5_{79}}$	5_{80}	$\overline{5_{80}}$	5_{81}
	$\overline{5_{81}}$	5_{82}	$\overline{5_{82}}$	5_{83}	$\overline{5_{83}}$	5_{84}	$\overline{5_{84}}$	$\overline{5_{85}}$	5_{86}	$\overline{5_{86}}$	5_{87}	$\overline{5_{87}}$	5_{88}	$\overline{5_{88}}$	5_{89}	$\overline{5_{89}}$
	5_{90}	$\overline{5_{90}}$	5_{91}	$\overline{5_{91}}$	5_{92}	$\overline{5_{92}}$	5_{93}	$\overline{5_{93}}$	5_{94}	$\overline{5_{94}}$	5_{95}	$\overline{5_{95}}$				

1.11 Knots in $L(8,3)$

#	Knots															
$\leq$ **2**	0_1	1_1	$\overline{1_1}$	2_1	$\overline{2_1}$	2_2	2_3	$\overline{2_3}$								
3	3_1	$\overline{3_1}$	3_2	$\overline{3_2}$	3_3	$\overline{3_3}$	3_4	$\overline{3_4}$	3_5	$\overline{3_5}$	3_6	$\overline{3_6}$	3_7	$\overline{3_7}$	3_8	$\overline{3_8}$
4	4_1	$\overline{4_1}$	4_2	$\overline{4_2}$	4_3	$\overline{4_3}$	4_4	$\overline{4_4}$	4_5	$\overline{4_5}$	4_6	$\overline{4_6}$	4_7	$\overline{4_7}$	4_8	$\overline{4_8}$
	4_9	$\overline{4_9}$	4_{10}	$\overline{4_{10}}$	4_{11}	$\overline{4_{11}}$	4_{12}	$\overline{4_{12}}$	4_{13}	4_{14}	4_{15}	$\overline{4_{15}}$	4_{16}	$\overline{4_{16}}$	4_{17}	$\overline{4_{17}}$
	4_{18}	$\overline{4_{18}}$	4_{19}	$\overline{4_{19}}$	4_{20}	$\overline{4_{20}}$	4_{21}	4_{22}	$\overline{4_{22}}$	4_{23}	$\overline{4_{23}}$	4_{24}	$\overline{4_{24}}$	4_{25}	$\overline{4_{25}}$	4_{26}
	$\overline{4_{26}}$	4_{27}														
5	5_1	$\overline{5_1}$	5_2	$\overline{5_2}$	5_3	$\overline{5_3}$	5_4	$\overline{5_4}$	5_5	$\overline{5_5}$	5_6	$\overline{5_6}$	5_7	$\overline{5_7}$	5_8	$\overline{5_8}$
	5_9	$\overline{5_9}$	5_{10}	$\overline{5_{10}}$	5_{11}	$\overline{5_{11}}$	5_{12}	$\overline{5_{12}}$	5_{13}	$\overline{5_{13}}$	5_{14}	$\overline{5_{14}}$	5_{15}	$\overline{5_{15}}$	5_{16}	$\overline{5_{16}}$
	5_{17}	$\overline{5_{17}}$	5_{18}	$\overline{5_{18}}$	5_{19}	$\overline{5_{19}}$	5_{20}	$\overline{5_{20}}$	5_{21}	$\overline{5_{21}}$	5_{22}	$\overline{5_{22}}$	5_{23}	$\overline{5_{23}}$	5_{24}	$\overline{5_{24}}$
	5_{25}	$\overline{5_{25}}$	5_{26}	$\overline{5_{26}}$	5_{27}	$\overline{5_{27}}$	5_{28}	$\overline{5_{28}}$	5_{29}	$\overline{5_{29}}$	5_{30}	$\overline{5_{30}}$	5_{31}	$\overline{5_{31}}$	5_{32}	$\overline{5_{32}}$
	5_{33}	$\overline{5_{33}}$	5_{34}	$\overline{5_{34}}$	5_{35}	$\overline{5_{35}}$	5_{36}	$\overline{5_{36}}$	5_{37}	$\overline{5_{37}}$	5_{38}	$\overline{5_{38}}$	5_{39}	$\overline{5_{39}}$	5_{40}	$\overline{5_{40}}$
	5_{41}	$\overline{5_{41}}$	5_{42}	$\overline{5_{42}}$	5_{43}	$\overline{5_{43}}$	5_{44}	$\overline{5_{44}}$	5_{45}	$\overline{5_{45}}$	5_{46}	$\overline{5_{46}}$	5_{47}	$\overline{5_{47}}$	5_{48}	$\overline{5_{48}}$
	5_{49}	$\overline{5_{49}}$	5_{50}	$\overline{5_{50}}$	5_{51}	$\overline{5_{51}}$	5_{52}	$\overline{5_{52}}$	5_{53}	$\overline{5_{53}}$	5_{54}	$\overline{5_{54}}$	5_{55}	$\overline{5_{55}}$	5_{56}	$\overline{5_{56}}$
	5_{57}	$\overline{5_{57}}$	5_{58}	$\overline{5_{58}}$	5_{59}	$\overline{5_{59}}$	5_{60}	$\overline{5_{60}}$	5_{61}	$\overline{5_{61}}$	5_{62}	$\overline{5_{62}}$	5_{63}	$\overline{5_{63}}$	5_{64}	$\overline{5_{64}}$
	5_{65}	$\overline{5_{65}}$	5_{66}	$\overline{5_{66}}$	5_{67}	$\overline{5_{67}}$	5_{68}	$\overline{5_{68}}$	5_{69}	$\overline{5_{69}}$	5_{70}	$\overline{5_{70}}$	5_{71}	$\overline{5_{71}}$	5_{72}	$\overline{5_{72}}$
	5_{73}	$\overline{5_{73}}$	5_{74}	$\overline{5_{74}}$	5_{75}	$\overline{5_{75}}$	5_{76}	$\overline{5_{76}}$	5_{77}	$\overline{5_{77}}$	5_{78}	$\overline{5_{78}}$	5_{79}	$\overline{5_{79}}$	5_{80}	$\overline{5_{80}}$
	5_{81}	$\overline{5_{81}}$	5_{82}	$\overline{5_{82}}$	5_{83}	$\overline{5_{83}}$	5_{84}	$\overline{5_{84}}$	5_{85}	$\overline{5_{85}}$	5_{86}	$\overline{5_{86}}$	5_{87}	$\overline{5_{87}}$	5_{88}	$\overline{5_{88}}$
	5_{89}	$\overline{5_{89}}$	5_{90}	$\overline{5_{90}}$	5_{91}	$\overline{5_{91}}$	5_{92}	$\overline{5_{92}}$	5_{93}	$\overline{5_{93}}$	5_{94}	$\overline{5_{94}}$	5_{95}	$\overline{5_{95}}$		

1.12 Knots in $L(9,1)$

#	Knots															
$\leq$ **2**	0_1	1_1	$\overline{1_1}$	2_1	$\overline{2_1}$	2_2	2_3	$\overline{2_3}$								
3	3_1	$\overline{3_1}$	3_2	$\overline{3_2}$	3_3	$\overline{3_3}$	3_4	$\overline{3_4}$	3_5	$\overline{3_5}$	3_6	$\overline{3_6}$	3_7	$\overline{3_7}$	3_8	$\overline{3_8}$
4	4_1	$\overline{4_1}$	4_2	$\overline{4_2}$	4_3	$\overline{4_3}$	4_4	$\overline{4_4}$	4_5	$\overline{4_5}$	4_6	$\overline{4_6}$	4_7	$\overline{4_7}$	4_8	$\overline{4_8}$
	4_9	$\overline{4_9}$	4_{10}	$\overline{4_{10}}$	4_{11}	$\overline{4_{11}}$	4_{12}	$\overline{4_{12}}$	4_{13}	4_{14}	4_{15}	$\overline{4_{15}}$	4_{16}	$\overline{4_{16}}$	4_{17}	$\overline{4_{17}}$
	4_{18}	$\overline{4_{18}}$	4_{19}	$\overline{4_{19}}$	4_{20}	$\overline{4_{20}}$	4_{21}	4_{22}	$\overline{4_{22}}$	4_{23}	$\overline{4_{23}}$	$\overline{4_{24}}$	4_{25}	$\overline{4_{25}}$	4_{26}	$\overline{4_{26}}$
	4_{27}															
5	5_1	$\overline{5_1}$	5_2	$\overline{5_2}$	5_3	$\overline{5_3}$	5_4	$\overline{5_4}$	5_5	$\overline{5_5}$	5_6	$\overline{5_6}$	5_7	$\overline{5_7}$	5_8	$\overline{5_8}$
	5_9	$\overline{5_9}$	5_{10}	$\overline{5_{10}}$	5_{11}	$\overline{5_{11}}$	5_{12}	$\overline{5_{12}}$	5_{13}	$\overline{5_{13}}$	5_{14}	$\overline{5_{14}}$	5_{15}	$\overline{5_{15}}$	5_{16}	$\overline{5_{16}}$
	5_{17}	$\overline{5_{17}}$	5_{18}	$\overline{5_{18}}$	5_{19}	$\overline{5_{19}}$	5_{20}	$\overline{5_{20}}$	5_{21}	$\overline{5_{21}}$	5_{22}	$\overline{5_{22}}$	5_{23}	$\overline{5_{23}}$	5_{24}	$\overline{5_{24}}$
	5_{25}	$\overline{5_{25}}$	5_{26}	$\overline{5_{26}}$	5_{27}	$\overline{5_{27}}$	5_{28}	$\overline{5_{28}}$	5_{29}	$\overline{5_{29}}$	5_{30}	$\overline{5_{30}}$	5_{31}	$\overline{5_{31}}$	5_{32}	$\overline{5_{32}}$
	5_{33}	$\overline{5_{33}}$	5_{34}	$\overline{5_{34}}$	5_{35}	$\overline{5_{35}}$	5_{36}	$\overline{5_{36}}$	5_{37}	$\overline{5_{37}}$	5_{38}	$\overline{5_{38}}$	5_{39}	$\overline{5_{39}}$	5_{40}	$\overline{5_{40}}$
	5_{41}	$\overline{5_{41}}$	5_{42}	$\overline{5_{42}}$	5_{43}	$\overline{5_{43}}$	5_{44}	$\overline{5_{44}}$	5_{45}	$\overline{5_{45}}$	5_{46}	$\overline{5_{46}}$	5_{47}	$\overline{5_{47}}$	5_{48}	$\overline{5_{48}}$
	5_{49}	$\overline{5_{49}}$	5_{50}	$\overline{5_{50}}$	5_{51}	$\overline{5_{51}}$	5_{52}	$\overline{5_{52}}$	5_{53}	$\overline{5_{53}}$	5_{54}	$\overline{5_{54}}$	5_{55}	$\overline{5_{55}}$	5_{56}	$\overline{5_{56}}$
	5_{57}	$\overline{5_{57}}$	5_{58}	$\overline{5_{58}}$	5_{59}	$\overline{5_{59}}$	5_{60}	$\overline{5_{60}}$	5_{61}	$\overline{5_{61}}$	5_{62}	$\overline{5_{62}}$	5_{63}	$\overline{5_{63}}$	5_{64}	$\overline{5_{64}}$
	5_{65}	$\overline{5_{65}}$	5_{66}	$\overline{5_{66}}$	5_{67}	$\overline{5_{67}}$	5_{68}	$\overline{5_{68}}$	5_{69}	$\overline{5_{69}}$	5_{70}	$\overline{5_{70}}$	5_{71}	$\overline{5_{71}}$	5_{72}	$\overline{5_{72}}$
	5_{73}	$\overline{5_{73}}$	5_{74}	$\overline{5_{74}}$	5_{75}	$\overline{5_{75}}$	5_{76}	$\overline{5_{76}}$	5_{77}	$\overline{5_{77}}$	5_{78}	$\overline{5_{78}}$	5_{79}	$\overline{5_{79}}$	5_{80}	$\overline{5_{80}}$
	5_{81}	$\overline{5_{81}}$	5_{82}	$\overline{5_{82}}$	5_{83}	$\overline{5_{83}}$	5_{84}	$\overline{5_{84}}$	$\overline{5_{85}}$	5_{86}	$\overline{5_{86}}$	5_{87}	$\overline{5_{87}}$	5_{88}	$\overline{5_{88}}$	5_{89}
	$\overline{5_{89}}$	5_{90}	$\overline{5_{90}}$	5_{91}	$\overline{5_{91}}$	5_{92}	$\overline{5_{92}}$	5_{93}	$\overline{5_{93}}$	5_{94}	$\overline{5_{94}}$	5_{95}	$\overline{5_{95}}$			

1.13 Knots in $L(9,2)$

#	Knots															
$\leq$ **2**	0_1	1_1	$\overline{1_1}$	2_1	$\overline{2_1}$	2_2	2_3	$\overline{2_3}$								
3	3_1	$\overline{3_1}$	3_2	$\overline{3_2}$	3_3	$\overline{3_3}$	3_4	$\overline{3_4}$	3_5	$\overline{3_5}$	3_6	$\overline{3_6}$	3_7	$\overline{3_7}$	3_8	$\overline{3_8}$
4	4_1	$\overline{4_1}$	4_2	$\overline{4_2}$	4_3	$\overline{4_3}$	4_4	$\overline{4_4}$	4_5	$\overline{4_5}$	4_6	$\overline{4_6}$	4_7	$\overline{4_7}$	4_8	$\overline{4_8}$
	4_9	$\overline{4_9}$	4_{10}	$\overline{4_{10}}$	4_{11}	$\overline{4_{11}}$	4_{12}	$\overline{4_{12}}$	4_{13}	4_{14}	4_{15}	$\overline{4_{15}}$	4_{16}	$\overline{4_{16}}$	4_{17}	$\overline{4_{17}}$
	4_{18}	$\overline{4_{18}}$	4_{19}	$\overline{4_{19}}$	4_{20}	$\overline{4_{20}}$	4_{21}	4_{22}	$\overline{4_{22}}$	4_{23}	$\overline{4_{23}}$	$\overline{4_{24}}$	4_{25}	$\overline{4_{25}}$	4_{26}	$\overline{4_{26}}$
	4_{27}															
5	5_1	$\overline{5_1}$	5_2	$\overline{5_2}$	5_3	$\overline{5_3}$	5_4	$\overline{5_4}$	5_5	$\overline{5_5}$	5_6	$\overline{5_6}$	5_7	$\overline{5_7}$	5_8	$\overline{5_8}$
	5_9	$\overline{5_9}$	5_{10}	$\overline{5_{10}}$	5_{11}	$\overline{5_{11}}$	5_{12}	$\overline{5_{12}}$	5_{13}	$\overline{5_{13}}$	5_{14}	$\overline{5_{14}}$	5_{15}	$\overline{5_{15}}$	5_{16}	$\overline{5_{16}}$
	5_{17}	$\overline{5_{17}}$	5_{18}	$\overline{5_{18}}$	5_{19}	$\overline{5_{19}}$	5_{20}	$\overline{5_{20}}$	5_{21}	$\overline{5_{21}}$	5_{22}	$\overline{5_{22}}$	5_{23}	$\overline{5_{23}}$	5_{24}	$\overline{5_{24}}$
	5_{25}	$\overline{5_{25}}$	5_{26}	$\overline{5_{26}}$	5_{27}	$\overline{5_{27}}$	5_{28}	$\overline{5_{28}}$	5_{29}	$\overline{5_{29}}$	5_{30}	$\overline{5_{30}}$	5_{31}	$\overline{5_{31}}$	5_{32}	$\overline{5_{32}}$
	5_{33}	$\overline{5_{33}}$	5_{34}	$\overline{5_{34}}$	5_{35}	$\overline{5_{35}}$	5_{36}	$\overline{5_{36}}$	5_{37}	$\overline{5_{37}}$	5_{38}	$\overline{5_{38}}$	5_{39}	$\overline{5_{39}}$	5_{40}	$\overline{5_{40}}$
	5_{41}	$\overline{5_{41}}$	5_{42}	$\overline{5_{42}}$	5_{43}	$\overline{5_{43}}$	5_{44}	$\overline{5_{44}}$	5_{45}	$\overline{5_{45}}$	5_{46}	$\overline{5_{46}}$	5_{47}	$\overline{5_{47}}$	5_{48}	$\overline{5_{48}}$
	5_{49}	$\overline{5_{49}}$	5_{50}	$\overline{5_{50}}$	5_{51}	$\overline{5_{51}}$	5_{52}	$\overline{5_{52}}$	5_{53}	$\overline{5_{53}}$	5_{54}	$\overline{5_{54}}$	5_{55}	$\overline{5_{55}}$	5_{56}	$\overline{5_{56}}$
	5_{57}	$\overline{5_{57}}$	5_{58}	$\overline{5_{58}}$	5_{59}	$\overline{5_{59}}$	5_{60}	$\overline{5_{60}}$	5_{61}	$\overline{5_{61}}$	5_{62}	$\overline{5_{62}}$	5_{63}	$\overline{5_{63}}$	5_{64}	$\overline{5_{64}}$
	5_{65}	$\overline{5_{65}}$	5_{66}	$\overline{5_{66}}$	5_{67}	$\overline{5_{67}}$	5_{68}	$\overline{5_{68}}$	5_{69}	$\overline{5_{69}}$	5_{70}	$\overline{5_{70}}$	5_{71}	$\overline{5_{71}}$	5_{72}	$\overline{5_{72}}$
	5_{73}	$\overline{5_{73}}$	5_{74}	$\overline{5_{74}}$	5_{75}	$\overline{5_{75}}$	5_{76}	$\overline{5_{76}}$	5_{77}	$\overline{5_{77}}$	5_{78}	$\overline{5_{78}}$	5_{79}	$\overline{5_{79}}$	5_{80}	$\overline{5_{80}}$
	5_{81}	$\overline{5_{81}}$	5_{82}	$\overline{5_{82}}$	5_{83}	$\overline{5_{83}}$	5_{84}	$\overline{5_{84}}$	5_{85}	$\overline{5_{85}}$	5_{86}	$\overline{5_{86}}$	5_{87}	$\overline{5_{87}}$	5_{88}	$\overline{5_{88}}$
	5_{89}	$\overline{5_{89}}$	5_{90}	$\overline{5_{90}}$	5_{91}	$\overline{5_{91}}$	5_{92}	$\overline{5_{92}}$	5_{93}	$\overline{5_{93}}$	5_{94}	$\overline{5_{94}}$	5_{95}	$\overline{5_{95}}$		

1.14 Knots in $L(10,1)$

#	Knots															
$\leq$ **2**	0_1	1_1	$\overline{1_1}$	2_1	$\overline{2_1}$	2_2	2_3	$\overline{2_3}$								
3	3_1	$\overline{3_1}$	3_2	$\overline{3_2}$	3_3	$\overline{3_3}$	3_4	$\overline{3_4}$	3_5	$\overline{3_5}$	3_6	$\overline{3_6}$	3_7	$\overline{3_7}$	3_8	$\overline{3_8}$
4	4_1	$\overline{4_1}$	4_2	$\overline{4_2}$	4_3	$\overline{4_3}$	4_4	$\overline{4_4}$	4_5	$\overline{4_5}$	4_6	$\overline{4_6}$	4_7	$\overline{4_7}$	4_8	$\overline{4_8}$
	4_9	$\overline{4_9}$	4_{10}	$\overline{4_{10}}$	4_{11}	$\overline{4_{11}}$	4_{12}	$\overline{4_{12}}$	4_{13}	4_{14}	4_{15}	$\overline{4_{15}}$	4_{16}	$\overline{4_{16}}$	4_{17}	$\overline{4_{17}}$
	4_{18}	$\overline{4_{18}}$	4_{19}	$\overline{4_{19}}$	4_{20}	$\overline{4_{20}}$	4_{21}	4_{22}	$\overline{4_{22}}$	4_{23}	$\overline{4_{23}}$	4_{24}	$\overline{4_{24}}$	4_{25}	$\overline{4_{25}}$	4_{26}
	$\overline{4_{26}}$	4_{27}														
5	5_1	$\overline{5_1}$	5_2	$\overline{5_2}$	5_3	$\overline{5_3}$	5_4	$\overline{5_4}$	5_5	$\overline{5_5}$	5_6	$\overline{5_6}$	5_7	$\overline{5_7}$	5_8	$\overline{5_8}$
	5_9	$\overline{5_9}$	5_{10}	$\overline{5_{10}}$	5_{11}	$\overline{5_{11}}$	5_{12}	$\overline{5_{12}}$	5_{13}	$\overline{5_{13}}$	5_{14}	$\overline{5_{14}}$	5_{15}	$\overline{5_{15}}$	5_{16}	$\overline{5_{16}}$
	5_{17}	$\overline{5_{17}}$	5_{18}	$\overline{5_{18}}$	5_{19}	$\overline{5_{19}}$	5_{20}	$\overline{5_{20}}$	5_{21}	$\overline{5_{21}}$	5_{22}	$\overline{5_{22}}$	5_{23}	$\overline{5_{23}}$	5_{24}	$\overline{5_{24}}$
	5_{25}	$\overline{5_{25}}$	5_{26}	$\overline{5_{26}}$	5_{27}	$\overline{5_{27}}$	5_{28}	$\overline{5_{28}}$	5_{29}	$\overline{5_{29}}$	5_{30}	$\overline{5_{30}}$	5_{31}	$\overline{5_{31}}$	5_{32}	$\overline{5_{32}}$
	5_{33}	$\overline{5_{33}}$	5_{34}	$\overline{5_{34}}$	5_{35}	$\overline{5_{35}}$	5_{36}	$\overline{5_{36}}$	5_{37}	$\overline{5_{37}}$	5_{38}	$\overline{5_{38}}$	5_{39}	$\overline{5_{39}}$	5_{40}	$\overline{5_{40}}$
	5_{41}	$\overline{5_{41}}$	5_{42}	$\overline{5_{42}}$	5_{43}	$\overline{5_{43}}$	5_{44}	$\overline{5_{44}}$	5_{45}	$\overline{5_{45}}$	5_{46}	$\overline{5_{46}}$	5_{47}	$\overline{5_{47}}$	5_{48}	$\overline{5_{48}}$
	5_{49}	$\overline{5_{49}}$	5_{50}	$\overline{5_{50}}$	5_{51}	$\overline{5_{51}}$	5_{52}	$\overline{5_{52}}$	5_{53}	$\overline{5_{53}}$	5_{54}	$\overline{5_{54}}$	5_{55}	$\overline{5_{55}}$	5_{56}	$\overline{5_{56}}$
	5_{57}	$\overline{5_{57}}$	5_{58}	$\overline{5_{58}}$	5_{59}	$\overline{5_{59}}$	5_{60}	$\overline{5_{60}}$	5_{61}	$\overline{5_{61}}$	5_{62}	$\overline{5_{62}}$	5_{63}	$\overline{5_{63}}$	5_{64}	$\overline{5_{64}}$
	5_{65}	$\overline{5_{65}}$	5_{66}	$\overline{5_{66}}$	5_{67}	$\overline{5_{67}}$	5_{68}	$\overline{5_{68}}$	5_{69}	$\overline{5_{69}}$	5_{70}	$\overline{5_{70}}$	5_{71}	$\overline{5_{71}}$	5_{72}	$\overline{5_{72}}$
	5_{73}	$\overline{5_{73}}$	5_{74}	$\overline{5_{74}}$	5_{75}	$\overline{5_{75}}$	5_{76}	$\overline{5_{76}}$	5_{77}	$\overline{5_{77}}$	5_{78}	$\overline{5_{78}}$	5_{79}	$\overline{5_{79}}$	5_{80}	$\overline{5_{80}}$
	5_{81}	$\overline{5_{81}}$	5_{82}	$\overline{5_{82}}$	5_{83}	$\overline{5_{83}}$	5_{84}	$\overline{5_{84}}$	5_{85}	5_{86}	$\overline{5_{86}}$	5_{87}	$\overline{5_{87}}$	5_{88}	$\overline{5_{88}}$	5_{89}
	$\overline{5_{89}}$	5_{90}	$\overline{5_{90}}$	5_{91}	$\overline{5_{91}}$	5_{92}	$\overline{5_{92}}$	5_{93}	$\overline{5_{93}}$	5_{94}	$\overline{5_{94}}$	5_{95}	$\overline{5_{95}}$			

1.15 Knots in $L(10,3)$

#	Knots															
$\leq$ **2**	0_1	1_1	$\overline{1_1}$	2_1	$\overline{2_1}$	2_2	2_3	$\overline{2_3}$								
3	3_1	$\overline{3_1}$	3_2	$\overline{3_2}$	3_3	$\overline{3_3}$	3_4	$\overline{3_4}$	3_5	$\overline{3_5}$	3_6	$\overline{3_6}$	3_7	$\overline{3_7}$	3_8	$\overline{3_8}$
4	4_1	$\overline{4_1}$	4_2	$\overline{4_2}$	4_3	$\overline{4_3}$	4_4	$\overline{4_4}$	4_5	$\overline{4_5}$	4_6	$\overline{4_6}$	4_7	$\overline{4_7}$	4_8	$\overline{4_8}$
	4_9	$\overline{4_9}$	4_{10}	$\overline{4_{10}}$	4_{11}	$\overline{4_{11}}$	4_{12}	$\overline{4_{12}}$	4_{13}	4_{14}	4_{15}	$\overline{4_{15}}$	4_{16}	$\overline{4_{16}}$	4_{17}	$\overline{4_{17}}$
	4_{18}	$\overline{4_{18}}$	4_{19}	$\overline{4_{19}}$	4_{20}	$\overline{4_{20}}$	4_{21}	4_{22}	$\overline{4_{22}}$	4_{23}	$\overline{4_{23}}$	4_{24}	$\overline{4_{24}}$	4_{25}	$\overline{4_{25}}$	4_{26}
	$\overline{4_{26}}$	4_{27}														
5	5_1	$\overline{5_1}$	5_2	$\overline{5_2}$	5_3	$\overline{5_3}$	5_4	$\overline{5_4}$	5_5	$\overline{5_5}$	5_6	$\overline{5_6}$	5_7	$\overline{5_7}$	5_8	$\overline{5_8}$
	5_9	$\overline{5_9}$	5_{10}	$\overline{5_{10}}$	5_{11}	$\overline{5_{11}}$	5_{12}	$\overline{5_{12}}$	5_{13}	$\overline{5_{13}}$	5_{14}	$\overline{5_{14}}$	5_{15}	$\overline{5_{15}}$	5_{16}	$\overline{5_{16}}$
	5_{17}	$\overline{5_{17}}$	5_{18}	$\overline{5_{18}}$	5_{19}	$\overline{5_{19}}$	5_{20}	$\overline{5_{20}}$	5_{21}	$\overline{5_{21}}$	5_{22}	$\overline{5_{22}}$	5_{23}	$\overline{5_{23}}$	5_{24}	$\overline{5_{24}}$
	5_{25}	$\overline{5_{25}}$	5_{26}	$\overline{5_{26}}$	5_{27}	$\overline{5_{27}}$	5_{28}	$\overline{5_{28}}$	5_{29}	$\overline{5_{29}}$	5_{30}	$\overline{5_{30}}$	5_{31}	$\overline{5_{31}}$	5_{32}	$\overline{5_{32}}$
	5_{33}	$\overline{5_{33}}$	5_{34}	$\overline{5_{34}}$	5_{35}	$\overline{5_{35}}$	5_{36}	$\overline{5_{36}}$	5_{37}	$\overline{5_{37}}$	5_{38}	$\overline{5_{38}}$	5_{39}	$\overline{5_{39}}$	5_{40}	$\overline{5_{40}}$
	5_{41}	$\overline{5_{41}}$	5_{42}	$\overline{5_{42}}$	5_{43}	$\overline{5_{43}}$	5_{44}	$\overline{5_{44}}$	5_{45}	$\overline{5_{45}}$	5_{46}	$\overline{5_{46}}$	5_{47}	$\overline{5_{47}}$	5_{48}	$\overline{5_{48}}$
	5_{49}	$\overline{5_{49}}$	5_{50}	$\overline{5_{50}}$	5_{51}	$\overline{5_{51}}$	5_{52}	$\overline{5_{52}}$	5_{53}	$\overline{5_{53}}$	5_{54}	$\overline{5_{54}}$	5_{55}	$\overline{5_{55}}$	5_{56}	$\overline{5_{56}}$
	5_{57}	$\overline{5_{57}}$	5_{58}	$\overline{5_{58}}$	5_{59}	$\overline{5_{59}}$	5_{60}	$\overline{5_{60}}$	5_{61}	$\overline{5_{61}}$	5_{62}	$\overline{5_{62}}$	5_{63}	$\overline{5_{63}}$	5_{64}	$\overline{5_{64}}$
	5_{65}	$\overline{5_{65}}$	5_{66}	$\overline{5_{66}}$	5_{67}	$\overline{5_{67}}$	5_{68}	$\overline{5_{68}}$	5_{69}	$\overline{5_{69}}$	5_{70}	$\overline{5_{70}}$	5_{71}	$\overline{5_{71}}$	5_{72}	$\overline{5_{72}}$
	5_{73}	$\overline{5_{73}}$	5_{74}	$\overline{5_{74}}$	5_{75}	$\overline{5_{75}}$	5_{76}	$\overline{5_{76}}$	5_{77}	$\overline{5_{77}}$	5_{78}	$\overline{5_{78}}$	5_{79}	$\overline{5_{79}}$	5_{80}	$\overline{5_{80}}$
	5_{81}	$\overline{5_{81}}$	5_{82}	$\overline{5_{82}}$	5_{83}	$\overline{5_{83}}$	5_{84}	$\overline{5_{84}}$	5_{85}	$\overline{5_{85}}$	5_{86}	$\overline{5_{86}}$	5_{87}	$\overline{5_{87}}$	5_{88}	$\overline{5_{88}}$
	5_{89}	$\overline{5_{89}}$	5_{90}	$\overline{5_{90}}$	5_{91}	$\overline{5_{91}}$	5_{92}	$\overline{5_{92}}$	5_{93}	$\overline{5_{93}}$	5_{94}	$\overline{5_{94}}$	5_{95}	$\overline{5_{95}}$		

1.16 Knots in $L(11,1)$

#	Knots															
$\leq$ **2**	0_1	1_1	$\overline{1_1}$	2_1	$\overline{2_1}$	2_2	2_3	$\overline{2_3}$								
3	3_1	$\overline{3_1}$	3_2	$\overline{3_2}$	3_3	$\overline{3_3}$	3_4	$\overline{3_4}$	3_5	$\overline{3_5}$	3_6	$\overline{3_6}$	3_7	$\overline{3_7}$	3_8	$\overline{3_8}$
4	4_1	$\overline{4_1}$	4_2	$\overline{4_2}$	4_3	$\overline{4_3}$	4_4	$\overline{4_4}$	4_5	$\overline{4_5}$	4_6	$\overline{4_6}$	4_7	$\overline{4_7}$	4_8	$\overline{4_8}$
	4_9	$\overline{4_9}$	4_{10}	$\overline{4_{10}}$	4_{11}	$\overline{4_{11}}$	4_{12}	$\overline{4_{12}}$	4_{13}	4_{14}	4_{15}	$\overline{4_{15}}$	4_{16}	$\overline{4_{16}}$	4_{17}	$\overline{4_{17}}$
	4_{18}	$\overline{4_{18}}$	4_{19}	$\overline{4_{19}}$	4_{20}	$\overline{4_{20}}$	4_{21}	4_{22}	$\overline{4_{22}}$	4_{23}	$\overline{4_{23}}$	4_{24}	$\overline{4_{24}}$	4_{25}	$\overline{4_{25}}$	4_{26}
	$\overline{4_{26}}$	4_{27}														
5	5_1	$\overline{5_1}$	5_2	$\overline{5_2}$	5_3	$\overline{5_3}$	5_4	$\overline{5_4}$	5_5	$\overline{5_5}$	5_6	$\overline{5_6}$	5_7	$\overline{5_7}$	5_8	$\overline{5_8}$
	5_9	$\overline{5_9}$	5_{10}	$\overline{5_{10}}$	5_{11}	$\overline{5_{11}}$	5_{12}	$\overline{5_{12}}$	5_{13}	$\overline{5_{13}}$	5_{14}	$\overline{5_{14}}$	5_{15}	$\overline{5_{15}}$	5_{16}	$\overline{5_{16}}$
	5_{17}	$\overline{5_{17}}$	5_{18}	$\overline{5_{18}}$	5_{19}	$\overline{5_{19}}$	5_{20}	$\overline{5_{20}}$	5_{21}	$\overline{5_{21}}$	5_{22}	$\overline{5_{22}}$	5_{23}	$\overline{5_{23}}$	5_{24}	$\overline{5_{24}}$
	5_{25}	$\overline{5_{25}}$	5_{26}	$\overline{5_{26}}$	5_{27}	$\overline{5_{27}}$	5_{28}	$\overline{5_{28}}$	5_{29}	$\overline{5_{29}}$	5_{30}	$\overline{5_{30}}$	5_{31}	$\overline{5_{31}}$	5_{32}	$\overline{5_{32}}$
	5_{33}	$\overline{5_{33}}$	5_{34}	$\overline{5_{34}}$	5_{35}	$\overline{5_{35}}$	5_{36}	$\overline{5_{36}}$	5_{37}	$\overline{5_{37}}$	5_{38}	$\overline{5_{38}}$	5_{39}	$\overline{5_{39}}$	5_{40}	$\overline{5_{40}}$
	5_{41}	$\overline{5_{41}}$	5_{42}	$\overline{5_{42}}$	5_{43}	$\overline{5_{43}}$	5_{44}	$\overline{5_{44}}$	5_{45}	$\overline{5_{45}}$	5_{46}	$\overline{5_{46}}$	5_{47}	$\overline{5_{47}}$	5_{48}	$\overline{5_{48}}$
	5_{49}	$\overline{5_{49}}$	5_{50}	$\overline{5_{50}}$	5_{51}	$\overline{5_{51}}$	5_{52}	$\overline{5_{52}}$	5_{53}	$\overline{5_{53}}$	5_{54}	$\overline{5_{54}}$	5_{55}	$\overline{5_{55}}$	5_{56}	$\overline{5_{56}}$
	5_{57}	$\overline{5_{57}}$	5_{58}	$\overline{5_{58}}$	5_{59}	$\overline{5_{59}}$	5_{60}	$\overline{5_{60}}$	5_{61}	$\overline{5_{61}}$	5_{62}	$\overline{5_{62}}$	5_{63}	$\overline{5_{63}}$	5_{64}	$\overline{5_{64}}$
	5_{65}	$\overline{5_{65}}$	5_{66}	$\overline{5_{66}}$	5_{67}	$\overline{5_{67}}$	5_{68}	$\overline{5_{68}}$	5_{69}	$\overline{5_{69}}$	5_{70}	$\overline{5_{70}}$	5_{71}	$\overline{5_{71}}$	5_{72}	$\overline{5_{72}}$
	5_{73}	$\overline{5_{73}}$	5_{74}	$\overline{5_{74}}$	5_{75}	$\overline{5_{75}}$	5_{76}	$\overline{5_{76}}$	5_{77}	$\overline{5_{77}}$	5_{78}	$\overline{5_{78}}$	5_{79}	$\overline{5_{79}}$	5_{80}	$\overline{5_{80}}$
	5_{81}	$\overline{5_{81}}$	5_{82}	$\overline{5_{82}}$	5_{83}	$\overline{5_{83}}$	5_{84}	$\overline{5_{84}}$	$\overline{5_{85}}$	5_{86}	$\overline{5_{86}}$	5_{87}	$\overline{5_{87}}$	5_{88}	$\overline{5_{88}}$	
	5_{89}	$\overline{5_{89}}$	5_{90}	$\overline{5_{90}}$	5_{91}	$\overline{5_{91}}$	5_{92}	$\overline{5_{92}}$	5_{93}	$\overline{5_{93}}$	5_{94}	$\overline{5_{94}}$	5_{95}	$\overline{5_{95}}$		

1.17 Knots in $L(11,2)$

#	Knots															
$\leq$ **2**	0_1	1_1	$\overline{1_1}$	2_1	$\overline{2_1}$	2_2	2_3	$\overline{2_3}$								
3	3_1	$\overline{3_1}$	3_2	$\overline{3_2}$	3_3	$\overline{3_3}$	3_4	$\overline{3_4}$	3_5	$\overline{3_5}$	3_6	$\overline{3_6}$	3_7	$\overline{3_7}$	3_8	$\overline{3_8}$
4	4_1	$\overline{4_1}$	4_2	$\overline{4_2}$	4_3	$\overline{4_3}$	4_4	$\overline{4_4}$	4_5	$\overline{4_5}$	4_6	$\overline{4_6}$	4_7	$\overline{4_7}$	4_8	$\overline{4_8}$
	4_9	$\overline{4_9}$	4_{10}	$\overline{4_{10}}$	4_{11}	$\overline{4_{11}}$	4_{12}	$\overline{4_{12}}$	4_{13}	4_{14}	4_{15}	$\overline{4_{15}}$	4_{16}	$\overline{4_{16}}$	4_{17}	$\overline{4_{17}}$
	4_{18}	$\overline{4_{18}}$	4_{19}	$\overline{4_{19}}$	4_{20}	$\overline{4_{20}}$	4_{21}	4_{22}	$\overline{4_{22}}$	4_{23}	$\overline{4_{23}}$	4_{24}	$\overline{4_{24}}$	4_{25}	$\overline{4_{25}}$	4_{26}
	$\overline{4_{26}}$	4_{27}														
5	5_1	$\overline{5_1}$	5_2	$\overline{5_2}$	5_3	$\overline{5_3}$	5_4	$\overline{5_4}$	5_5	$\overline{5_5}$	5_6	$\overline{5_6}$	5_7	$\overline{5_7}$	5_8	$\overline{5_8}$
	5_9	$\overline{5_9}$	5_{10}	$\overline{5_{10}}$	5_{11}	$\overline{5_{11}}$	5_{12}	$\overline{5_{12}}$	5_{13}	$\overline{5_{13}}$	5_{14}	$\overline{5_{14}}$	5_{15}	$\overline{5_{15}}$	5_{16}	$\overline{5_{16}}$
	5_{17}	$\overline{5_{17}}$	5_{18}	$\overline{5_{18}}$	5_{19}	$\overline{5_{19}}$	5_{20}	$\overline{5_{20}}$	5_{21}	$\overline{5_{21}}$	5_{22}	$\overline{5_{22}}$	5_{23}	$\overline{5_{23}}$	5_{24}	$\overline{5_{24}}$
	5_{25}	$\overline{5_{25}}$	5_{26}	$\overline{5_{26}}$	5_{27}	$\overline{5_{27}}$	5_{28}	$\overline{5_{28}}$	5_{29}	$\overline{5_{29}}$	5_{30}	$\overline{5_{30}}$	5_{31}	$\overline{5_{31}}$	5_{32}	$\overline{5_{32}}$
	5_{33}	$\overline{5_{33}}$	5_{34}	$\overline{5_{34}}$	5_{35}	$\overline{5_{35}}$	5_{36}	$\overline{5_{36}}$	5_{37}	$\overline{5_{37}}$	5_{38}	$\overline{5_{38}}$	5_{39}	$\overline{5_{39}}$	5_{40}	$\overline{5_{40}}$
	5_{41}	$\overline{5_{41}}$	5_{42}	$\overline{5_{42}}$	5_{43}	$\overline{5_{43}}$	5_{44}	$\overline{5_{44}}$	5_{45}	$\overline{5_{45}}$	5_{46}	$\overline{5_{46}}$	5_{47}	$\overline{5_{47}}$	5_{48}	$\overline{5_{48}}$
	5_{49}	$\overline{5_{49}}$	5_{50}	$\overline{5_{50}}$	5_{51}	$\overline{5_{51}}$	5_{52}	$\overline{5_{52}}$	5_{53}	$\overline{5_{53}}$	5_{54}	$\overline{5_{54}}$	5_{55}	$\overline{5_{55}}$	5_{56}	$\overline{5_{56}}$
	5_{57}	$\overline{5_{57}}$	5_{58}	$\overline{5_{58}}$	5_{59}	$\overline{5_{59}}$	5_{60}	$\overline{5_{60}}$	5_{61}	$\overline{5_{61}}$	5_{62}	$\overline{5_{62}}$	5_{63}	$\overline{5_{63}}$	5_{64}	$\overline{5_{64}}$
	5_{65}	$\overline{5_{65}}$	5_{66}	$\overline{5_{66}}$	5_{67}	$\overline{5_{67}}$	5_{68}	$\overline{5_{68}}$	5_{69}	$\overline{5_{69}}$	5_{70}	$\overline{5_{70}}$	5_{71}	$\overline{5_{71}}$	5_{72}	$\overline{5_{72}}$
	5_{73}	$\overline{5_{73}}$	5_{74}	$\overline{5_{74}}$	5_{75}	$\overline{5_{75}}$	5_{76}	$\overline{5_{76}}$	5_{77}	$\overline{5_{77}}$	5_{78}	$\overline{5_{78}}$	5_{79}	$\overline{5_{79}}$	5_{80}	$\overline{5_{80}}$
	5_{81}	$\overline{5_{81}}$	5_{82}	$\overline{5_{82}}$	5_{83}	$\overline{5_{83}}$	5_{84}	$\overline{5_{84}}$	$\overline{5_{85}}$	5_{86}	$\overline{5_{86}}$	5_{87}	$\overline{5_{87}}$	5_{88}	$\overline{5_{88}}$	5_{89}
	$\overline{5_{89}}$	5_{90}	$\overline{5_{90}}$	5_{91}	$\overline{5_{91}}$	5_{92}	$\overline{5_{92}}$	5_{93}	$\overline{5_{93}}$	5_{94}	$\overline{5_{94}}$	5_{95}	$\overline{5_{95}}$			

1.18 Knots in $L(11,3)$

#	Knots															
$\leq$ **2**	0_1	1_1	$\overline{1_1}$	2_1	$\overline{2_1}$	2_2	2_3	$\overline{2_3}$								
3	3_1	$\overline{3_1}$	3_2	$\overline{3_2}$	3_3	$\overline{3_3}$	3_4	$\overline{3_4}$	3_5	$\overline{3_5}$	3_6	$\overline{3_6}$	3_7	$\overline{3_7}$	3_8	$\overline{3_8}$
4	4_1	$\overline{4_1}$	4_2	$\overline{4_2}$	4_3	$\overline{4_3}$	4_4	$\overline{4_4}$	4_5	$\overline{4_5}$	4_6	$\overline{4_6}$	4_7	$\overline{4_7}$	4_8	$\overline{4_8}$
	4_9	$\overline{4_9}$	4_{10}	$\overline{4_{10}}$	4_{11}	$\overline{4_{11}}$	4_{12}	$\overline{4_{12}}$	4_{13}	4_{14}	4_{15}	$\overline{4_{15}}$	4_{16}	$\overline{4_{16}}$	4_{17}	$\overline{4_{17}}$
	4_{18}	$\overline{4_{18}}$	4_{19}	$\overline{4_{19}}$	4_{20}	$\overline{4_{20}}$	4_{21}	4_{22}	$\overline{4_{22}}$	4_{23}	$\overline{4_{23}}$	4_{24}	$\overline{4_{24}}$	4_{25}	$\overline{4_{25}}$	4_{26}
	$\overline{4_{26}}$	4_{27}														
5	5_1	$\overline{5_1}$	5_2	$\overline{5_2}$	5_3	$\overline{5_3}$	5_4	$\overline{5_4}$	5_5	$\overline{5_5}$	5_6	$\overline{5_6}$	5_7	$\overline{5_7}$	5_8	$\overline{5_8}$
	5_9	$\overline{5_9}$	5_{10}	$\overline{5_{10}}$	5_{11}	$\overline{5_{11}}$	5_{12}	$\overline{5_{12}}$	5_{13}	$\overline{5_{13}}$	5_{14}	$\overline{5_{14}}$	5_{15}	$\overline{5_{15}}$	5_{16}	$\overline{5_{16}}$
	5_{17}	$\overline{5_{17}}$	5_{18}	$\overline{5_{18}}$	5_{19}	$\overline{5_{19}}$	5_{20}	$\overline{5_{20}}$	5_{21}	$\overline{5_{21}}$	5_{22}	$\overline{5_{22}}$	5_{23}	$\overline{5_{23}}$	5_{24}	$\overline{5_{24}}$
	5_{25}	$\overline{5_{25}}$	5_{26}	$\overline{5_{26}}$	5_{27}	$\overline{5_{27}}$	5_{28}	$\overline{5_{28}}$	5_{29}	$\overline{5_{29}}$	5_{30}	$\overline{5_{30}}$	5_{31}	$\overline{5_{31}}$	5_{32}	$\overline{5_{32}}$
	5_{33}	$\overline{5_{33}}$	5_{34}	$\overline{5_{34}}$	5_{35}	$\overline{5_{35}}$	5_{36}	$\overline{5_{36}}$	5_{37}	$\overline{5_{37}}$	5_{38}	$\overline{5_{38}}$	5_{39}	$\overline{5_{39}}$	5_{40}	$\overline{5_{40}}$
	5_{41}	$\overline{5_{41}}$	5_{42}	$\overline{5_{42}}$	5_{43}	$\overline{5_{43}}$	5_{44}	$\overline{5_{44}}$	5_{45}	$\overline{5_{45}}$	5_{46}	$\overline{5_{46}}$	5_{47}	$\overline{5_{47}}$	5_{48}	$\overline{5_{48}}$
	5_{49}	$\overline{5_{49}}$	5_{50}	$\overline{5_{50}}$	5_{51}	$\overline{5_{51}}$	5_{52}	$\overline{5_{52}}$	5_{53}	$\overline{5_{53}}$	5_{54}	$\overline{5_{54}}$	5_{55}	$\overline{5_{55}}$	5_{56}	$\overline{5_{56}}$
	5_{57}	$\overline{5_{57}}$	5_{58}	$\overline{5_{58}}$	5_{59}	$\overline{5_{59}}$	5_{60}	$\overline{5_{60}}$	5_{61}	$\overline{5_{61}}$	5_{62}	$\overline{5_{62}}$	5_{63}	$\overline{5_{63}}$	5_{64}	$\overline{5_{64}}$
	5_{65}	$\overline{5_{65}}$	5_{66}	$\overline{5_{66}}$	5_{67}	$\overline{5_{67}}$	5_{68}	$\overline{5_{68}}$	5_{69}	$\overline{5_{69}}$	5_{70}	$\overline{5_{70}}$	5_{71}	$\overline{5_{71}}$	5_{72}	$\overline{5_{72}}$
	5_{73}	$\overline{5_{73}}$	5_{74}	$\overline{5_{74}}$	5_{75}	$\overline{5_{75}}$	5_{76}	$\overline{5_{76}}$	5_{77}	$\overline{5_{77}}$	5_{78}	$\overline{5_{78}}$	5_{79}	$\overline{5_{79}}$	5_{80}	$\overline{5_{80}}$
	5_{81}	$\overline{5_{81}}$	5_{82}	$\overline{5_{82}}$	5_{83}	$\overline{5_{83}}$	5_{84}	$\overline{5_{84}}$	5_{85}	$\overline{5_{85}}$	5_{86}	$\overline{5_{86}}$	5_{87}	$\overline{5_{87}}$	5_{88}	$\overline{5_{88}}$
	5_{89}	$\overline{5_{89}}$	5_{90}	$\overline{5_{90}}$	5_{91}	$\overline{5_{91}}$	5_{92}	$\overline{5_{92}}$	5_{93}	$\overline{5_{93}}$	5_{94}	$\overline{5_{94}}$	5_{95}	$\overline{5_{95}}$		

1.19 Knots in $L(12,1)$

#	Knots															
$\leq$ **2**	0_1	1_1	$\overline{1_1}$	2_1	$\overline{2_1}$	2_2	2_3	$\overline{2_3}$								
3	3_1	$\overline{3_1}$	3_2	$\overline{3_2}$	3_3	$\overline{3_3}$	3_4	$\overline{3_4}$	3_5	$\overline{3_5}$	3_6	$\overline{3_6}$	3_7	$\overline{3_7}$	3_8	$\overline{3_8}$
4	4_1	$\overline{4_1}$	4_2	$\overline{4_2}$	4_3	$\overline{4_3}$	4_4	$\overline{4_4}$	4_5	$\overline{4_5}$	4_6	$\overline{4_6}$	4_7	$\overline{4_7}$	4_8	$\overline{4_8}$
	4_9	$\overline{4_9}$	4_{10}	$\overline{4_{10}}$	4_{11}	$\overline{4_{11}}$	4_{12}	$\overline{4_{12}}$	4_{13}	4_{14}	4_{15}	$\overline{4_{15}}$	4_{16}	$\overline{4_{16}}$	4_{17}	$\overline{4_{17}}$
	4_{18}	$\overline{4_{18}}$	4_{19}	$\overline{4_{19}}$	4_{20}	$\overline{4_{20}}$	4_{21}	4_{22}	$\overline{4_{22}}$	4_{23}	$\overline{4_{23}}$	4_{24}	$\overline{4_{24}}$	4_{25}	$\overline{4_{25}}$	4_{26}
	$\overline{4_{26}}$	4_{27}														
5	5_1	$\overline{5_1}$	5_2	$\overline{5_2}$	5_3	$\overline{5_3}$	5_4	$\overline{5_4}$	5_5	$\overline{5_5}$	5_6	$\overline{5_6}$	5_7	$\overline{5_7}$	5_8	$\overline{5_8}$
	5_9	$\overline{5_9}$	5_{10}	$\overline{5_{10}}$	5_{11}	$\overline{5_{11}}$	5_{12}	$\overline{5_{12}}$	5_{13}	$\overline{5_{13}}$	5_{14}	$\overline{5_{14}}$	5_{15}	$\overline{5_{15}}$	5_{16}	$\overline{5_{16}}$
	5_{17}	$\overline{5_{17}}$	5_{18}	$\overline{5_{18}}$	5_{19}	$\overline{5_{19}}$	5_{20}	$\overline{5_{20}}$	5_{21}	$\overline{5_{21}}$	5_{22}	$\overline{5_{22}}$	5_{23}	$\overline{5_{23}}$	5_{24}	$\overline{5_{24}}$
	5_{25}	$\overline{5_{25}}$	5_{26}	$\overline{5_{26}}$	5_{27}	$\overline{5_{27}}$	5_{28}	$\overline{5_{28}}$	5_{29}	$\overline{5_{29}}$	5_{30}	$\overline{5_{30}}$	5_{31}	$\overline{5_{31}}$	5_{32}	$\overline{5_{32}}$
	5_{33}	$\overline{5_{33}}$	5_{34}	$\overline{5_{34}}$	5_{35}	$\overline{5_{35}}$	5_{36}	$\overline{5_{36}}$	5_{37}	$\overline{5_{37}}$	5_{38}	$\overline{5_{38}}$	5_{39}	$\overline{5_{39}}$	5_{40}	$\overline{5_{40}}$
	5_{41}	$\overline{5_{41}}$	5_{42}	$\overline{5_{42}}$	5_{43}	$\overline{5_{43}}$	5_{44}	$\overline{5_{44}}$	5_{45}	$\overline{5_{45}}$	5_{46}	$\overline{5_{46}}$	5_{47}	$\overline{5_{47}}$	5_{48}	$\overline{5_{48}}$
	5_{49}	$\overline{5_{49}}$	5_{50}	$\overline{5_{50}}$	5_{51}	$\overline{5_{51}}$	5_{52}	$\overline{5_{52}}$	5_{53}	$\overline{5_{53}}$	5_{54}	$\overline{5_{54}}$	5_{55}	$\overline{5_{55}}$	5_{56}	$\overline{5_{56}}$
	5_{57}	$\overline{5_{57}}$	5_{58}	$\overline{5_{58}}$	5_{59}	$\overline{5_{59}}$	5_{60}	$\overline{5_{60}}$	5_{61}	$\overline{5_{61}}$	5_{62}	$\overline{5_{62}}$	5_{63}	$\overline{5_{63}}$	5_{64}	$\overline{5_{64}}$
	5_{65}	$\overline{5_{65}}$	5_{66}	$\overline{5_{66}}$	5_{67}	$\overline{5_{67}}$	5_{68}	$\overline{5_{68}}$	5_{69}	$\overline{5_{69}}$	5_{70}	$\overline{5_{70}}$	5_{71}	$\overline{5_{71}}$	5_{72}	$\overline{5_{72}}$
	5_{73}	$\overline{5_{73}}$	5_{74}	$\overline{5_{74}}$	5_{75}	$\overline{5_{75}}$	5_{76}	$\overline{5_{76}}$	5_{77}	$\overline{5_{77}}$	5_{78}	$\overline{5_{78}}$	5_{79}	$\overline{5_{79}}$	5_{80}	$\overline{5_{80}}$
	5_{81}	$\overline{5_{81}}$	5_{82}	$\overline{5_{82}}$	5_{83}	$\overline{5_{83}}$	5_{84}	$\overline{5_{84}}$	5_{85}	$\overline{5_{85}}$	5_{86}	$\overline{5_{86}}$	5_{87}	$\overline{5_{87}}$	5_{88}	$\overline{5_{88}}$
	5_{89}	$\overline{5_{89}}$	5_{90}	$\overline{5_{90}}$	5_{91}	$\overline{5_{91}}$	5_{92}	$\overline{5_{92}}$	5_{93}	$\overline{5_{93}}$	5_{94}	$\overline{5_{94}}$	5_{95}	$\overline{5_{95}}$		

2 Kauffman Bracket Skein Modules

2.1 Knots in the Solid Torus

$KBSM(0_1) = x$
$KBSM(1_1) = -a^{-2}x^2 + a^{-2} + a^{-6}$
$KBSM(\overline{1_1}) = a^6 - a^2x^2 + a^2$
$KBSM(2_1) = -a^{-2}x^2 + a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{2_1}) = -a^{10} + a^6x^2 - a^6 - a^2x^2$
$KBSM(*2_2) = -a^4x + x^3 - x - a^{-4}x$
$KBSM(2_3) = a^{-4}x^3 - 2a^{-4}x - a^{-8}x$
$KBSM(\overline{2_3}) = -a^8x + a^4x^3 - 2a^4x$
$KBSM(3_1) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-8}x + a^{-12}x$
$KBSM(\overline{3_1}) = a^{12}x - a^8x^3 + a^8x + a^4x^3 - a^4x$
$KBSM(3_2) = a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$
$KBSM(\overline{3_2}) = a^2x^2 - a^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2$
$KBSM(3_3) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{3_3}) = a^{14} - a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2$
$KBSM(3_4) = -a^4x + x^3 - a^{-4}x^3 + a^{-4}x + a^{-8}x$
$KBSM(\overline{3_4}) = a^8x - a^4x^3 + a^4x + x^3 - a^{-4}x$
$KBSM(3_5) = a^2x^2 - a^{-2}x^4 + a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{3_5}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^2x^2 + a^{-2}x^2$
$KBSM(3_6) = -a^{-6}x^4 + 3a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10}$
$KBSM(\overline{3_6}) = a^{10}x^2 - a^{10} - a^6x^4 + 3a^6x^2 - a^6$
$KBSM(3_7) = -a^{-6}x^2 + a^{-6} + a^{-18}$
$KBSM(\overline{3_7}) = a^{18} - a^6x^2 + a^6$
$KBSM(3_8) = -a^{-2} - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(\overline{3_8}) = a^{14}x^2 - a^{14} - a^{10}x^2 - a^2$
$KBSM(4_1) = -a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 2a^{-10}x^2 + a^{-10} - a^{-14}x^2 + a^{-14}$
$KBSM(\overline{4_1}) = -a^{14}x^2 + a^{14} + a^{10}x^4 - 2a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2$
$KBSM(4_2) = -a^8x^3 + a^8x + a^4x^5 - 3a^4x^3 + 2a^4x - x^3 + 2x$
$KBSM(\overline{4_2}) = -x^3 + 2x + a^{-4}x^5 - 3a^{-4}x^3 + 2a^{-4}x - a^{-8}x^3 + a^{-8}x$
$KBSM(4_3) = a^{-4}x^3 - 2a^{-8}x^3 + 2a^{-8}x + a^{-12}x^3 - a^{-16}x$
$KBSM(\overline{4_3}) = -a^{16}x + a^{12}x^3 - 2a^8x^3 + 2a^8x + a^4x^3$
$KBSM(4_4) = a^2x^2 - a^{-2}x^4 + a^{-2} + a^{-6}x^4 - a^{-6}x^2 + a^{-6} - a^{-10}x^2$
$KBSM(\overline{4_4}) = -a^{10}x^2 + a^6x^4 - a^6x^2 + a^6 - a^2x^4 + a^2 + a^{-2}x^2$
$KBSM(4_5) = -a^4x^3 + x^5 - 2x^3 + 2x - 2a^{-4}x^3 + 2a^{-4}x + a^{-8}x$
$KBSM(\overline{4_5}) = a^8x - 2a^4x^3 + 2a^4x + x^5 - 2x^3 + 2x - a^{-4}x^3$
$KBSM(4_6) = -a^{-6}x^2 + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{4_6}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2$
$KBSM(4_7) = a^{-4}x - a^{-8}x + a^{-12}x^3 - a^{-16}x^3 + a^{-20}x$
$KBSM(\overline{4_7}) = a^{20}x - a^{16}x^3 + a^{12}x^3 - a^8x + a^4x$
$KBSM(4_8) = -a^{16}x + a^{12}x - a^8x + a^4x^3 - a^4x - x$
$KBSM(\overline{4_8}) = -x + a^{-4}x^3 - a^{-4}x - a^{-8}x + a^{-12}x - a^{-16}x$
$KBSM(4_9) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2 + a^{-2}$
$KBSM(\overline{4_9}) = a^2 - a^{-2}x^2 + a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2$
$KBSM(4_{10}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{4_{10}}) = -a^{18} + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^2$
$KBSM(4_{11}) = -a^4x + x^3 - a^{-4}x^3 + a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(\overline{4_{11}}) = -a^{12}x + a^8x^3 - a^8x - a^4x^3 + x^3 - a^{-4}x$
$KBSM(4_{12}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 - 2a^{-10}x^2 + a^{-10} + a^{-14}$

$KBSM(\overline{4_{12}}) = a^{14} - 2a^{10}x^2 + a^{10} + a^6x^4 - a^2x^4 + a^{-2}x^2$
$KBSM(*4_{13}) = a^8x - a^4x^3 + 2x^3 - x - a^{-4}x^3 + a^{-8}x$
$KBSM(*4_{14}) = a^8x - 2a^4x^3 + a^4x + x^5 - x^3 + x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x$
$KBSM(4_{15}) = -a^6x^2 + a^2x^4 - a^2x^2 - a^{-2}x^4 + 2a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{4_{15}}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^2$
$KBSM(4_{16}) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-12}x^3 - a^{-12}x - a^{-16}x$
$KBSM(\overline{4_{16}}) = -a^{16}x + a^{12}x^3 - a^{12}x - a^8x^3 + a^4x^3 - a^4x$
$KBSM(4_{17}) = a^6x^2 - a^2x^4 + a^2x^2 + a^{-2}x^4 - 2a^{-2}x^2 + a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(\overline{4_{17}}) = -a^6x^2 + a^6 + a^2x^4 - 2a^2x^2 + a^2 - a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^2$
$KBSM(4_{18}) = -x^3 + x + a^{-4}x^5 - 2a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + 2a^{-8}x + a^{-12}x$
$KBSM(\overline{4_{18}}) = a^{12}x - 2a^8x^3 + 2a^8x + a^4x^5 - 2a^4x^3 + a^4x - x^3 + x$
$KBSM(4_{19}) = -a^{10}x^2 + a^6x^4 - a^6x^2 - a^2x^4 + a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$
$KBSM(\overline{4_{19}}) = a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-6}x^2 - a^{-10}x^2$
$KBSM(4_{20}) = -a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^4 - a^{-10}x^2 - a^{-10} - a^{-14}x^2$
$KBSM(\overline{4_{20}}) = -a^{14}x^2 + a^{10}x^4 - a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6$
$KBSM(*4_{21}) = -a^4x^3 + a^4x + x^5 - 3x^3 + 3x - a^{-4}x^3 + a^{-4}x$
$KBSM(4_{22}) = a^{-8}x^3 - 2a^{-8}x - a^{-16}x$
$KBSM(\overline{4_{22}}) = -a^{16}x + a^8x^3 - 2a^8x$
$KBSM(4_{23}) = -a^{12}x^3 + 2a^{12}x + a^8x^3 - a^8x$
$KBSM(\overline{4_{23}}) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(4_{24}) = a^{-8}x^5 - 4a^{-8}x^3 + 3a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(\overline{4_{24}}) = -a^{12}x^3 + 2a^{12}x + a^8x^5 - 4a^8x^3 + 3a^8x$
$KBSM(4_{25}) = -a^6x^2 + a^6 + a^2x^2 - a^2 - a^{-2} - a^{-10}$
$KBSM(\overline{4_{25}}) = -a^{10} - a^2 + a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(4_{26}) = -a^6x^2 + a^6 + a^2x^2 - a^{-2}x^2 + a^{-2} + a^{-6} - a^{-10}$
$KBSM(\overline{4_{26}}) = -a^{10} + a^6 - a^2x^2 + a^2 + a^{-2}x^2 - a^{-6}x^2 + a^{-6}$
$KBSM(*4_{27}) = a^8x - 2a^4x + x^3 - x - 2a^{-4}x + a^{-8}x$
$KBSM(5_1) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(\overline{5_1}) = -a^{12}x^3 + 2a^{12}x + a^8x^3 - a^8x$
$KBSM(5_2) = a^{-6} - a^{-10}x^4 + a^{-10}x^2 + a^{-14}x^4 - a^{-14}x^2 - a^{-18}x^2 + a^{-18}$
$KBSM(\overline{5_2}) = -a^{18}x^2 + a^{18} + a^{14}x^4 - a^{14}x^2 - a^{10}x^4 + a^{10}x^2 + a^6$
$KBSM(5_3) = -a^{12}x^3 + a^{12}x + 2a^8x^3 - 2a^8x - a^4x^3 + a^4x + x$
$KBSM(\overline{5_3}) = x - a^{-4}x^3 + a^{-4}x + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x^3 + a^{-12}x$
$KBSM(5_4) = a^{14}x^2 - a^{14} - a^6x^4 + 2a^6x^2 + a^2x^2 - a^2$
$KBSM(\overline{5_4}) = a^{-2}x^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(5_5) = a^{-8}x^5 - 3a^{-8}x^3 + a^{-8}x - a^{-12}x^5 + 3a^{-12}x^3 - 2a^{-12}x + a^{-16}x^3 - 2a^{-16}x$
$KBSM(\overline{5_5}) = a^{16}x^3 - 2a^{16}x - a^{12}x^5 + 3a^{12}x^3 - 2a^{12}x + a^8x^5 - 3a^8x^3 + a^8x$
$KBSM(5_6) = a^{10}x^4 - 2a^{10}x^2 - a^6x^6 + 4a^6x^4 - 4a^6x^2 + a^6 + a^2x^4 - 3a^2x^2 + a^2$
$KBSM(\overline{5_6}) = a^{-2}x^4 - 3a^{-2}x^2 + a^{-2} - a^{-6}x^6 + 4a^{-6}x^4 - 4a^{-6}x^2 + a^{-6} + a^{-10}x^4 - 2a^{-10}x^2$
$KBSM(5_7) = -a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^4 - 3a^{-10}x^2 - a^{-14}x^4 + a^{-14}x^2 - a^{-14} + a^{-18}x^2 - a^{-18}$
$KBSM(\overline{5_7}) = a^{18}x^2 - a^{18} - a^{14}x^4 + a^{14}x^2 - a^{14} + 2a^{10}x^4 - 3a^{10}x^2 - a^6x^4 + a^6x^2$
$KBSM(5_8) = -x^3 + x + a^{-4}x^5 - a^{-4}x^3 - a^{-4}x - a^{-8}x^5 + 2a^{-8}x^3 - 2a^{-8}x + a^{-12}x^3 - a^{-12}x$
$KBSM(\overline{5_8}) = a^{12}x^3 - a^{12}x - a^8x^5 + 2a^8x^3 - 2a^8x + a^4x^5 - a^4x^3 - a^4x - x^3 + x$
$KBSM(5_9) = a^6x^4 - a^6x^2 - a^2x^6 + 3a^2x^4 - 3a^2x^2 + 2a^{-2}x^4 - 4a^{-2}x^2 + a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(\overline{5_9}) = -a^6x^2 + a^6 + 2a^2x^4 - 4a^2x^2 + a^2 - a^{-2}x^6 + 3a^{-2}x^4 - 3a^{-2}x^2 + a^{-6}x^4 - a^{-6}x^2$
$KBSM(5_{10}) = a^{-4}x^3 - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x^3 + a^{-20}x$
$KBSM(\overline{5_{10}}) = a^{20}x - a^{16}x^3 + 2a^{12}x^3 - a^{12}x - 2a^8x^3 + a^8x + a^4x^3$
$KBSM(5_{11}) = a^2x^2 - a^{-2}x^4 - a^{-2}x^2 + a^{-2} + 2a^{-6}x^4 - 2a^{-6}x^2 + a^{-6} - a^{-10}x^4 + a^{-14}x^2$
$KBSM(\overline{5_{11}}) = a^{14}x^2 - a^{10}x^4 + 2a^6x^4 - 2a^6x^2 + a^6 - a^2x^4 - a^2x^2 + a^2 + a^{-2}x^2$
$KBSM(5_{12}) = -x^3 + a^{-4}x^5 - a^{-4}x - a^{-8}x^5 + 2a^{-12}x^3 - a^{-12}x - a^{-16}x$

$KBSM(\overline{5_{12}}) = -a^{16}x + 2a^{12}x^3 - a^{12}x - a^8x^5 + a^4x^5 - a^4x - x^3$
$KBSM(5_{13}) = -a^6x^2 + a^2x^4 - a^2 - 2a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-10}x^2$
$KBSM(\overline{5_{13}}) = -a^{10}x^2 + a^6x^4 - 2a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^4 - a^{-2} - a^{-6}x^2$
$KBSM(5_{14}) = -a^4x^3 + x^5 - x^3 + x - a^{-4}x^5 + a^{-4}x^3 - a^{-4}x + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x$
$KBSM(\overline{5_{14}}) = -a^{12}x + 2a^8x^3 - 2a^8x - a^4x^5 + a^4x^3 - a^4x + x^5 - x^3 + x - a^{-4}x^3$
$KBSM(5_{15}) = -a^{10}x^2 + 2a^6x^4 - 2a^6x^2 + a^6 - a^2x^6 + 2a^2x^4 - 3a^2x^2 + a^2 + 2a^{-2}x^4 - 2a^{-2}x^2 - a^{-6}x^2$
$KBSM(\overline{5_{15}}) = -a^6x^2 + 2a^2x^4 - 2a^2x^2 - a^{-2}x^6 + 2a^{-2}x^4 - 3a^{-2}x^2 + a^{-2} + 2a^{-6}x^4 - 2a^{-6}x^2 + a^{-6} - a^{-10}x^2$
$KBSM(5_{16}) = a^8x^3 - a^4x^5 + a^4x^3 - a^4x + x^5 - 2a^{-4}x^3 + a^{-4}x + a^{-8}x$
$KBSM(\overline{5_{16}}) = a^8x - 2a^4x^3 + a^4x + x^5 - a^{-4}x^5 + a^{-4}x^3 - a^{-4}x + a^{-8}x^3$
$KBSM(5_{17}) = a^{14}x^2 - a^{10}x^4 + a^{10}x^2 - a^{10} + a^6x^4 + a^6x^2 - a^6 - a^2x^4 + a^{-2}x^2$
$KBSM(\overline{5_{17}}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 + a^{-6}x^2 - a^{-6} - a^{-10}x^4 + a^{-10}x^2 - a^{-10} + a^{-14}x^2$
$KBSM(5_{18}) = -a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^4 - 3a^{-10}x^2 + a^{-10} - a^{-14}x^4 + a^{-14} + a^{-18}x^2$
$KBSM(\overline{5_{18}}) = a^{18}x^2 - a^{14}x^4 + a^{14} + 2a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + a^6x^2$
$KBSM(5_{19}) = -a^4x^3 + x^5 - x^3 - a^{-4}x^5 + 2a^{-4}x^3 - 2a^{-4}x + a^{-8}x^3 - a^{-8}x$
$KBSM(\overline{5_{19}}) = a^8x^3 - a^8x - a^4x^5 + 2a^4x^3 - 2a^4x + x^5 - x^3 - a^{-4}x^3$
$KBSM(5_{20}) = a^2x^4 - a^2x^2 - a^{-2}x^6 + 3a^{-2}x^4 - 4a^{-2}x^2 + a^{-2} + 2a^{-6}x^4 - 3a^{-6}x^2 + a^{-6} - a^{-10}x^2$
$KBSM(\overline{5_{20}}) = -a^{10}x^2 + 2a^6x^4 - 3a^6x^2 + a^6 - a^2x^6 + 3a^2x^4 - 4a^2x^2 + a^2 + a^{-2}x^4 - a^{-2}x^2$
$KBSM(5_{21}) = a^{12}x^3 - a^8x^5 + a^8x^3 + a^4x^5 - a^4x^3 - x^3 + x$
$KBSM(\overline{5_{21}}) = -x^3 + x + a^{-4}x^5 - a^{-4}x^3 - a^{-8}x^5 + a^{-8}x^3 + a^{-12}x^3$
$KBSM(5_{22}) = -a^6x^2 + a^2x^4 - a^2x^2 - a^{-2}x^4 + a^{-2} + a^{-6}x^2 + a^{-6}$
$KBSM(\overline{5_{22}}) = a^6x^2 + a^6 - a^2x^4 + a^2 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^2$
$KBSM(5_{23}) = -a^{12}x + a^8x^3 - a^8x - a^4x^3 + a^4x + 2x$
$KBSM(\overline{5_{23}}) = 2x - a^{-4}x^3 + a^{-4}x + a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(5_{24}) = -a^{-6}x^4 + 3a^{-6}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{5_{24}}) = -a^{18} + a^{14}x^2 - a^{14} - a^6x^4 + 3a^6x^2$
$KBSM(5_{25}) = -a^{-6}x^2 + 2a^{-10}x^2 - a^{-14}x^4 - a^{-14}x^2 + a^{-14} + a^{-18}x^4 + a^{-18}x^2 - 2a^{-22}x^2 + a^{-26}$
$KBSM(\overline{5_{25}}) = a^{26} - 2a^{22}x^2 + a^{18}x^4 + a^{18}x^2 - a^{14}x^4 - a^{14}x^2 + a^{14} + 2a^{10}x^2 - a^6x^2$
$KBSM(5_{26}) = -x + a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-16}x^3 - a^{-16}x + a^{-20}x$
$KBSM(\overline{5_{26}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - 2a^8x^3 + a^8x + a^4x^3 + a^4x - x$
$KBSM(5_{27}) = -x + a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-16}x^3 - a^{-16}x + a^{-20}x$
$KBSM(\overline{5_{27}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - 2a^8x^3 + a^8x + a^4x^3 + a^4x - x$
$KBSM(5_{28}) = a^{14}x^2 - 2a^{10}x^2 + 3a^6x^2 - a^6 - a^2x^4 + 2a^{-2}x^2 - a^{-6}$
$KBSM(\overline{5_{28}}) = -a^6 + 2a^2x^2 - a^{-2}x^4 + 3a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^2$
$KBSM(5_{29}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 - a^{-10} + a^{-14}$
$KBSM(\overline{5_{29}}) = a^{14} - a^{10}x^2 - a^{10} + 2a^6x^2 - a^6 - 2a^2x^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$
$KBSM(5_{30}) = a^8x - a^4x + 2x - a^{-4}x^3 + a^{-8}x^3 - a^{-12}x$
$KBSM(\overline{5_{30}}) = -a^{12}x + a^8x^3 - a^4x^3 + 2x - a^{-4}x + a^{-8}x$
$KBSM(5_{31}) = a^8x - 2a^4x + x^3 + x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x^3 + a^{-8}x - a^{-12}x$
$KBSM(\overline{5_{31}}) = -a^{12}x + a^8x^3 + a^8x - 2a^4x^3 + a^4x + x^3 + x - 2a^{-4}x + a^{-8}x$
$KBSM(5_{32}) = a^8x - 2a^4x + x^3 - a^{-4}x^3 - a^{-4}x + a^{-8}x^3 - a^{-12}x$
$KBSM(\overline{5_{32}}) = -a^{12}x + a^8x^3 - a^4x^3 - a^4x + x^3 - 2a^{-4}x + a^{-8}x$
$KBSM(5_{33}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + a^{-2} + a^{-6}x^2 + a^{-6} - a^{-10}x^2 + a^{-14}$
$KBSM(\overline{5_{33}}) = a^{14} - a^{10}x^2 + a^6x^2 + a^6 - 2a^2x^2 + a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$
$KBSM(5_{34}) = -a^6x^2 + 3a^2x^2 - a^2 - a^{-2}x^4 + 3a^{-6}x^2 - a^{-6} - a^{-10}x^2 - a^{-10} + a^{-14}$
$KBSM(\overline{5_{34}}) = a^{14} - a^{10}x^2 - a^{10} + 3a^6x^2 - a^6 - a^2x^4 + 3a^{-2}x^2 - a^{-2} - a^{-6}x^2$
$KBSM(5_{35}) = -a^{-6}x^2 + 2a^{-10}x^2 - a^{-10} - a^{-14}x^4 - a^{-14} + a^{-18}x^4 + a^{-18}x^2 - a^{-18} - 2a^{-22}x^2 + a^{-26}$
$KBSM(\overline{5_{35}}) = a^{26} - 2a^{22}x^2 + a^{18}x^4 + a^{18}x^2 - a^{18} - a^{14}x^4 - a^{14} + 2a^{10}x^2 - a^{10} - a^6x^2$
$KBSM(5_{36}) = -x + a^{-4}x^3 - a^{-8}x^3 - a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x^3 - a^{-16}x + a^{-20}x$
$KBSM(\overline{5_{36}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - a^{12}x - a^8x^3 - a^8x + a^4x^3 - x$
$KBSM(5_{37}) = a^{14}x^2 - 2a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-6}$

$KBSM(\overline{5_{37}}) = -a^6 + a^2x^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^2$

$KBSM(5_{38}) = -a^{-2} + a^{-6}x^2 - a^{-6} - a^{-10}x^4 + a^{-10}x^2 - a^{-10} + a^{-14}x^4 - a^{-14}x^2 - a^{-18}x^2 + a^{-18}$

$KBSM(\overline{5_{38}}) = -a^{18}x^2 + a^{18} + a^{14}x^4 - a^{14}x^2 - a^{10}x^4 + a^{10}x^2 - a^{10} + a^6x^2 - a^6 - a^2$

$KBSM(5_{39}) = -a^{12}x^3 + a^{12}x + 2a^8x^3 - 2a^8x - a^4x^3 + x^3 - x - a^{-4}x$

$KBSM(\overline{5_{39}}) = -a^4x + x^3 - x - a^{-4}x^3 + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x^3 + a^{-12}x$

$KBSM(5_{40}) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + a^{-12}x + a^{-16}x^3 - a^{-16}x - a^{-20}x^3 + a^{-20}x + a^{-24}x$

$KBSM(\overline{5_{40}}) = a^{24}x - a^{20}x^3 + a^{20}x + a^{16}x^3 - a^{16}x - a^{12}x^3 + a^{12}x + a^8x^3 - a^8x$

$KBSM(5_{41}) = a^{18} + a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6 + a^2x^2 - a^2$

$KBSM(\overline{5_{41}}) = a^{-2}x^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10} + a^{-18}$

$KBSM(5_{42}) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-12}x^3 - a^{-16}x^3 + a^{-16}x + a^{-20}x$

$KBSM(\overline{5_{42}}) = a^{20}x - a^{16}x^3 + a^{16}x + a^{12}x^3 - a^8x^3 + a^4x^3 - a^4x$

$KBSM(5_{43}) = a^6x^2 - a^2x^4 + a^2x^2 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10}$

$KBSM(\overline{5_{43}}) = a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6 + a^2x^4 - a^2x^2 - a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^2$

$KBSM(5_{44}) = -x^3 + x + a^{-4}x^5 - a^{-4}x^3 - a^{-8}x^5 + a^{-8}x^3 - a^{-8}x + 2a^{-12}x^3 - 2a^{-12}x - a^{-16}x$

$KBSM(\overline{5_{44}}) = -a^{16}x + 2a^{12}x^3 - 2a^{12}x - a^8x^5 + a^8x^3 - a^8x + a^4x^5 - a^4x^3 - x^3 + x$

$KBSM(5_{45}) = -a^{10}x^2 + a^6x^4 - 2a^2x^4 + 2a^2x^2 + a^{-2}x^4 - a^{-2}x^2 + a^{-2} - a^{-6}x^2 + a^{-6}$

$KBSM(\overline{5_{45}}) = -a^6x^2 + a^6 + a^2x^4 - a^2x^2 + a^2 - 2a^{-2}x^4 + 2a^{-2}x^2 + a^{-6}x^4 - a^{-10}x^2$

$KBSM(5_{46}) = -x^3 + x + a^{-4}x^5 - a^{-4}x^3 + a^{-4}x - a^{-8}x^5 + a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x$

$KBSM(\overline{5_{46}}) = -a^{16}x + 2a^{12}x^3 - a^{12}x - a^8x^5 + a^8x + a^4x^5 - a^4x^3 + a^4x - x^3 + x$

$KBSM(5_{47}) = -a^{10}x^2 + 2a^6x^4 - 2a^6x^2 - a^2x^6 + 2a^2x^4 - 2a^2x^2 + 2a^{-2}x^4 - 3a^{-2}x^2 + a^{-2} - a^{-6}x^2 + a^{-6}$

$KBSM(\overline{5_{47}}) = -a^6x^2 + a^6 + 2a^2x^4 - 3a^2x^2 + a^2 - a^{-2}x^6 + 2a^{-2}x^4 - 2a^{-2}x^2 + 2a^{-6}x^4 - 2a^{-6}x^2 - a^{-10}x^2$

$KBSM(5_{48}) = a^4x^3 - a^4x - x^5 + 2x^3 - x + a^{-4}x^5 - a^{-4}x^3 - 2a^{-8}x^3 + 2a^{-8}x + a^{-12}x$

$KBSM(\overline{5_{48}}) = a^{12}x - 2a^8x^3 + 2a^8x + a^4x^5 - a^4x^3 - x^5 + 2x^3 - x + a^{-4}x^3 - a^{-4}x$

$KBSM(5_{49}) = a^{14}x^2 - a^{10}x^4 + a^{10}x^2 + a^6x^4 - a^2x^4 + a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$

$KBSM(\overline{5_{49}}) = a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-10}x^4 + a^{-10}x^2 + a^{-14}x^2$

$KBSM(5_{50}) = -a^{-6}x^2 + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + 2a^{-18}x^2 - a^{-22}x^2 + a^{-26}$

$KBSM(\overline{5_{50}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2$

$KBSM(5_{51}) = a^{-4}x - a^{-8}x + a^{-12}x^3 + a^{-12}x - 2a^{-16}x^3 + a^{-16}x + a^{-20}x^3 - a^{-24}x$

$KBSM(\overline{5_{51}}) = -a^{24}x + a^{20}x^3 - 2a^{16}x^3 + a^{16}x + a^{12}x^3 + a^{12}x - a^8x + a^4x$

$KBSM(5_{52}) = -a^{16}x + a^{12}x - a^8x + a^4x^3 - x^3 + x + a^{-4}x$

$KBSM(\overline{5_{52}}) = a^4x - x^3 + x + a^{-4}x^3 - a^{-8}x + a^{-12}x - a^{-16}x$

$KBSM(5_{53}) = a^{-2}x^2 - a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}$

$KBSM(\overline{5_{53}}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + 2a^{10}x^2 - a^{10} - a^6x^4 + a^6x^2 + a^2x^2$

$KBSM(5_{54}) = a^{20}x - a^{16}x^3 + a^{12}x^3 + a^{12}x - a^8x^3 + a^4x^3 - x$

$KBSM(\overline{5_{54}}) = -x + a^{-4}x^3 - a^{-8}x^3 + a^{-12}x^3 + a^{-12}x - a^{-16}x^3 + a^{-20}x$

$KBSM(5_{55}) = -a^{18}x^2 + a^{14}x^4 - a^{10}x^4 - a^{10}x^2 + a^{10} + 2a^6x^2 - a^2x^2 + a^{-2}$

$KBSM(\overline{5_{55}}) = a^2 - a^{-2}x^2 + 2a^{-6}x^2 - a^{-10}x^4 - a^{-10}x^2 + a^{-10} + a^{-14}x^4 - a^{-18}x^2$

$KBSM(5_{56}) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + 2a^6x^2 - a^2x^4 + a^2x^2 - a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}$

$KBSM(\overline{5_{56}}) = -a^6 + 2a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + 2a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2$

$KBSM(5_{57}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-18}x^2 + a^{-18} + a^{-22}$

$KBSM(\overline{5_{57}}) = a^{22} - a^{18}x^2 + a^{18} + a^{14}x^2 - a^{10}x^2 + a^6x^2 - a^2x^2$

$KBSM(5_{58}) = -a^4x + x^3 - a^{-4}x^3 + a^{-8}x^3 - a^{-12}x^3 + a^{-12}x + a^{-16}x$

$KBSM(\overline{5_{58}}) = a^{16}x - a^{12}x^3 + a^{12}x + a^8x^3 - a^4x^3 + x^3 - a^{-4}x$

$KBSM(5_{59}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 + a^{-6}x^2 - a^{-10}x^4 + 2a^{-14}x^2 - a^{-14} - a^{-18}$

$KBSM(\overline{5_{59}}) = -a^{18} + 2a^{14}x^2 - a^{14} - a^{10}x^4 + a^6x^4 + a^6x^2 - a^2x^4 + a^{-2}x^2$

$KBSM(5_{60}) = a^8x - a^4x^3 + 2x^3 - 2a^{-4}x^3 + a^{-4}x + a^{-8}x^3 - a^{-12}x$

$KBSM(\overline{5_{60}}) = -a^{12}x + a^8x^3 - 2a^4x^3 + a^4x + 2x^3 - a^{-4}x^3 + a^{-8}x$

$KBSM(5_{61}) = a^2x^2 - a^{-2}x^4 - a^{-2}x^2 + 2a^{-6}x^4 - a^{-6}x^2 - a^{-10}x^4 - a^{-10}x^2 + 2a^{-14}x^2 - a^{-14} - a^{-18}$

$KBSM(\overline{5_{61}}) = -a^{18} + 2a^{14}x^2 - a^{14} - a^{10}x^4 - a^{10}x^2 + 2a^6x^4 - a^6x^2 - a^2x^4 - a^2x^2 + a^{-2}x^2$

$KBSM(5_{62}) = a^8x - 2a^4x^3 + x^5 + x^3 - x - a^{-4}x^5 - a^{-4}x + 2a^{-8}x^3 - a^{-8}x - a^{-12}x$

$KBSM(\overline{5_{62}}) = -a^{12}x + 2a^8x^3 - a^8x - a^4x^5 - a^4x + x^5 + x^3 - x - 2a^{-4}x^3 + a^{-8}x$
$KBSM(5_{63}) = -a^6x^2 + a^2x^4 - 2a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^4 + a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{5_{63}}) = a^{14} - 2a^{10}x^2 + a^{10} + a^6x^4 + a^6x^2 - 2a^2x^4 + a^2x^2 + a^{-2}x^4 - a^{-6}x^2$
$KBSM(5_{64}) = a^8x - 2a^4x^3 + a^4x + x^5 + x - a^{-4}x^5 + 2a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(\overline{5_{64}}) = -a^{12}x + 2a^8x^3 - a^8x - a^4x^5 + x^5 + x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x$
$KBSM(5_{65}) = -a^6x^2 + 2a^2x^4 - a^2x^2 - a^{-2}x^6 + a^{-2}x^4 - 2a^{-2}x^2 + 3a^{-6}x^4 - 2a^{-6}x^2 - 3a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{5_{65}}) = a^{14} - 3a^{10}x^2 + a^{10} + 3a^6x^4 - 2a^6x^2 - a^2x^6 + a^2x^4 - 2a^2x^2 + 2a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^2$
$KBSM(5_{66}) = a^{10}x^2 - a^6x^4 + a^6x^2 + a^2x^4 - a^{-2}x^4 + 2a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{5_{66}}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^{-2}x^4 - a^{-6}x^4 + a^{-6}x^2 + a^{-10}x^2$
$KBSM(5_{67}) = -a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - a^{-10}x^2 - a^{-14}x^4 + 2a^{-14}x^2 - a^{-14} + a^{-18}x^2 - a^{-18}$
$KBSM(\overline{5_{67}}) = a^{18}x^2 - a^{18} - a^{14}x^4 + 2a^{14}x^2 - a^{14} + a^{10}x^4 - a^{10}x^2 - a^6x^4 + 2a^6x^2$
$KBSM(5_{68}) = -a^8x^3 + a^8x + a^4x^5 - 2a^4x^3 - x^5 + 3x^3 - 2x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(\overline{5_{68}}) = a^4x^3 - 2a^4x - x^5 + 3x^3 - 2x + a^{-4}x^5 - 2a^{-4}x^3 - a^{-8}x^3 + a^{-8}x$
$KBSM(5_{69}) = a^{-2}x^4 - 2a^{-2}x^2 - a^{-6}x^6 + 3a^{-6}x^4 - 2a^{-6}x^2 + 2a^{-10}x^4 - 4a^{-10}x^2 + a^{-10} - a^{-14}x^2 + a^{-14}$
$KBSM(\overline{5_{69}}) = -a^{14}x^2 + a^{14} + 2a^{10}x^4 - 4a^{10}x^2 + a^{10} - a^6x^6 + 3a^6x^4 - 2a^6x^2 + a^2x^4 - 2a^2x^2$
$KBSM(5_{70}) = a^{12}x^3 - a^{12}x - a^8x^5 + 2a^8x^3 - a^8x + a^4x^5 - 2a^4x^3 + a^4x - x^3 + 2x$
$KBSM(\overline{5_{70}}) = -x^3 + 2x + a^{-4}x^5 - 2a^{-4}x^3 + a^{-4}x - a^{-8}x^5 + 2a^{-8}x^3 - a^{-8}x + a^{-12}x^3 - a^{-12}x$
$KBSM(5_{71}) = a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2 - a^2 + a^{-2}x^2 - a^{-2} - a^{-6}$
$KBSM(\overline{5_{71}}) = -a^6 + a^2x^2 - a^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 3a^{-10}x^2 + a^{-10}$
$KBSM(5_{72}) = a^{-8}x^5 - 3a^{-8}x^3 + 2a^{-8}x - a^{-12}x^5 + 2a^{-12}x^3 + a^{-16}x^3 - a^{-16}x$
$KBSM(\overline{5_{72}}) = a^{16}x^3 - a^{16}x - a^{12}x^5 + 2a^{12}x^3 + a^8x^5 - 3a^8x^3 + 2a^8x$
$KBSM(5_{73}) = a^6x^4 - 2a^6x^2 + a^6 - a^2x^6 + 4a^2x^4 - 5a^2x^2 + a^2 + a^{-2}x^4 - 2a^{-2}x^2$
$KBSM(\overline{5_{73}}) = a^2x^4 - 2a^2x^2 - a^{-2}x^6 + 4a^{-2}x^4 - 5a^{-2}x^2 + a^{-2} + a^{-6}x^4 - 2a^{-6}x^2 + a^{-6}$
$KBSM(5_{74}) = -a^{-10}x^4 + 3a^{-10}x^2 - a^{-10} + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{5_{74}}) = -a^{22} + a^{18}x^2 - a^{10}x^4 + 3a^{10}x^2 - a^{10}$
$KBSM(5_{75}) = a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2 + a^{-2}$
$KBSM(\overline{5_{75}}) = a^2 - a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 3a^{-10}x^2 + a^{-10}$
$KBSM(5_{76}) = a^4x^3 - 2a^4x - x^3 + x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(\overline{5_{76}}) = a^4x^3 - 2a^4x - x^3 + x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(5_{77}) = -a^6x^2 + a^6 + 2a^2x^2 - a^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2 - a^{-10}$
$KBSM(\overline{5_{77}}) = -a^{10} + a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(5_{78}) = a^4x^3 - 2a^4x - x^3 + 2x + a^{-8}x$
$KBSM(\overline{5_{78}}) = a^8x - x^3 + 2x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(5_{79}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - a^{-14}x^4 + a^{-14}x^2 + a^{-18}x^4 - a^{-18}x^2 + a^{-18} - a^{-22}x^2$
$KBSM(\overline{5_{79}}) = -a^{22}x^2 + a^{18}x^4 - a^{18}x^2 + a^{18} - a^{14}x^4 + a^{14}x^2 + a^{10}x^2 - a^6x^2 + a^6$
$KBSM(5_{80}) = a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^2$
$KBSM(\overline{5_{80}}) = a^2x^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(5_{81}) = -a^{-10}x^4 + 3a^{-10}x^2 - a^{-10} - a^{-14} + 2a^{-18}x^2 - a^{-18} - a^{-22}x^2 + a^{-26}$
$KBSM(\overline{5_{81}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - a^{18} - a^{14} - a^{10}x^4 + 3a^{10}x^2 - a^{10}$
$KBSM(5_{82}) = -a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^4 - a^{-10} - a^{-14}x^4 + a^{-14}x^2 + a^{-18}x^2$
$KBSM(\overline{5_{82}}) = a^{18}x^2 - a^{14}x^4 + a^{14}x^2 + a^{10}x^4 - a^{10} - a^6x^4 + 2a^6x^2 - a^6$
$KBSM(5_{83}) = -a^4x^3 + a^4x + x^5 - 2x^3 + 2x - a^{-4}x^5 + 2a^{-4}x^3 - a^{-4}x + a^{-8}x^3 - a^{-8}x$
$KBSM(\overline{5_{83}}) = a^8x^3 - a^8x - a^4x^5 + 2a^4x^3 - a^4x + x^5 - 2x^3 + 2x - a^{-4}x^3 + a^{-4}x$
$KBSM(5_{84}) = a^{-2}x^4 - 2a^{-2}x^2 + a^{-2} - a^{-6}x^6 + 3a^{-6}x^4 - 3a^{-6}x^2 + a^{-6} + 2a^{-10}x^4 - 3a^{-10}x^2 - a^{-14}x^2$
$KBSM(\overline{5_{84}}) = -a^{14}x^2 + 2a^{10}x^4 - 3a^{10}x^2 - a^6x^6 + 3a^6x^4 - 3a^6x^2 + a^6 + a^2x^4 - 2a^2x^2 + a^2$
$KBSM(5_{85}) = -a^{-10}x^6 + 5a^{-10}x^4 - 6a^{-10}x^2 + a^{-10} + a^{-14}x^4 - 3a^{-14}x^2 + a^{-14}$
$KBSM(\overline{5_{85}}) = a^{14}x^4 - 3a^{14}x^2 + a^{14} - a^{10}x^6 + 5a^{10}x^4 - 6a^{10}x^2 + a^{10}$
$KBSM(5_{86}) = a^{14} - a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-2} - a^{-6}$
$KBSM(\overline{5_{86}}) = -a^6 + a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 + a^{-14}$
$KBSM(5_{87}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18} + a^{-26}$

$KBSM(\overline{5_{87}}) = a^{26} + a^{18} - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2 + a^6$
$KBSM(5_{88}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + a^{-18}x^2 - a^{-22} + a^{-26}$
$KBSM(\overline{5_{88}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2 + a^6$
$KBSM(5_{89}) = -a^{-6}x^2 + 2a^{-10}x^2 - 2a^{-10} - 2a^{-14}x^2 + a^{-18}x^2 - a^{-22} + a^{-26}$
$KBSM(\overline{5_{89}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + 2a^{10}x^2 - 2a^{10} - a^6x^2$
$KBSM(5_{90}) = -a^{-2} + a^{-6} - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}x^2 + a^{-22}x^2 - a^{-22}$
$KBSM(\overline{5_{90}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6 - a^2$
$KBSM(5_{91}) = -a^{-2} - a^{-10} - a^{-18}x^2 + a^{-18} + a^{-22}x^2 - a^{-22}$
$KBSM(\overline{5_{91}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{18} - a^{10} - a^2$
$KBSM(5_{92}) = a^{-4}x - 2a^{-8}x + a^{-12}x^3 + a^{-12}x - a^{-16}x^3 + 2a^{-20}x - a^{-24}x$
$KBSM(\overline{5_{92}}) = -a^{24}x + 2a^{20}x - a^{16}x^3 + a^{12}x^3 + a^{12}x - 2a^8x + a^4x$
$KBSM(5_{93}) = -a^{-10}x^2 + a^{-10} + a^{-30}$
$KBSM(\overline{5_{93}}) = a^{30} - a^{10}x^2 + a^{10}$
$KBSM(5_{94}) = -a^{-6} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}x^2 + a^{-26}x^2 - a^{-26}$
$KBSM(\overline{5_{94}}) = a^{26}x^2 - a^{26} - a^{22}x^2 + a^{18}x^2 - a^{14}x^2 - a^6$
$KBSM(5_{95}) = -a^{-6} - a^{-14}x^2 - a^{-14} + 2a^{-18}x^2 - a^{-18} - 2a^{-22}x^2 + a^{-22} + a^{-26}x^2$
$KBSM(\overline{5_{95}}) = a^{26}x^2 - 2a^{22}x^2 + a^{22} + 2a^{18}x^2 - a^{18} - a^{14}x^2 - a^{14} - a^6$

2.2 Knots in $L(2,1)$

$KBSM(0_1) = x$
$KBSM(\overline{1_1}) = a^6 - 1 - a^{-2} - a^{-4}$
$KBSM(2_1) = -a^{-2} - a^{-4} - a^{-6} + a^{-12}$
$KBSM(\overline{2_1}) = -a^{10} + a^4 - a^{-2} - a^{-4}$
$KBSM(*2_2) = -a^4x + x + a^{-8}x$
$KBSM(2_3) = a^{-12}x$
$KBSM(\overline{2_3}) = -a^8x + x + a^{-4}x$
$KBSM(3_1) = a^{-4}x + a^{-12}x - a^{-16}x$
$KBSM(\overline{3_1}) = a^{12}x - a^8x + a^{-4}x$
$KBSM(3_2) = a^6 + a^4 - a^{-2} - a^{-10} - a^{-12} - a^{-14}$
$KBSM(\overline{3_2}) = 1 - a^{-14} - a^{-16} - a^{-18}$
$KBSM(3_3) = -a^{-2} - a^{-4} + a^{-10} - a^{-16}$
$KBSM(\overline{3_3}) = a^{14} - a^8 - a^{-2} - a^{-4}$
$KBSM(3_4) = -a^4x + 2x + a^{-8}x - a^{-12}x$
$KBSM(\overline{3_4}) = a^8x - a^4x + x - a^{-4}x + a^{-8}x$
$KBSM(3_5) = a^2 + 1 - a^{-4} - a^{-6} + a^{-12} - a^{-14} - a^{-16} - a^{-18}$
$KBSM(\overline{3_5}) = -a^{10} + a^6 + 2a^4 + a^2 - a^{-2} - a^{-4} - a^{-10} - a^{-12} - a^{-14}$
$KBSM(\overline{3_6}) = a^8 + a^6 + a^4 - a^{-2} - a^{-4} - a^{-6} - a^{-8} - a^{-10}$
$KBSM(3_8) = -a^{-2} - a^{-10} - a^{-12} - a^{-14} + a^{-18} + a^{-20}$
$KBSM(\overline{4_1}) = -a^{12} + a^6 - a^{-8} - a^{-10}$
$KBSM(4_2) = -a^8x + a^{-12}x + a^{-16}x$
$KBSM(\overline{4_2}) = -a^{-8}x + a^{-20}x + a^{-24}x$
$KBSM(4_3) = 2a^{-4}x - a^{-8}x + a^{-12}x - 2a^{-16}x + a^{-20}x$
$KBSM(\overline{4_3}) = -a^{16}x + 2a^{12}x - a^8x + a^4x - x + a^{-4}x$
$KBSM(4_4) = a^2 + 1 - 2a^{-4} - a^{-6} - a^{-8} - a^{-14} - a^{-16} + a^{-20} + a^{-22}$
$KBSM(\overline{4_4}) = -a^{10} - a^8 + a^6 + a^4 + a^2 - 1 - a^{-2} - a^{-4} + a^{-6} + a^{-8} - a^{-12} - a^{-14}$
$KBSM(4_5) = -2a^4x + 2x - a^{-4}x + a^{-8}x - a^{-12}x + a^{-16}x + a^{-20}x$
$KBSM(\overline{4_5}) = a^8x - 2a^4x + x - 2a^{-4}x + a^{-8}x + a^{-16}x + a^{-20}x$
$KBSM(4_6) = -a^{-6} - a^{-8} - a^{-10} + a^{-24}$

$KBSM(\overline{4_6}) = -a^{22} + a^{18} + a^{16} - a^{10} - a^2 - 1$
$KBSM(4_7) = a^{-4}x - a^{-8}x + 2a^{-12}x - a^{-16}x + a^{-20}x - a^{-24}x$
$KBSM(\overline{4_7}) = a^{20}x - 2a^{16}x + a^{12}x - a^8x + 2a^4x$
$KBSM(4_8) = -a^{16}x + a^{12}x - a^8x + a^4x + a^{-4}x$
$KBSM(\overline{4_8}) = -x + a^{-4}x + 2a^{-12}x - a^{-16}x$
$KBSM(4_9) = a^{14} + a^{12} - a^8 - a^6 - a^4 - a^{-4}$
$KBSM(\overline{4_9}) = a^2 - a^{-2} - a^{-4} - a^{-12} - a^{-14} - a^{-16} + a^{-18} + a^{-20}$
$KBSM(4_{10}) = -a^{-2} - a^{-4} - a^{-14} + a^{-20}$
$KBSM(\overline{4_{10}}) = -a^{18} + a^{12} - a^{-2} - a^{-4}$
$KBSM(4_{11}) = -a^4x + 2x - a^{-4}x + a^{-8}x - a^{-12}x + a^{-16}x$
$KBSM(\overline{4_{11}}) = -a^{12}x + a^8x - a^4x + 2x - a^{-4}x + a^{-8}x$
$KBSM(4_{12}) = a^2 + 1 - a^{-2} - 2a^{-4} - a^{-6} + a^{-10} - a^{-14} - 2a^{-16} + a^{-20} + a^{-22}$
$KBSM(\overline{4_{12}}) = a^{14} - a^{10} - 2a^8 + a^4 + a^2 - a^{-2} - a^{-4} + a^{-6} + a^{-8} - a^{-12} - a^{-14}$
$KBSM(*4_{13}) = a^8x - 2a^4x + 2x - a^{-4}x + 2a^{-8}x - a^{-12}x$
$KBSM(*4_{14}) = a^8x - 3a^4x + 2x - 2a^{-4}x + 2a^{-8}x - a^{-12}x + a^{-16}x + a^{-20}x$
$KBSM(4_{15}) = -a^6 - a^4 + 1 - a^{-4} - a^{-6} + a^{-10} + 2a^{-12} - a^{-16} - a^{-18}$
$KBSM(\overline{4_{15}}) = -a^{10} + a^6 + 2a^4 - 1 - 2a^{-2} - a^{-4} - a^{-10} - a^{-12} + a^{-16} + a^{-18}$
$KBSM(\overline{4_{16}}) = -a^{16}x + a^{12}x - a^8x + a^4x + a^{-4}x$
$KBSM(4_{17}) = a^6 + a^4 - 1 - a^{-2} - a^{-4} - a^{-8} - a^{-10} - a^{-12} + a^{-16} + a^{-18}$
$KBSM(\overline{4_{17}}) = -a^4 - a^{-4} + a^{-10} + a^{-12} - a^{-16} - a^{-18}$
$KBSM(4_{18}) = -x + a^{-4}x - a^{-8}x + a^{-12}x - a^{-16}x + a^{-20}x + a^{-24}x$
$KBSM(\overline{4_{18}}) = a^{12}x - 2a^8x - x + a^{-4}x + a^{-12}x + a^{-16}x$
$KBSM(4_{19}) = -a^{10} - a^8 + a^4 - a^{-2} + a^{-6} + a^{-8} - a^{-12} - a^{-14}$
$KBSM(\overline{4_{19}}) = 1 - a^{-2} - a^{-4} - a^{-6} - a^{-14} - a^{-16} + a^{-20} + a^{-22}$
$KBSM(4_{20}) = -a^{-6} - a^{-8} - a^{-10} + a^{-12} - a^{-18} - a^{-20} + a^{-24} + a^{-26}$
$KBSM(\overline{4_{20}}) = -a^{14} - a^{12} - a^{10} + a^8 + a^6 + a^4 - a^{-8} - a^{-10}$
$KBSM(*4_{21}) = -a^4x + x - a^{-4}x + a^{-16}x + a^{-20}x$
$KBSM(\overline{4_{23}}) = a^{-8}x + a^{-12}x - a^{-20}x$
$KBSM(\overline{4_{24}}) = -a^8x - a^4x + a^{-4}x + a^{-8}x + a^{-12}x$
$KBSM(\overline{4_{26}}) = -a^{10} + a^6 - 1 + a^{-6} - a^{-10} - a^{-12}$
$KBSM(5_1) = a^{-8}x + a^{-12}x - a^{-20}x$
$KBSM(\overline{5_1}) = x$
$KBSM(5_2) = a^{-6} - a^{-10} - 2a^{-12} - a^{-14} + a^{-18} - a^{-22} - a^{-24} + a^{-28} + a^{-30}$
$KBSM(\overline{5_3}) = x - a^{-4}x + a^{-8}x + a^{-16}x - a^{-20}x$
$KBSM(5_4) = a^{12} + a^{10} + a^8 - a^4 - a^2 - a^{-6} - a^{-8} - a^{-10}$
$KBSM(\overline{5_5}) = a^{-12}x$
$KBSM(5_6) = a^8 + a^6 + a^{-6} - a^{-16} - a^{-18} - a^{-20} - a^{-22} - a^{-24}$
$KBSM(\overline{5_6}) = -a^{-8} + a^{-12} + a^{-14} + a^{-16} + a^{-18} - a^{-28} - a^{-30} - a^{-32} - a^{-34} - a^{-36}$
$KBSM(5_7) = -a^{-6} - 2a^{-8} - a^{-10} + a^{-12} - a^{-18} + a^{-22} + 2a^{-24} + a^{-26} - a^{-28} - a^{-30}$
$KBSM(\overline{5_7}) = a^{16} - a^{14} - a^{12} - a^{10} + a^8 + a^6 - a^2 - 1 + a^{-4} + a^{-6} - a^{-8} - a^{-10}$
$KBSM(5_8) = -x + a^{-4}x - a^{-8}x + 2a^{-12}x + a^{-20}x - a^{-28}x$
$KBSM(\overline{5_8}) = a^{12}x - 2a^8x + a^4x + a^{-4}x - a^{-8}x + a^{-16}x$
$KBSM(5_9) = a^6 + 2a^4 - 1 - a^{-2} + a^{-6} - a^{-12} + a^{-16} + a^{-18} - a^{-20} - a^{-22} - a^{-24} - a^{-26} - a^{-28}$
$KBSM(\overline{5_9}) = -a^4 + 1 - a^{-4} + a^{-8} + 2a^{-10} + 2a^{-12} + a^{-14} - a^{-16} - a^{-18} - a^{-24} - a^{-26} - a^{-28} - a^{-30} - a^{-32}$
$KBSM(5_{10}) = 2a^{-4}x - 2a^{-8}x + 2a^{-12}x - 2a^{-16}x + 2a^{-20}x - a^{-24}x$
$KBSM(\overline{5_{10}}) = a^{20}x - 2a^{16}x + 2a^{12}x - 2a^8x + 2a^4x - x + a^{-4}x$
$KBSM(5_{11}) = a^2 + 1 - a^{-2} - 3a^{-4} - a^{-6} + a^{-10} - a^{-14} - a^{-16} + a^{-18} + 2a^{-20} + a^{-22} - a^{-24} - a^{-26}$
$KBSM(\overline{5_{11}}) = a^{14} + a^{12} - a^{10} - 2a^8 + a^4 + a^2 - 1 - 2a^{-2} - 2a^{-4} + a^{-6} + 2a^{-8} + a^{-10} - a^{-12} - a^{-14}$
$KBSM(5_{12}) = -2x + 3a^{-4}x - 2a^{-8}x + 3a^{-12}x - 2a^{-16}x + 2a^{-20}x - a^{-28}x$
$KBSM(\overline{5_{12}}) = -a^{16}x + 3a^{12}x - 3a^8x + 2a^4x - 2x + 2a^{-4}x - a^{-8}x + a^{-16}x$

$KBSM(5_{13}) = -a^{6} - a^{4} + 2 - a^{-4} - a^{-6} + a^{-10} + a^{-12} - a^{-14} - 2a^{-16} - a^{-18} + a^{-20} + a^{-22}$

$KBSM(\overline{5_{13}}) = -a^{10} - a^{8} + a^{6} + 2a^{4} - 1 - 2a^{-2} + a^{-6} + a^{-8} - a^{-10} - 2a^{-12} - a^{-14} + a^{-16} + a^{-18}$

$KBSM(5_{14}) = -2a^{4}x + 3x - 2a^{-4}x + 2a^{-8}x - a^{-12}x + 2a^{-16}x - a^{-24}x$

$KBSM(\overline{5_{14}}) = -a^{12}x + 2a^{8}x - 2a^{4}x + 3x - 2a^{-4}x + a^{-8}x - a^{-12}x + a^{-20}x$

$KBSM(5_{15}) = -a^{10} - a^{8} + 2a^{6} + 3a^{4} + a^{2} - 2 - 2a^{-2} + 2a^{-6} + 2a^{-8} - 2a^{-12} - a^{-14} + a^{-16} + a^{-18} - a^{-20} - a^{-22} - a^{-24} - a^{-26} - a^{-28}$

$KBSM(\overline{5_{15}}) = -a^{6} - a^{4} + a^{2} + 3 + a^{-2} - 2a^{-4} - a^{-6} + 2a^{-10} + 2a^{-12} - 2a^{-16} - a^{-18} + a^{-20} + a^{-22} - a^{-24} - a^{-26} - a^{-28} - a^{-30} - a^{-32}$

$KBSM(5_{16}) = 2a^{8}x - 3a^{4}x + 3x - 2a^{-4}x + 2a^{-8}x - 2a^{-12}x + a^{-20}x$

$KBSM(\overline{5_{16}}) = a^{8}x - 3a^{4}x + 3x - 2a^{-4}x + 3a^{-8}x - a^{-12}x + a^{-16}x - a^{-24}x$

$KBSM(5_{17}) = a^{14} + a^{12} - a^{10} - a^{8} + 2a^{4} + a^{2} - 2a^{-2} - 2a^{-4} + a^{-8} - a^{-12} - a^{-14}$

$KBSM(\overline{5_{17}}) = a^{2} + 1 - a^{-2} - 2a^{-4} - a^{-6} + a^{-8} + a^{-10} + a^{-12} - a^{-14} - a^{-16} + a^{-20} - a^{-24} - a^{-26}$

$KBSM(5_{18}) = -a^{-6} - 2a^{-8} + a^{-12} + a^{-14} - a^{-16} - a^{-18} - a^{-20} + a^{-22} + 2a^{-24} + a^{-26} - a^{-28} - a^{-30}$

$KBSM(\overline{5_{18}}) = a^{18} + a^{16} - 2a^{12} - a^{10} + a^{6} - a^{2} - 1 + a^{-4} + a^{-6} - a^{-8} - a^{-10}$

$KBSM(5_{19}) = -2a^{4}x + 2x - a^{-4}x + 2a^{-8}x + a^{-16}x - a^{-24}x$

$KBSM(\overline{5_{19}}) = a^{8}x - 2a^{4}x + 2x - a^{-4}x + a^{-8}x - a^{-12}x + a^{-20}x$

$KBSM(5_{20}) = a^{2} + 2 - 2a^{-4} - a^{-6} + a^{-10} + a^{-12} - a^{-16} + a^{-20} + a^{-22} - a^{-24} - a^{-26} - a^{-28} - a^{-30} - a^{-32}$

$KBSM(\overline{5_{20}}) = -a^{10} - a^{8} + a^{6} + 2a^{4} + a^{2} - 1 - a^{-2} + 2a^{-6} + 2a^{-8} + a^{-10} - a^{-12} - a^{-14} - a^{-20} - a^{-22} - a^{-24} - a^{-26} - a^{-28}$

$KBSM(5_{21}) = 2a^{12}x - 2a^{8}x + a^{4}x - x + a^{-4}x - a^{-8}x + a^{-16}x$

$KBSM(\overline{5_{21}}) = -x + 2a^{-4}x - a^{-8}x + 2a^{-12}x - a^{-16}x + a^{-20}x - a^{-28}x$

$KBSM(5_{22}) = -a^{6} - a^{4} + 1 + a^{-2} - a^{-4} - a^{-8} + a^{-10} + a^{-12} - a^{-16} - a^{-18}$

$KBSM(\overline{5_{22}}) = 2a^{6} + a^{4} - 2 - 2a^{-2} - a^{-4} - a^{-10} - a^{-12} + a^{-16} + a^{-18}$

$KBSM(\overline{5_{23}}) = 2x - a^{-4}x - a^{-12}x + a^{-16}x$

$KBSM(\overline{5_{24}}) = -a^{18} + a^{12} + a^{10} + a^{8} + a^{6} - a^{-2} - a^{-4} - a^{-6} - a^{-8} - a^{-10}$

$KBSM(5_{25}) = -a^{-6} - a^{-8} + a^{-10} + a^{-12} - 2a^{-16} - a^{-18} + a^{-22} + a^{-24} - a^{-26} - 2a^{-28} + a^{-32} + a^{-34}$

$KBSM(\overline{5_{25}}) = a^{26} - 2a^{22} - 2a^{20} + a^{18} + 2a^{16} + 2a^{14} - a^{10} - a^{8} + a^{6} + a^{4} - a^{2} - 2 - a^{-2}$

$KBSM(5_{26}) = -x + 3a^{-4}x - 2a^{-8}x + 3a^{-12}x - 3a^{-16}x + 2a^{-20}x - a^{-24}x$

$KBSM(\overline{5_{26}}) = a^{20}x - 3a^{16}x + 3a^{12}x - 2a^{8}x + 3a^{4}x - 2x + a^{-4}x$

$KBSM(5_{27}) = -x + 3a^{-4}x - 2a^{-8}x + 3a^{-12}x - 3a^{-16}x + 2a^{-20}x - a^{-24}x$

$KBSM(\overline{5_{27}}) = a^{20}x - 3a^{16}x + 3a^{12}x - 2a^{8}x + 3a^{4}x - 2x + a^{-4}x$

$KBSM(5_{28}) = a^{14} + a^{12} - a^{10} - a^{8} + a^{4} + a^{2} - a^{-2} - a^{-4} + a^{-8} - a^{-10} - a^{-12} - a^{-14}$

$KBSM(\overline{5_{28}}) = -a^{6} + 2a^{2} + 2 - a^{-4} - a^{-6} - 2a^{-14} - 2a^{-16} + a^{-20}$

$KBSM(5_{29}) = -a^{6} - a^{4} + 1 - a^{-6} + a^{-12} - a^{-16}$

$KBSM(\overline{5_{29}}) = a^{14} - 2a^{10} - a^{8} + a^{4} - a^{-2} + a^{-6} + a^{-8} - a^{-10} - a^{-12}$

$KBSM(5_{30}) = a^{8}x - a^{4}x + 2x - 2a^{-4}x + a^{-8}x - a^{-12}x + a^{-16}x$

$KBSM(\overline{5_{30}}) = -a^{12}x + 2a^{8}x - a^{4}x + 2x - 2a^{-4}x + a^{-8}x$

$KBSM(5_{31}) = a^{8}x - 2a^{4}x + 3x - 2a^{-4}x + 2a^{-8}x - 2a^{-12}x + a^{-16}x$

$KBSM(\overline{5_{31}}) = -a^{12}x + 3a^{8}x - 2a^{4}x + 2x - 3a^{-4}x + 2a^{-8}x$

$KBSM(5_{32}) = a^{8}x - 2a^{4}x + 2x - 2a^{-4}x + 2a^{-8}x - a^{-12}x + a^{-16}x$

$KBSM(\overline{5_{32}}) = -a^{12}x + 2a^{8}x - 2a^{4}x + 2x - 2a^{-4}x + 2a^{-8}x$

$KBSM(5_{33}) = -a^{6} - a^{4} + 1 + a^{-2} - a^{-8} - a^{-16}$

$KBSM(\overline{5_{33}}) = a^{14} - a^{10} - a^{8} + a^{6} - 1 - a^{-2} + a^{-6} + a^{-8} - a^{-10} - a^{-12}$

$KBSM(5_{34}) = -a^{6} - a^{4} + a^{2} + 2 + a^{-2} - a^{-6} + a^{-12} - a^{-14} - 2a^{-16} - a^{-18}$

$KBSM(\overline{5_{34}}) = a^{14} - 2a^{10} - a^{8} + a^{6} + 2a^{4} + a^{2} - a^{-2} + a^{-6} + a^{-8} - 2a^{-10} - 2a^{-12} - a^{-14}$

$KBSM(5_{35}) = -a^{-6} - a^{-8} + a^{-12} - a^{-14} - a^{-16} - a^{-18} + a^{-20} + a^{-22} + a^{-24} - a^{-26} - 2a^{-28} + a^{-32} + a^{-34}$

$KBSM(\overline{5_{35}}) = a^{26} - 2a^{22} - 2a^{20} + 2a^{16} + a^{14} + a^{12} - a^{10} + a^{6} + a^{4} - a^{2} - 2 - a^{-2}$

$KBSM(5_{36}) = -x + 2a^{-4}x - 2a^{-8}x + 3a^{-12}x - 2a^{-16}x + 2a^{-20}x - a^{-24}x$

$KBSM(\overline{5_{36}}) = a^{20}x - 3a^{16}x + 2a^{12}x - 2a^{8}x + 3a^{4}x - x + a^{-4}x$

$KBSM(5_{37}) = a^{14} + a^{12} - a^{10} - a^{8} - a^{6} - a^{-2} - a^{-4} + a^{-8}$

$KBSM(\overline{5_{37}}) = -a^6 + a^2 + 1 - a^{-2} - a^{-4} - a^{-6} - a^{-14} - a^{-16} + a^{-18} + a^{-20}$
$KBSM(5_{38}) = -a^{-2} + a^{-8} - a^{-10} - a^{-12} - a^{-14} + a^{-18} - a^{-22} - a^{-24} + a^{-28} + a^{-30}$
$KBSM(\overline{5_{39}}) = -a^4x + x - a^{-4}x + 2a^{-8}x + a^{-16}x - a^{-20}x$
$KBSM(5_{40}) = a^{-8}x + a^{-16}x - a^{-20}x + a^{-24}x - a^{-28}x$
$KBSM(\overline{5_{40}}) = a^{24}x - a^{20}x - a^{12}x + a^8x + x$
$KBSM(5_{41}) = a^{18} + a^8 - a^2 - a^{-6} - a^{-8} - a^{-10}$
$KBSM(\overline{5_{42}}) = a^{20}x - a^{16}x + a^{12}x - 2a^8x + a^4x + a^{-4}x$
$KBSM(5_{43}) = a^6 + a^4 - 1 - a^{-2} - a^{-10} + a^{-16} - a^{-20} - a^{-22}$
$KBSM(\overline{5_{43}}) = a^8 + 1 - a^{-4} - a^{-6} - a^{-8} + a^{-12} - a^{-16} - a^{-18}$
$KBSM(5_{44}) = -x + 2a^{-4}x - 2a^{-8}x + 2a^{-12}x - a^{-16}x + 2a^{-20}x - a^{-28}x$
$KBSM(\overline{5_{44}}) = -a^{16}x + 2a^{12}x - 2a^8x + 2a^4x - x + a^{-4}x - a^{-8}x + a^{-16}x$
$KBSM(5_{45}) = -a^{10} - a^8 + a^6 + 2a^4 + a^2 - 1 - a^{-2} - a^{-4} + a^{-6} - a^{-10} - 2a^{-12} - a^{-14} + a^{-16} + a^{-18}$
$KBSM(\overline{5_{45}}) = -a^4 + a^2 + 1 - 2a^{-4} - a^{-6} + a^{-10} + a^{-12} - a^{-14} - 2a^{-16} - a^{-18} + a^{-20} + a^{-22}$
$KBSM(5_{46}) = -x + 3a^{-4}x - 2a^{-8}x + 2a^{-12}x - 2a^{-16}x + 2a^{-20}x - a^{-28}x$
$KBSM(\overline{5_{46}}) = -a^{16}x + 3a^{12}x - 2a^8x + 2a^4x - 2x + a^{-4}x - a^{-8}x + a^{-16}x$
$KBSM(5_{47}) = -a^{10} - a^8 + a^6 + 3a^4 + a^2 - 1 - a^{-2} + 2a^{-6} + a^{-8} - 2a^{-12} - a^{-14} + a^{-16} + a^{-18} - a^{-20} - a^{-22} - a^{-24} - a^{-26} - a^{-28}$
$KBSM(\overline{5_{47}}) = -a^4 + a^2 + 2 - 2a^{-4} - a^{-6} + a^{-8} + 2a^{-10} + 2a^{-12} - 2a^{-16} - a^{-18} + a^{-20} + a^{-22} - a^{-24} - a^{-26} - a^{-28} - a^{-30} - a^{-32}$
$KBSM(5_{48}) = a^4x - x + 2a^{-4}x - a^{-8}x + a^{-12}x - 2a^{-16}x + a^{-24}x$
$KBSM(\overline{5_{48}}) = a^{12}x - 2a^8x + a^4x - x + 2a^{-4}x + a^{-12}x - a^{-20}x$
$KBSM(5_{49}) = a^{14} + a^{12} - a^8 + a^4 - 2a^{-2} - a^{-4} + a^{-8} - a^{-12} - a^{-14}$
$KBSM(\overline{5_{49}}) = 1 - a^{-2} - a^{-4} + a^{-8} + a^{-10} - a^{-14} - a^{-16} + a^{-20} - a^{-24} - a^{-26}$
$KBSM(5_{50}) = -a^{-6} - a^{-8} - a^{-16} + a^{-22} + a^{-24} - a^{-28}$
$KBSM(\overline{5_{50}}) = a^{26} - a^{22} - a^{20} + a^{18} + a^{16} + a^{14} - a^{10} - a^8 - a^2 - 1$
$KBSM(5_{51}) = a^{-4}x - a^{-8}x + 3a^{-12}x - 2a^{-16}x + a^{-20}x - 2a^{-24}x + a^{-28}x$
$KBSM(5_{52}) = -a^{16}x + a^{12}x - a^8x + 2a^4x + a^{-4}x - a^{-8}x$
$KBSM(\overline{5_{52}}) = a^4x - x + a^{-4}x - a^{-8}x + 2a^{-12}x - a^{-16}x$
$KBSM(5_{53}) = a^{-2} + a^{-4} - a^{-8} - a^{-10} - a^{-18} - a^{-20} - a^{-22} + a^{-24}$
$KBSM(\overline{5_{53}}) = -a^{22} + a^{18} + a^{16} + a^8 + a^6 - a^2 - 1 - a^{-6} - a^{-8} - a^{-10}$
$KBSM(\overline{5_{54}}) = -x + 2a^{-4}x - a^{-8}x + 3a^{-12}x - 2a^{-16}x + a^{-20}x - a^{-24}x$
$KBSM(5_{55}) = -a^{18} - a^{16} + a^{14} + 2a^{12} + a^{10} - a^8 - a^6 - a^4 + a^2 + 1 - 2a^{-4} - a^{-6}$
$KBSM(\overline{5_{55}}) = a^2 - a^{-2} - a^{-4} + a^{-6} + a^{-8} - 2a^{-12} - 2a^{-14} - a^{-16} + a^{-18} + a^{-20} - a^{-22} - a^{-24} + a^{-28} + a^{-30}$
$KBSM(5_{56}) = a^{14} + a^{12} - a^8 - a^{-2} + a^{-8} - a^{-10} - a^{-12} - a^{-14}$
$KBSM(\overline{5_{56}}) = -a^6 + a^2 + 2 - a^{-12} - 2a^{-14} - 2a^{-16} + a^{-20}$
$KBSM(5_{57}) = -a^{-2} - a^{-4} + a^{-18} - a^{-24}$
$KBSM(\overline{5_{57}}) = a^{22} - a^{16} - a^{-2} - a^{-4}$
$KBSM(5_{58}) = -a^4x + 2x - a^{-4}x + 2a^{-8}x - a^{-12}x + a^{-16}x - a^{-20}x$
$KBSM(\overline{5_{58}}) = a^{16}x - a^{12}x + a^8x - 2a^4x + 2x - a^{-4}x + a^{-8}x$
$KBSM(5_{59}) = a^2 + 1 - a^{-2} - 2a^{-4} + a^{-8} + a^{-10} - 2a^{-14} - a^{-16} + 2a^{-20} - a^{-24} - a^{-26}$
$KBSM(\overline{5_{59}}) = -a^{18} + a^{14} + 2a^{12} - a^8 + a^4 + a^2 - 2a^{-2} - 2a^{-4} + a^{-8} - a^{-12} - a^{-14}$
$KBSM(5_{60}) = a^8x - 2a^4x + 3x - 2a^{-4}x + 2a^{-8}x - 2a^{-12}x + a^{-16}x$
$KBSM(\overline{5_{60}}) = -a^{12}x + 2a^8x - 2a^4x + 3x - 2a^{-4}x + 2a^{-8}x - a^{-12}x$
$KBSM(5_{61}) = a^2 + 1 - 2a^{-2} - 3a^{-4} - a^{-6} + a^{-8} + a^{-10} - 2a^{-14} - a^{-16} + a^{-18} + 3a^{-20} + a^{-22} - a^{-24} - a^{-26}$
$KBSM(\overline{5_{61}}) = -a^{18} + a^{14} + 2a^{12} - a^{10} - 2a^8 - a^6 + a^4 + a^2 - 2a^{-2} - 2a^{-4} + a^{-6} + 2a^{-8} + a^{-10} - a^{-12} - a^{-14}$
$KBSM(5_{62}) = a^8x - 4a^4x + 4x - 3a^{-4}x + 4a^{-8}x - 2a^{-12}x + 2a^{-16}x - a^{-24}x$
$KBSM(\overline{5_{62}}) = -a^{12}x + 3a^8x - 4a^4x + 4x - 3a^{-4}x + 3a^{-8}x - 2a^{-12}x + a^{-20}x$
$KBSM(5_{63}) = -a^6 - a^4 + a^2 + 2 - 2a^{-4} - a^{-6} + 2a^{-10} + a^{-12} - a^{-14} - 3a^{-16} - a^{-18} + a^{-20} + a^{-22}$
$KBSM(\overline{5_{63}}) = a^{14} - a^{10} - 2a^8 + a^6 + 2a^4 + a^2 - 1 - 2a^{-2} - a^{-4} + a^{-6} + a^{-8} - a^{-10} - 2a^{-12} - a^{-14} + a^{-16} + a^{-18}$
$KBSM(5_{64}) = a^8x - 3a^4x + 4x - 3a^{-4}x + 3a^{-8}x - 2a^{-12}x + 2a^{-16}x - a^{-24}x$

$KBSM(\overline{5_{64}}) = -a^{12}x + 3a^8x - 3a^4x + 4x - 3a^{-4}x + 2a^{-8}x - 2a^{-12}x + a^{-20}x$
$KBSM(5_{65}) = -a^6 - a^4 + 2a^2 + 4 - 3a^{-4} - 2a^{-6} + a^{-8} + 3a^{-10} + 2a^{-12} - a^{-14} - 4a^{-16} - a^{-18} + 2a^{-20} + 2a^{-22} - a^{-24} - a^{-26} - a^{-28} - a^{-30} - a^{-32}$
$KBSM(\overline{5_{65}}) = a^{14} - 2a^{10} - 3a^8 + a^6 + 4a^4 + 2a^2 - 1 - 2a^{-2} + 3a^{-6} + 3a^{-8} - 3a^{-12} - 2a^{-14} + a^{-16} + a^{-18} - a^{-20} - a^{-22} - a^{-24} - a^{-26} - a^{-28}$
$KBSM(5_{66}) = a^{10} + a^8 - a^4 + 1 - a^{-4} - 2a^{-6} - a^{-8} + 2a^{-12} - a^{-16} - a^{-18}$
$KBSM(\overline{5_{66}}) = -a^{10} + a^6 + 2a^4 - 1 - a^{-2} + a^{-6} - a^{-10} - a^{-12} + a^{-16} - a^{-20} - a^{-22}$
$KBSM(\overline{5_{67}}) = a^{16} + a^8 + a^6 - a^2 - 1 - a^{-2} - a^{-8} - a^{-10}$
$KBSM(5_{68}) = -a^8x + a^{-4}x + a^{-8}x + a^{-12}x - a^{-20}x$
$KBSM(\overline{5_{68}}) = a^{-4}x - a^{-16}x + a^{-24}x$
$KBSM(5_{69}) = a^{-4} - a^{-8} + a^{-12} + a^{-14} - a^{-20} + a^{-24} + a^{-26} - a^{-28} - a^{-30} - a^{-32} - a^{-34} - a^{-36}$
$KBSM(\overline{5_{69}}) = -a^{12} + a^8 + a^6 + 1 + a^{-2} + a^{-4} + a^{-6} - a^{-8} - a^{-10} - a^{-16} - a^{-18} - a^{-20} - a^{-22} - a^{-24}$
$KBSM(5_{70}) = a^{12}x - a^8x + a^4x - a^{-8}x + a^{-16}x$
$KBSM(\overline{5_{70}}) = a^{-4}x - a^{-8}x + a^{-12}x + a^{-20}x - a^{-28}x$
$KBSM(\overline{5_{71}}) = -a^6 + 1 + a^{-4} - a^{-8} - a^{-10} - a^{-12} - a^{-14} - a^{-16} + a^{-24} + a^{-26}$
$KBSM(5_{72}) = a^{-8}x + a^{-24}x - a^{-32}x$
$KBSM(\overline{5_{72}}) = a^{16}x - a^4x + a^{-12}x$
$KBSM(5_{73}) = a^6 + a^4 - 1 - a^{-2} + a^{-6} + a^{-8} + a^{-10} - a^{-20} - a^{-22} - a^{-24} - a^{-26} - a^{-28}$
$KBSM(\overline{5_{73}}) = 1 - a^{-4} + a^{-10} + a^{-12} + a^{-14} - a^{-24} - a^{-26} - a^{-28} - a^{-30} - a^{-32}$
$KBSM(\overline{5_{75}}) = a^2 - a^{-8} - a^{-10} - a^{-12} - a^{-14} - a^{-16} + a^{-24} + a^{-26}$
$KBSM(\overline{5_{76}}) = a^{-12}x$
$KBSM(\overline{5_{77}}) = -a^{10} + a^6 + a^4 + a^{-4} + a^{-6} - 2a^{-10} - 2a^{-12} - a^{-14}$
$KBSM(5_{79}) = -a^{-8} - a^{-16} - a^{-26} - a^{-28} + a^{-32} + a^{-34}$
$KBSM(\overline{5_{79}}) = -a^{22} - a^{20} + a^{18} + a^{16} + a^{14} + a^6 - a^2 - 2 - a^{-2}$
$KBSM(5_{80}) = a^{12} - a^{-10} - a^{-12} - a^{-14}$
$KBSM(\overline{5_{80}}) = a^2 + 1 - a^{-10} - a^{-12} - 2a^{-14} - a^{-16} + a^{-20}$
$KBSM(\overline{5_{81}}) = a^{26} - a^{22} - a^{20} + a^{16} + a^{14} + 2a^{12} - a^2 - 1 - a^{-2} - a^{-4} - a^{-6}$
$KBSM(5_{82}) = -a^{-6} - a^{-8} + 2a^{-12} + a^{-14} - a^{-18} - a^{-20} + a^{-24} - a^{-28} - a^{-30}$
$KBSM(\overline{5_{82}}) = a^{18} + a^{16} - a^{12} - a^{10} + a^8 + a^6 + a^4 - a^2 - 1 - a^{-2} - a^{-8} - a^{-10}$
$KBSM(5_{83}) = -a^4x + 2x - a^{-4}x + a^{-8}x + a^{-16}x - a^{-24}x$
$KBSM(\overline{5_{83}}) = a^8x - a^4x + 2x - a^{-4}x - a^{-12}x + a^{-20}x$
$KBSM(5_{84}) = a^{-2} + a^{-4} - 2a^{-8} - a^{-10} + a^{-12} + a^{-14} + a^{-16} - a^{-20} + a^{-24} + a^{-26} - a^{-28} - a^{-30} - a^{-32} - a^{-34} - a^{-36}$
$KBSM(\overline{5_{84}}) = -a^{14} - a^{12} + 2a^8 + 2a^6 + a^{-2} + a^{-4} + a^{-6} - a^{-8} - a^{-10} - a^{-16} - a^{-18} - a^{-20} - a^{-22} - a^{-24}$
$KBSM(\overline{5_{85}}) = a^6 + a^4 + a^2 + 1 + a^{-2} - a^{-8} - a^{-10} - a^{-12} - a^{-14} - a^{-16} - a^{-18} - a^{-20}$
$KBSM(5_{86}) = a^{14} - a^{10} - a^8 + a^4 - 2a^{-2} - a^{-4} + a^{-8}$
$KBSM(\overline{5_{86}}) = -a^6 + 1 - a^{-2} - a^{-4} - a^{-6} + a^{-10} + a^{-12} - a^{-16}$
$KBSM(\overline{5_{88}}) = a^{26} - a^{22} + a^{18} + a^{16} - a^{12} - a^{10} - a^8 + a^6 - a^2 - 1$
$KBSM(\overline{5_{89}}) = a^{26} - a^{22} + a^{18} + a^{16} - a^{14} - a^{12} - 2a^{10} + a^6 + a^4 - a^2 - 1$
$KBSM(5_{90}) = -a^{-2} + a^{-6} - a^{-10} - a^{-12} - a^{-14} - a^{-22} + a^{-26} + a^{-28}$
$KBSM(5_{92}) = a^{-4}x - 2a^{-8}x + 3a^{-12}x - a^{-16}x + 2a^{-20}x - 2a^{-24}x$
$KBSM(5_{94}) = -a^{-6} - a^{-14} - a^{-16} - a^{-26} + a^{-30} + a^{-32}$
$KBSM(5_{95}) = -a^{-6} - 2a^{-14} - a^{-16} + a^{-20} + a^{-22} - a^{-26} - a^{-28} + a^{-30} + a^{-32}$

2.3 Knots in $L(3,1)$

$KBSM(0_1) = x$
$KBSM(1_1) = -a^{-3}x$
$KBSM(\overline{1_1}) = a^6 - ax - a^{-2}$

$KBSM(2_1) = -a^{-2} - a^{-3}x - a^{-6} + a^{-7}x$
$KBSM(\overline{2_1}) = -a^{10} + a^5x - ax - a^{-2}$
$KBSM(*2_2) = -a^4x + x + a^{-3} + a^{-7}$
$KBSM(\overline{2_3}) = -a^8x + a + x + a^{-3}$
$KBSM(3_1) = a^{-4}x + a^{-7} - a^{-15}$
$KBSM(\overline{3_1}) = a^{12}x - a^8x - a^5 + x + a^{-3}$
$KBSM(3_2) = a^6 + a^5x - ax - a^{-2} - a^{-7}x$
$KBSM(\overline{3_2}) = ax - a^{-3}x - a^{-11}x$
$KBSM(3_3) = -a^{-2} - a^{-3}x + a^{-7}x + a^{-10} - a^{-11}x$
$KBSM(\overline{3_3}) = a^{14} - a^9x + a^5x - ax - a^{-2}$
$KBSM(3_4) = -a^4x + 2x + a^{-3} - a^{-11}$
$KBSM(\overline{3_4}) = a^8x - a^4x - a + x + a^{-7}$
$KBSM(3_5) = a^2 + ax - 2a^{-3}x - a^{-6} + a^{-7}x - a^{-11}x$
$KBSM(\overline{3_5}) = -a^{10} + a^6 + 2a^5x + a^2 - 2ax - a^{-2} - a^{-7}x$
$KBSM(\overline{3_6}) = a^9x + a^6 - ax - a^{-2} - a^{-3}x$
$KBSM(\overline{3_7}) = a^{18} - a^5x - a^2$
$KBSM(3_8) = -a^{-2} - a^{-10} - a^{-11}x - a^{-14} + a^{-15}x + a^{-18}$
$KBSM(4_1) = -a^{-7}x - a^{-15}x + a^{-19}x$
$KBSM(\overline{4_1}) = -a^{13}x + a^9x + a^6 - a^{-2} - a^{-3}x$
$KBSM(4_2) = -a^8x - a^5 + x + a^{-8}x + a^{-11}$
$KBSM(4_3) = 2a^{-4}x + a^{-7} - a^{-8}x - a^{-11} - a^{-15} + a^{-19}$
$KBSM(\overline{4_3}) = -a^{16}x + 2a^{12}x + a^9 - a^8x - a^5 - a + x + a^{-3}$
$KBSM(4_4) = a^2 + ax - 3a^{-3}x - a^{-6} + a^{-7}x - a^{-11}x + a^{-15}x$
$KBSM(\overline{4_4}) = -a^{10} - a^9x + a^6 + 2a^5x + a^2 - 2ax - a^{-2} + a^{-3}x - a^{-7}x$
$KBSM(4_5) = -2a^4x - a + 2x + a^{-3} - a^{-11} + a^{-12}x + a^{-15}$
$KBSM(\overline{4_5}) = a^8x - 2a^4x - 2a + x + a^{-7} + a^{-12}x + a^{-15}$
$KBSM(4_6) = -a^{-6} - a^{-7}x - a^{-10} + a^{-11}x - a^{-15}x + a^{-19}x$
$KBSM(\overline{4_6}) = -a^{22} + a^{18} + a^{17}x - a^{13}x - a^{10} + a^9x - a^5x - a^2$
$KBSM(4_7) = a^{-4}x - a^{-8}x + 2a^{-12}x + a^{-15} - a^{-16}x - a^{-23}$
$KBSM(\overline{4_7}) = a^{20}x - 2a^{16}x - a^{13} + a^{12}x + a^5 + a^4x$
$KBSM(4_8) = -a^{16}x + a^{12}x - a^8x + a^4x + a + a^{-3}$
$KBSM(\overline{4_8}) = -x + a^{-4}x + a^{-7} + a^{-11} + a^{-12}x - a^{-16}x$
$KBSM(\overline{4_9}) = a^2 - a^{-2} - a^{-3}x + a^{-7}x - 2a^{-11}x - a^{-14} + a^{-15}x + a^{-18}$
$KBSM(4_{10}) = -a^{-2} - a^{-3}x + a^{-7}x - a^{-11}x - a^{-14} + a^{-15}x$
$KBSM(\overline{4_{10}}) = -a^{18} + a^{13}x - a^9x + a^5x - ax - a^{-2}$
$KBSM(4_{11}) = -a^4x + 2x + a^{-3} - a^{-4}x + a^{-15}$
$KBSM(\overline{4_{11}}) = -a^{12}x + a^8x + a^5 - a^4x + x + a^{-7}$
$KBSM(4_{12}) = a^2 + ax - a^{-2} - 3a^{-3}x - a^{-6} + 2a^{-7}x + a^{-10} - 2a^{-11}x + a^{-15}x$
$KBSM(\overline{4_{12}}) = a^{14} - a^{10} - 2a^9x + 3a^5x + a^2 - 2ax - a^{-2} + a^{-3}x - a^{-7}x$
$KBSM(*4_{13}) = a^8x - 2a^4x - a + 2x + a^{-3} + a^{-7} - a^{-11}$
$KBSM(*4_{14}) = a^8x - 3a^4x - 2a + 2x + a^{-3} + a^{-7} - a^{-11} + a^{-12}x + a^{-15}$
$KBSM(4_{15}) = -a^6 - a^5x + 2ax - 2a^{-3}x - a^{-6} + 2a^{-7}x - a^{-11}x$
$KBSM(\overline{4_{15}}) = -a^{10} + a^6 + 2a^5x - 3ax - 2a^{-2} + a^{-3}x - a^{-7}x + a^{-11}x$
$KBSM(4_{16}) = a^{-4}x + a^{-7} - a^{-8}x + a^{-19}$
$KBSM(\overline{4_{16}}) = -a^{16}x + a^{12}x + a^9 - a^8x + x + a^{-3}$
$KBSM(4_{17}) = a^6 + a^5x - 2ax - a^{-2} - a^{-7}x + a^{-11}x$
$KBSM(\overline{4_{17}}) = -a^5x + ax - a^{-3}x + a^{-7}x - a^{-11}x$
$KBSM(4_{18}) = -x - a^{-3} + a^{-4}x + a^{-7} - a^{-15} + a^{-16}x + a^{-19}$
$KBSM(\overline{4_{18}}) = a^{12}x - 2a^8x - 2a^5 + x + a^{-3} + a^{-8}x + a^{-11}$
$KBSM(4_{19}) = -a^{10} - a^9x + 2a^5x - ax - a^{-2} + a^{-3}x - a^{-7}x$

$KBSM(\overline{4_{19}}) = ax - a^{-2} - 2a^{-3}x - a^{-6} + a^{-7}x - a^{-11}x + a^{-15}x$
$KBSM(\overline{4_{20}}) = -a^{14} - a^{13}x - a^{10} + 2a^{9}x + a^{6} - a^{-2} - a^{-3}x$
$KBSM(*4_{21}) = -a^{4}x - a + x + a^{-12}x + a^{-15}$
$KBSM(\overline{4_{22}}) = -a^{16}x + a^{5} + a^{4}x + a$
$KBSM(\overline{4_{23}}) = a^{-8}x + a^{-11} + a^{-12}x - a^{-16}x - a^{-19}$
$KBSM(\overline{4_{24}}) = -a^{9} - a^{8}x - a^{5} + x + a^{-3} + a^{-4}x + a^{-7}$
$KBSM(\overline{4_{25}}) = -a^{10} - a^{2} + a^{-3}x + a^{-6} - a^{-7}x - a^{-10}$
$KBSM(\overline{4_{26}}) = -a^{10} + a^{6} - ax + a^{-3}x + a^{-6} - a^{-7}x - a^{-10}$
$KBSM(*4_{27}) = a^{8}x - 2a^{4}x + x + a^{-3} - a^{-4}x + a^{-7} + a^{-8}x$
$KBSM(5_1) = a^{-8}x + a^{-11} + a^{-12}x - a^{-16}x - a^{-19}$
$KBSM(\overline{5_1}) = -a^{9} + a^{4}x + a$
$KBSM(5_2) = a^{-6} - a^{-10} - 2a^{-11}x - a^{-14} + a^{-15}x + a^{-18} - a^{-19}x + a^{-23}x$
$KBSM(5_3) = -a^{12}x - a^{9} + a^{8}x + a^{5} + a^{4}x + a - a^{-3}$
$KBSM(\overline{5_3}) = x - a^{-4}x - a^{-7} + a^{-8}x + a^{-11} + a^{-12}x + a^{-15} - a^{-16}x - a^{-19}$
$KBSM(5_4) = a^{13}x + a^{10} - a^{5}x - a^{2} - a^{-3}x$
$KBSM(\overline{5_5}) = a^{13} - a^{8}x + a^{-4}x + a^{-7}$
$KBSM(5_6) = a^{9}x + a^{6} - a^{-2} - a^{-10} - a^{-11}x - a^{-14}$
$KBSM(5_7) = -a^{-6} - 2a^{-7}x - a^{-10} + 2a^{-11}x - a^{-15}x + 2a^{-19}x - a^{-23}x$
$KBSM(\overline{5_7}) = a^{17}x - a^{14} - 2a^{13}x - a^{10} + 2a^{9}x + a^{6} - a^{5}x + ax - a^{-2} - a^{-3}x$
$KBSM(5_8) = -x - a^{-3} + a^{-4}x + 2a^{-7} + a^{-11} + a^{-16}x + a^{-19} - a^{-20}x - a^{-23}$
$KBSM(\overline{5_8}) = a^{12}x + a^{9} - 2a^{8}x - a^{5} + a + x + a^{-3} - a^{-4}x - a^{-7} + a^{-8}x + a^{-11}$
$KBSM(5_9) = a^{6} + 2a^{5}x - 2ax - a^{-2} + a^{-3}x - a^{-7}x + a^{-11}x - a^{-14} - a^{-15}x - a^{-18}$
$KBSM(\overline{5_9}) = -a^{5}x + 2ax - a^{-3}x + 2a^{-7}x - a^{-11}x - a^{-18} - a^{-19}x - a^{-22}$
$KBSM(5_{10}) = 2a^{-4}x + a^{-7} - 2a^{-8}x - a^{-11} + a^{-12}x + a^{-19} - a^{-23}$
$KBSM(\overline{5_{10}}) = a^{20}x - 2a^{16}x - a^{13} + 2a^{12}x + a^{9} - a^{8}x - a + x + a^{-3}$
$KBSM(5_{11}) = a^{2} + ax - a^{-2} - 4a^{-3}x - a^{-6} + 3a^{-7}x + a^{-10} - 2a^{-11}x + 2a^{-15}x - a^{-19}x$
$KBSM(\overline{5_{11}}) = a^{14} + a^{13}x - a^{10} - 3a^{9}x + 3a^{5}x + a^{2} - 3ax - a^{-2} + 2a^{-3}x - a^{-7}x$
$KBSM(5_{12}) = -2x - a^{-3} + 3a^{-4}x + 3a^{-7} - a^{-8}x - a^{-15} + a^{-16}x + 2a^{-19} - a^{-20}x - a^{-23}$
$KBSM(\overline{5_{12}}) = -a^{16}x + 3a^{12}x + 2a^{9} - 3a^{8}x - 2a^{5} + x + 2a^{-3} - a^{-4}x - a^{-7} + a^{-8}x + a^{-11}$
$KBSM(5_{13}) = -a^{6} - a^{5}x + 3ax - 3a^{-3}x - a^{-6} + 2a^{-7}x - 2a^{-11}x + a^{-15}x$
$KBSM(\overline{5_{13}}) = -a^{10} - a^{9}x + a^{6} + 3a^{5}x - 3ax - 2a^{-2} + 2a^{-3}x - 2a^{-7}x + a^{-11}x$
$KBSM(5_{14}) = -2a^{4}x - a + 3x + 2a^{-3} - a^{-4}x + a^{-12}x + 2a^{-15} - a^{-16}x - a^{-19}$
$KBSM(\overline{5_{14}}) = -a^{12}x + 2a^{8}x + 2a^{5} - 2a^{4}x - a + x + a^{-7} - a^{-8}x - a^{-11} + a^{-12}x + a^{-15}$
$KBSM(5_{15}) = -a^{10} - a^{9}x + 2a^{6} + 4a^{5}x + a^{2} - 4ax - 2a^{-2} + 3a^{-3}x - 2a^{-7}x + a^{-11}x - a^{-14} - a^{-15}x - a^{-18}$
$KBSM(\overline{5_{15}}) = -a^{6} - a^{5}x + a^{2} + 4ax + a^{-2} - 4a^{-3}x - a^{-6} + 3a^{-7}x - 2a^{-11}x + a^{-15}x - a^{-18} - a^{-19}x - a^{-22}$
$KBSM(5_{16}) = 2a^{8}x + a^{5} - 3a^{4}x - 2a + 2x + a^{-3} + a^{-7} - a^{-8}x - 2a^{-11} + a^{-12}x + a^{-15}$
$KBSM(\overline{5_{16}}) = a^{8}x - 3a^{4}x - 2a + 3x + 2a^{-3} + a^{-7} - a^{-11} + a^{-12}x + a^{-15} - a^{-16}x - a^{-19}$
$KBSM(5_{17}) = a^{14} + a^{13}x - a^{10} - 2a^{9}x + 3a^{5}x + a^{2} - 3ax - a^{-2} + a^{-3}x - a^{-7}x$
$KBSM(\overline{5_{17}}) = a^{2} + ax - a^{-2} - 3a^{-3}x - a^{-6} + 3a^{-7}x + a^{-10} - 2a^{-11}x + a^{-15}x - a^{-19}x$
$KBSM(5_{18}) = -a^{-6} - 2a^{-7}x + 2a^{-11}x + a^{-14} - 2a^{-15}x + 2a^{-19}x - a^{-23}x$
$KBSM(\overline{5_{18}}) = a^{18} + a^{17}x - 3a^{13}x - a^{10} + 2a^{9}x + a^{6} - a^{5}x + ax - a^{-2} - a^{-3}x$
$KBSM(5_{19}) = -2a^{4}x - a + 2x + 2a^{-3} + a^{-7} + a^{-12}x + a^{-15} - a^{-16}x - a^{-19}$
$KBSM(\overline{5_{19}}) = a^{8}x + a^{5} - 2a^{4}x - a + x + a^{-3} + a^{-7} - a^{-8}x - a^{-11} + a^{-12}x + a^{-15}$
$KBSM(5_{20}) = a^{2} + 2ax - 3a^{-3}x - a^{-6} + 2a^{-7}x - a^{-11}x + a^{-15}x - a^{-18} - a^{-19}x - a^{-22}$
$KBSM(\overline{5_{20}}) = -a^{10} - a^{9}x + a^{6} + 3a^{5}x + a^{2} - 2ax - a^{-2} + 2a^{-3}x - a^{-7}x - a^{-14} - a^{-15}x - a^{-18}$
$KBSM(5_{21}) = 2a^{12}x + a^{9} - 2a^{8}x - 2a^{5} + x + a^{-3} - a^{-4}x - a^{-7} + a^{-8}x + a^{-11}$
$KBSM(\overline{5_{21}}) = -x - a^{-3} + 2a^{-4}x + 2a^{-7} - a^{-15} + a^{-16}x + a^{-19} - a^{-20}x - a^{-23}$
$KBSM(5_{22}) = -a^{6} - a^{5}x + 2ax + a^{-2} - 2a^{-3}x + a^{-7}x - a^{-11}x$
$KBSM(\overline{5_{22}}) = 2a^{6} + a^{5}x - 3ax - 2a^{-2} + a^{-3}x - a^{-7}x + a^{-11}x$
$KBSM(5_{23}) = -a^{12}x + a^{8}x + a^{5} + x - a^{-3}$

$KBSM(\overline{5_{23}}) = 2x - a^{-4}x - a^{-7} + a^{-15}$
$KBSM(\overline{5_{24}}) = -a^{18} + a^{13}x + a^{10} + a^{6} - ax - a^{-2} - a^{-3}x$
$KBSM(5_{25}) = -a^{-6} - a^{-7}x + a^{-10} + 2a^{-11}x - 4a^{-15}x - a^{-18} + 3a^{-19}x + a^{-22} - 2a^{-23}x + a^{-27}x$
$KBSM(\overline{5_{25}}) = a^{26} - 2a^{22} - 2a^{21}x + a^{18} + 4a^{17}x + 2a^{14} - 3a^{13}x - a^{10} + 2a^{9}x - 2a^{5}x - a^{2}$
$KBSM(5_{26}) = -x + 3a^{-4}x + a^{-7} - 2a^{-8}x - a^{-11} + 2a^{-12}x - a^{-16}x + a^{-19} - a^{-23}$
$KBSM(\overline{5_{26}}) = a^{20}x - 3a^{16}x - a^{13} + 3a^{12}x + a^{9} - a^{8}x + a^{4}x - a + a^{-3}$
$KBSM(5_{27}) = -x + 3a^{-4}x + a^{-7} - 2a^{-8}x - a^{-11} + 2a^{-12}x - a^{-16}x + a^{-19} - a^{-23}$
$KBSM(\overline{5_{27}}) = a^{20}x - 3a^{16}x - a^{13} + 3a^{12}x + a^{9} - a^{8}x + a^{4}x - a + a^{-3}$
$KBSM(5_{28}) = a^{14} + a^{13}x - a^{10} - 2a^{9}x + 3a^{5}x + a^{2} - 3ax - a^{-2} + a^{-3}x - a^{-7}x$
$KBSM(\overline{5_{28}}) = -a^{6} + 2a^{2} + 2ax - 3a^{-3}x - a^{-6} + 2a^{-7}x - 3a^{-11}x - a^{-14} + a^{-15}x + a^{-18}$
$KBSM(\overline{5_{29}}) = a^{14} - 2a^{10} - a^{9}x + 2a^{5}x - 2ax - a^{-2} + 2a^{-3}x + a^{-6} - a^{-7}x - a^{-10}$
$KBSM(5_{30}) = a^{8}x - a^{4}x + 2x - 2a^{-4}x - a^{-7} + a^{-8}x + a^{-15}$
$KBSM(\overline{5_{30}}) = -a^{12}x + 2a^{8}x + a^{5} - a^{4}x + x - a^{-3} - a^{-4}x + a^{-8}x$
$KBSM(5_{31}) = a^{8}x - 2a^{4}x + 3x + a^{-3} - 2a^{-4}x - a^{-7} + a^{-8}x - a^{-11} + a^{-15}$
$KBSM(\overline{5_{31}}) = -a^{12}x + 3a^{8}x + a^{5} - 2a^{4}x - a + x - a^{-3} - a^{-4}x + a^{-7} + a^{-8}x$
$KBSM(5_{32}) = a^{8}x - 2a^{4}x + 2x + a^{-3} - 2a^{-4}x + a^{-8}x + a^{-15}$
$KBSM(\overline{5_{32}}) = -a^{12}x + 2a^{8}x + a^{5} - 2a^{4}x + x - a^{-4}x + a^{-7} + a^{-8}x$
$KBSM(\overline{5_{33}}) = a^{14} - a^{10} - a^{9}x + a^{6} + a^{5}x - 2ax - a^{-2} + 2a^{-3}x + a^{-6} - a^{-7}x - a^{-10}$
$KBSM(5_{34}) = -a^{6} - a^{5}x + a^{2} + 3ax + a^{-2} - 3a^{-3}x - a^{-6} + 2a^{-7}x - 2a^{-11}x$
$KBSM(\overline{5_{34}}) = a^{14} - 2a^{10} - a^{9}x + a^{6} + 3a^{5}x + a^{2} - 3ax - a^{-2} + 2a^{-3}x + a^{-6} - 2a^{-7}x - a^{-10}$
$KBSM(5_{35}) = -a^{-6} - a^{-7}x + 2a^{-11}x - a^{-14} - 3a^{-15}x - a^{-18} + 3a^{-19}x + a^{-22} - 2a^{-23}x + a^{-27}x$
$KBSM(\overline{5_{35}}) = a^{26} - 2a^{22} - 2a^{21}x + 4a^{17}x + a^{14} - 2a^{13}x - a^{10} + 2a^{9}x - 2a^{5}x - a^{2}$
$KBSM(5_{36}) = -x + 2a^{-4}x + a^{-7} - 2a^{-8}x + 2a^{-12}x + a^{-15} - a^{-16}x + a^{-19} - a^{-23}$
$KBSM(\overline{5_{36}}) = a^{20}x - 3a^{16}x - a^{13} + 2a^{12}x + a^{9} - a^{8}x + a^{5} + a^{4}x + a^{-3}$
$KBSM(5_{37}) = a^{14} + a^{13}x - a^{10} - 2a^{9}x - a^{6} + 2a^{5}x - 2ax - a^{-2} + a^{-3}x$
$KBSM(\overline{5_{37}}) = -a^{6} + a^{2} + ax - a^{-2} - 2a^{-3}x - a^{-6} + 2a^{-7}x - 2a^{-11}x - a^{-14} + a^{-15}x + a^{-18}$
$KBSM(5_{38}) = -a^{-2} + a^{-7}x - a^{-10} - 2a^{-11}x - a^{-14} + a^{-15}x + a^{-18} - a^{-19}x + a^{-23}x$
$KBSM(5_{39}) = -a^{12}x - a^{9} + a^{8}x + a^{5} + a + a^{-7}$
$KBSM(\overline{5_{39}}) = -a^{4}x + x + a^{-3} - a^{-4}x + a^{-8}x + a^{-11} + a^{-12}x + a^{-15} - a^{-16}x - a^{-19}$
$KBSM(5_{40}) = a^{-8}x + a^{-11} - a^{-27}$
$KBSM(\overline{5_{40}}) = a^{24}x - a^{20}x - a^{17} + a^{4}x + a$
$KBSM(5_{41}) = a^{18} + a^{9}x - a^{5}x - a^{2} - a^{-3}x$
$KBSM(5_{42}) = a^{-4}x + a^{-7} - a^{-8}x + a^{-12}x - a^{-23}$
$KBSM(\overline{5_{42}}) = a^{20}x - a^{16}x - a^{13} + a^{12}x - a^{8}x + x + a^{-3}$
$KBSM(5_{43}) = a^{6} + a^{5}x - 2ax - a^{-2} + a^{-3}x - a^{-7}x + a^{-11}x - a^{-15}x$
$KBSM(\overline{5_{43}}) = a^{9}x - a^{5}x + ax - 2a^{-3}x + a^{-7}x - a^{-11}x$
$KBSM(5_{44}) = -x - a^{-3} + 2a^{-4}x + 2a^{-7} - a^{-8}x + a^{-16}x + 2a^{-19} - a^{-20}x - a^{-23}$
$KBSM(\overline{5_{44}}) = -a^{16}x + 2a^{12}x + 2a^{9} - 2a^{8}x - a^{5} + x + a^{-3} - a^{-4}x - a^{-7} + a^{-8}x + a^{-11}$
$KBSM(5_{45}) = -a^{10} - a^{9}x + a^{6} + 3a^{5}x + a^{2} - 3ax - a^{-2} + a^{-3}x - 2a^{-7}x + a^{-11}x$
$KBSM(\overline{5_{45}}) = -a^{5}x + a^{2} + 2ax - 3a^{-3}x - a^{-6} + 2a^{-7}x - 2a^{-11}x + a^{-15}x$
$KBSM(5_{46}) = -x - a^{-3} + 3a^{-4}x + 2a^{-7} - a^{-8}x - a^{-11} - a^{-15} + a^{-16}x + 2a^{-19} - a^{-20}x - a^{-23}$
$KBSM(\overline{5_{46}}) = -a^{16}x + 3a^{12}x + 2a^{9} - 2a^{8}x - 2a^{5} - a + x + a^{-3} - a^{-4}x - a^{-7} + a^{-8}x + a^{-11}$
$KBSM(5_{47}) = -a^{10} - a^{9}x + a^{6} + 4a^{5}x + a^{2} - 3ax - a^{-2} + 2a^{-3}x - 2a^{-7}x + a^{-11}x - a^{-14} - a^{-15}x - a^{-18}$
$KBSM(\overline{5_{47}}) = -a^{5}x + a^{2} + 3ax - 3a^{-3}x - a^{-6} + 3a^{-7}x - 2a^{-11}x + a^{-15}x - a^{-18} - a^{-19}x - a^{-22}$
$KBSM(5_{48}) = a^{4}x + a - x - a^{-3} + a^{-4}x + a^{-7} - a^{-12}x - 2a^{-15} + a^{-16}x + a^{-19}$
$KBSM(\overline{5_{48}}) = a^{12}x - 2a^{8}x - 2a^{5} + a^{4}x + a + x + a^{-3} + a^{-8}x + a^{-11} - a^{-12}x - a^{-15}$
$KBSM(5_{49}) = a^{14} + a^{13}x - 2a^{9}x + 2a^{5}x - 2ax - a^{-2} + a^{-3}x - a^{-7}x$
$KBSM(\overline{5_{49}}) = ax - a^{-2} - 2a^{-3}x + 2a^{-7}x + a^{-10} - 2a^{-11}x + a^{-15}x - a^{-19}x$
$KBSM(5_{50}) = -a^{-6} - a^{-7}x + a^{-11}x - 2a^{-15}x + 2a^{-19}x + a^{-22} - a^{-23}x$
$KBSM(\overline{5_{50}}) = a^{26} - a^{22} - a^{21}x + a^{18} + 2a^{17}x + a^{14} - 2a^{13}x - a^{10} + a^{9}x - a^{5}x - a^{2}$

$KBSM(5_{51}) = a^{-4}x - a^{-8}x + 3a^{-12}x + a^{-15} - 2a^{-16}x - a^{-19} - a^{-23} + a^{-27}$
$KBSM(\overline{5_{51}}) = -a^{24}x + 2a^{20}x + a^{17} - 2a^{16}x - a^{13} + a^{12}x - a^9 + a^5 + a^4x$
$KBSM(5_{52}) = -a^{16}x + a^{12}x - a^8x + 2a^4x + a - a^{-7}$
$KBSM(\overline{5_{52}}) = a^4x - x - a^{-3} + a^{-4}x + a^{-11} + a^{-12}x - a^{-16}x$
$KBSM(5_{53}) = a^{-2} + a^{-3}x - 2a^{-7}x - a^{-10} + a^{-11}x - 2a^{-15}x + a^{-19}x$
$KBSM(\overline{5_{53}}) = -a^{22} + a^{18} + a^{17}x - a^{13}x + 2a^9x + a^6 - 2a^5x - a^2 - a^{-3}x$
$KBSM(5_{54}) = a^{20}x - 2a^{16}x - a^{13} + 2a^{12}x - a^8x + a^4x + a^{-3}$
$KBSM(\overline{5_{54}}) = -x + 2a^{-4}x + a^{-7} - a^{-8}x + 2a^{-12}x - a^{-16}x - a^{-23}$
$KBSM(\overline{5_{55}}) = a^2 - a^{-2} - a^{-3}x + a^{-6} + 2a^{-7}x - 4a^{-11}x - 2a^{-14} + 2a^{-15}x + a^{-18} - a^{-19}x + a^{-23}x$
$KBSM(5_{56}) = a^{14} + a^{13}x - 2a^9x + 2a^5x - 2ax - a^{-2} + a^{-3}x - a^{-7}x$
$KBSM(\overline{5_{56}}) = -a^6 + a^2 + 2ax - 2a^{-3}x + a^{-7}x - 3a^{-11}x - a^{-14} + a^{-15}x + a^{-18}$
$KBSM(5_{57}) = -a^{-2} - a^{-3}x + a^{-7}x - a^{-11}x + a^{-15}x + a^{-18} - a^{-19}x$
$KBSM(\overline{5_{57}}) = a^{22} - a^{17}x + a^{13}x - a^9x + a^5x - ax - a^{-2}$
$KBSM(5_{58}) = -a^4x + 2x + a^{-3} - a^{-4}x + a^{-8}x - a^{-19}$
$KBSM(\overline{5_{58}}) = a^{16}x - a^{12}x - a^9 + a^8x - a^4x + x + a^{-7}$
$KBSM(5_{59}) = a^2 + ax - a^{-2} - 3a^{-3}x + 3a^{-7}x + a^{-10} - 3a^{-11}x - a^{-14} + 2a^{-15}x - a^{-19}x$
$KBSM(\overline{5_{59}}) = -a^{18} + a^{14} + 2a^{13}x - 3a^9x + 3a^5x + a^2 - 3ax - a^{-2} + a^{-3}x - a^{-7}x$
$KBSM(5_{60}) = a^8x - 2a^4x - a + 3x + a^{-3} - a^{-4}x - a^{-11} + a^{-15}$
$KBSM(\overline{5_{60}}) = -a^{12}x + 2a^8x + a^5 - 2a^4x - a + 2x + a^{-7} - a^{-11}$
$KBSM(5_{61}) = a^2 + ax - 2a^{-2} - 4a^{-3}x - a^{-6} + 4a^{-7}x + a^{-10} - 3a^{-11}x - a^{-14} + 3a^{-15}x - a^{-19}x$
$KBSM(\overline{5_{61}}) = -a^{18} + a^{14} + 2a^{13}x - a^{10} - 4a^9x - a^6 + 4a^5x + a^2 - 3ax - a^{-2} + 2a^{-3}x - a^{-7}x$
$KBSM(5_{62}) = a^8x - 4a^4x - 2a + 4x + 3a^{-3} - a^{-4}x + a^{-7} - a^{-11} + a^{-12}x + 2a^{-15} - a^{-16}x - a^{-19}$
$KBSM(\overline{5_{62}}) = -a^{12}x + 3a^8x + 2a^5 - 4a^4x - 2a + 2x + a^{-3} + 2a^{-7} - a^{-8}x - 2a^{-11} + a^{-12}x + a^{-15}$
$KBSM(5_{63}) = -a^6 - a^5x + a^2 + 3ax - 4a^{-3}x - a^{-6} + 3a^{-7}x + a^{-10} - 3a^{-11}x + a^{-15}x$
$KBSM(\overline{5_{63}}) = a^{14} - a^{10} - 2a^9x + a^6 + 4a^5x + a^2 - 4ax - 2a^{-2} + 2a^{-3}x - 2a^{-7}x + a^{-11}x$
$KBSM(5_{64}) = a^8x - 3a^4x - 2a + 4x + 2a^{-3} - a^{-4}x - a^{-11} + a^{-12}x + 2a^{-15} - a^{-16}x - a^{-19}$
$KBSM(\overline{5_{64}}) = -a^{12}x + 3a^8x + 2a^5 - 3a^4x - 2a + 2x + a^{-7} - a^{-8}x - 2a^{-11} + a^{-12}x + a^{-15}$
$KBSM(5_{65}) = -a^6 - a^5x + 2a^2 + 5ax - 6a^{-3}x - 2a^{-6} + 5a^{-7}x + a^{-10} - 4a^{-11}x + 2a^{-15}x - a^{-18} - a^{-19}x - a^{-22}$
$KBSM(\overline{5_{65}}) = a^{14} - 2a^{10} - 3a^9x + a^6 + 7a^5x + 2a^2 - 5ax - 2a^{-2} + 4a^{-3}x - 3a^{-7}x + a^{-11}x - a^{-14} - a^{-15}x - a^{-18}$
$KBSM(5_{66}) = a^{10} + a^9x - 2a^5x + 2ax - 3a^{-3}x - a^{-6} + 2a^{-7}x - a^{-11}x$
$KBSM(\overline{5_{66}}) = -a^{10} + a^6 + 2a^5x - 3ax - a^{-2} + 2a^{-3}x + a^{-6} - 2a^{-7}x + a^{-11}x - a^{-15}x$
$KBSM(\overline{5_{67}}) = a^{17}x - a^{13}x + a^9x + a^6 - a^5x - a^{-2} - a^{-3}x$
$KBSM(5_{68}) = -a^8x - a^5 + a + x + a^{-3} + a^{-7} + a^{-8}x + a^{-11} - a^{-12}x - a^{-15}$
$KBSM(5_{69}) = a^{-3}x - a^{-7}x + a^{-11}x - a^{-15}x + a^{-19}x - a^{-22} - a^{-23}x - a^{-26}$
$KBSM(\overline{5_{69}}) = -a^{13}x + 2a^9x + a^6 + ax - a^{-2} - a^{-3}x - a^{-10} - a^{-11}x - a^{-14}$
$KBSM(5_{70}) = a^{12}x + a^9 - a^8x - a^5 + x - a^{-4}x - a^{-7} + a^{-8}x + a^{-11}$
$KBSM(\overline{5_{70}}) = -a^{-3} + a^{-4}x + a^{-7} + a^{-16}x + a^{-19} - a^{-20}x - a^{-23}$
$KBSM(\overline{5_{71}}) = -a^6 + ax - a^{-7}x - a^{-10} - a^{-11}x - a^{-14} + a^{-18} + a^{-19}x$
$KBSM(5_{72}) = a^{-8}x + a^{-11} - a^{-15} + a^{-20}x + a^{-23} - a^{-24}x - a^{-27}$
$KBSM(\overline{5_{72}}) = a^{16}x + a^{13} - a^9 - a^8x - a^5 + a^{-4}x + a^{-7}$
$KBSM(5_{73}) = a^6 + a^5x - ax - a^{-2} + a^{-3}x - a^{-14} - a^{-15}x - a^{-18}$
$KBSM(\overline{5_{73}}) = ax - a^{-3}x + a^{-7}x - a^{-18} - a^{-19}x - a^{-22}$
$KBSM(\overline{5_{74}}) = -a^{22} + a^{18} + a^{17}x + a^{14} - a^5x - a^2 - ax$
$KBSM(\overline{5_{75}}) = a^2 - a^{-7}x - a^{-10} - a^{-11}x - a^{-14} + a^{-18} + a^{-19}x$
$KBSM(\overline{5_{76}}) = a - a^{-4}x + a^{-8}x + a^{-11}$
$KBSM(\overline{5_{77}}) = -a^{10} + a^6 + a^5x - ax + a^{-3}x + a^{-6} - 2a^{-7}x - a^{-10}$
$KBSM(\overline{5_{78}}) = a^8x - a^{-3} - a^{-4}x + a^{-8}x + a^{-11}$
$KBSM(5_{79}) = -a^{-7}x + a^{-11}x - 2a^{-15}x + a^{-19}x - a^{-23}x + a^{-27}x$
$KBSM(\overline{5_{79}}) = -a^{22} - a^{21}x + a^{18} + 2a^{17}x + a^{14} - a^{13}x + a^9x - 2a^5x - a^2$

$KBSM(5_{80}) = a^{13}x - a^9x + a^5x - ax - a^{-7}x$
$KBSM(\overline{5_{80}}) = a^2 + ax - a^{-3}x - a^{-10} - 2a^{-11}x - a^{-14} + a^{-15}x + a^{-18}$
$KBSM(\overline{5_{81}}) = a^{26} - a^{22} - a^{21}x + 2a^{17}x + a^{14} - a^5x - a^2 - ax$
$KBSM(\overline{5_{82}}) = a^{18} + a^{17}x - 2a^{13}x - a^{10} + 2a^9x + a^6 - a^5x - a^{-2} - a^{-3}x$
$KBSM(5_{83}) = -a^4x - a + 2x + a^{-3} + a^{-12}x + a^{-15} - a^{-16}x - a^{-19}$
$KBSM(\overline{5_{83}}) = a^8x + a^5 - a^4x - a + x - a^{-8}x - a^{-11} + a^{-12}x + a^{-15}$
$KBSM(5_{84}) = a^{-2} + a^{-3}x - 2a^{-7}x - a^{-10} + 2a^{-11}x - a^{-15}x + a^{-19}x - a^{-22} - a^{-23}x - a^{-26}$
$KBSM(\overline{5_{84}}) = -a^{14} - a^{13}x + 3a^9x + 2a^6 - a^5x + ax - a^{-2} - a^{-3}x - a^{-10} - a^{-11}x - a^{-14}$
$KBSM(\overline{5_{85}}) = a^9x + a^6 + a^5x - a^{-2} - a^{-3}x - a^{-6} - a^{-7}x - a^{-10}$
$KBSM(5_{86}) = a^{14} - a^{10} - a^9x + 2a^5x - 2ax - 2a^{-2} + a^{-3}x$
$KBSM(\overline{5_{86}}) = -a^6 + ax - a^{-2} - 2a^{-3}x - a^{-6} + 2a^{-7}x + a^{-10} - a^{-11}x$
$KBSM(\overline{5_{87}}) = a^{26} + a^{18} - a^{14} - a^{13}x - a^{10} + a^9x + a^6 - a^5x - a^2$
$KBSM(\overline{5_{88}}) = a^{26} - a^{22} + a^{18} + a^{17}x - 2a^{13}x - a^{10} + a^9x + a^6 - a^5x - a^2$
$KBSM(5_{89}) = -a^{-6} - a^{-7}x - a^{-10} + 2a^{-11}x - 2a^{-15}x - a^{-18} + a^{-19}x + a^{-26}$
$KBSM(\overline{5_{89}}) = a^{26} - a^{22} + a^{18} + a^{17}x - a^{14} - 2a^{13}x - 2a^{10} + 2a^9x + a^6 - a^5x - a^2$
$KBSM(5_{90}) = -a^{-2} + a^{-6} - a^{-10} - a^{-11}x - a^{-14} + a^{-15}x - a^{-19}x - a^{-22} + a^{-23}x + a^{-26}$
$KBSM(5_{91}) = -a^{-2} - a^{-10} - a^{-19}x - a^{-22} + a^{-23}x + a^{-26}$
$KBSM(5_{92}) = a^{-4}x - 2a^{-8}x + 3a^{-12}x + a^{-15} - a^{-16}x + a^{-20}x - a^{-23} - a^{-24}x$
$KBSM(\overline{5_{92}}) = -a^{24}x + 2a^{20}x - 2a^{16}x - a^{13} + 2a^{12}x - a^8x + a^5 + a^4x$
$KBSM(\overline{5_{93}}) = a^{30} - a^9x - a^6$
$KBSM(5_{94}) = -a^{-6} - a^{-14} - a^{-15}x + a^{-19}x - a^{-23}x - a^{-26} + a^{-27}x + a^{-30}$
$KBSM(5_{95}) = -a^{-6} - 2a^{-14} - a^{-15}x + 2a^{-19}x + a^{-22} - 2a^{-23}x - a^{-26} + a^{-27}x + a^{-30}$
$KBSM(\overline{5_{95}}) = a^{26} + a^{25}x - 2a^{21}x - a^{18} + 2a^{17}x - a^{13}x - a^{10} - a^6$

2.4 Knots in $L(4,1)$

$KBSM(0_1) = x$
$KBSM(1_1) = -a^{-2}x^2 + a^{-2} + a^{-6}$
$KBSM(\overline{1_1}) = a^6 - a^2x^2 + a^2$
$KBSM(2_1) = -a^{-2}x^2 + a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{2_1}) = -a^{10} + a^6x^2 - a^6 - a^2x^2$
$KBSM(*2_2) = -a^4x + x + a^{-2}x$
$KBSM(2_3) = a^{-6}x$
$KBSM(\overline{2_3}) = -a^8x + a^2x + x$
$KBSM(3_1) = a^{-4}x + a^{-6}x - a^{-10}x$
$KBSM(\overline{3_1}) = a^{12}x - a^8x - a^6x + a^2x + x$
$KBSM(3_2) = a^6x^2 - a^2x^2 - a^{-2} - a^{-6}$
$KBSM(\overline{3_2}) = a^2x^2 - a^2 - a^{-2}x^2 - a^{-10}$
$KBSM(3_3) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{3_3}) = a^{14} - a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2$
$KBSM(3_4) = -a^4x + 2x + a^{-2}x - a^{-6}x$
$KBSM(\overline{3_4}) = a^8x - a^4x - a^2x + x + a^{-2}x$
$KBSM(3_5) = a^2x^2 - 2a^{-2}x^2 + a^{-2} + a^{-6}x^2 - a^{-6} - 2a^{-10}$
$KBSM(\overline{3_5}) = -a^{10} + 2a^6x^2 - a^6 - 2a^2x^2 + a^2 - a^{-6}$
$KBSM(\overline{3_6}) = a^{10}x^2 - a^{10} - a^2x^2 - a^{-2}$
$KBSM(3_7) = -a^{-6}x^2 + a^{-6} + a^{-18}$
$KBSM(\overline{3_7}) = a^{18} - a^6x^2 + a^6$
$KBSM(3_8) = -a^{-2} - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(\overline{4_1}) = -a^{14}x^2 + a^{14} + a^{10}x^2 + a^6 - a^2x^2 + a^2 - a^{-2}$

$KBSM(4_2) = -a^8x - a^6x + a^2x + x + a^{-6}x$
$KBSM(\overline{4_2}) = -a^{-2}x + a^{-6}x + a^{-14}x$
$KBSM(4_3) = 2a^{-4}x + a^{-6}x - a^{-8}x - 2a^{-10}x + a^{-14}x$
$KBSM(\overline{4_3}) = -a^{16}x + 2a^{12}x + a^{10}x - a^8x - 2a^6x + a^2x + x$
$KBSM(4_4) = a^2x^2 - 3a^{-2}x^2 + 2a^{-2} + a^{-6}x^2 - a^{-10} + a^{-14}$
$KBSM(\overline{4_4}) = -a^{10}x^2 + 2a^6x^2 - 2a^2x^2 + 2a^2 + a^{-2} - a^{-6}$
$KBSM(4_5) = -2a^4x - a^2x + 2x + 2a^{-2}x - a^{-6}x + a^{-10}x$
$KBSM(\overline{4_5}) = a^8x - 2a^4x - 2a^2x + x + 2a^{-2}x + a^{-10}x$
$KBSM(4_6) = -a^{-6}x^2 + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{4_6}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2$
$KBSM(4_7) = a^{-4}x - a^{-8}x + 2a^{-12}x + a^{-14}x - a^{-16}x - a^{-18}x$
$KBSM(\overline{4_7}) = a^{20}x - 2a^{16}x - a^{14}x + a^{12}x + a^{10}x + a^4x$
$KBSM(4_8) = -a^{16}x + a^{12}x - a^8x + a^4x + a^2x$
$KBSM(\overline{4_8}) = -x + a^{-4}x + a^{-6}x + a^{-12}x - a^{-16}x$
$KBSM(4_9) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2 + a^{-2}$
$KBSM(\overline{4_9}) = a^2 - a^{-2}x^2 + a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2$
$KBSM(4_{10}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{4_{10}}) = -a^{18} + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^2$
$KBSM(4_{11}) = -a^4x + 2x + a^{-2}x - a^{-4}x - a^{-6}x + a^{-10}x$
$KBSM(\overline{4_{11}}) = -a^{12}x + a^8x + a^6x - a^4x - a^2x + x + a^{-2}x$
$KBSM(4_{12}) = a^2x^2 - 3a^{-2}x^2 + a^{-2} + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 + 2a^{-14}$
$KBSM(\overline{4_{12}}) = a^{14} - 2a^{10}x^2 + a^{10} + 3a^6x^2 - a^6 - 2a^2x^2 + a^2 + a^{-2} - a^{-6}$
$KBSM(*4_{13}) = a^8x - 2a^4x - a^2x + 2x + 2a^{-2}x - a^{-6}x$
$KBSM(*4_{14}) = a^8x - 3a^4x - 2a^2x + 2x + 3a^{-2}x - a^{-6}x + a^{-10}x$
$KBSM(4_{15}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + a^{-2} + a^{-6}x^2 - 2a^{-10}$
$KBSM(\overline{4_{15}}) = -a^{10} + 2a^6x^2 - a^6 - 3a^2x^2 + a^2 + a^{-2}x^2 - a^{-2} - a^{-6} + a^{-10}$
$KBSM(4_{16}) = a^{-4}x + a^{-6}x - a^{-8}x - a^{-10}x + a^{-14}x$
$KBSM(\overline{4_{16}}) = -a^{16}x + a^{12}x + a^{10}x - a^8x - a^6x + a^2x + x$
$KBSM(4_{17}) = a^6x^2 - 2a^2x^2 + a^2 + a^{-10}$
$KBSM(\overline{4_{17}}) = -a^6x^2 + a^6 + a^2x^2 - a^{-2}x^2 + a^{-2} + a^{-6} - a^{-10}$
$KBSM(4_{18}) = -x - a^{-2}x + a^{-4}x + 2a^{-6}x - a^{-10}x + a^{-14}x$
$KBSM(\overline{4_{18}}) = a^{12}x - 2a^8x - 2a^6x + 2a^2x + x + a^{-6}x$
$KBSM(4_{19}) = -a^{10}x^2 + 2a^6x^2 - a^6 - a^2x^2 - a^{-6}$
$KBSM(\overline{4_{19}}) = a^2x^2 - a^2 - 2a^{-2}x^2 + a^{-6}x^2 - a^{-6} - a^{-10} + a^{-14}$
$KBSM(4_{20}) = -a^{-6}x^2 + a^{-10}x^2 - 2a^{-10} - a^{-14} + a^{-18}$
$KBSM(\overline{4_{20}}) = -a^{14}x^2 + 2a^{10}x^2 - 2a^{10} - a^2x^2 + a^2 - a^{-2}$
$KBSM(*4_{21}) = -a^4x - a^2x + x + a^{-2}x + a^{-10}x$
$KBSM(\overline{4_{22}}) = -a^{16}x + a^6x + a^4x$
$KBSM(\overline{4_{23}}) = a^{-8}x + a^{-10}x + a^{-12}x - a^{-14}x - a^{-16}x$
$KBSM(\overline{4_{24}}) = -a^{10}x - a^8x + a^2x + x + a^{-2}x$
$KBSM(4_{25}) = -a^6x^2 + a^6 + a^2x^2 - a^2 - a^{-2} - a^{-10}$
$KBSM(\overline{4_{25}}) = -a^{10} - a^2 + a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(\overline{4_{26}}) = -a^{10} + a^6 - a^2x^2 + a^2 + a^{-2}x^2 - a^{-6}x^2 + a^{-6}$
$KBSM(*4_{27}) = a^8x - 2a^4x + x + a^{-2}x - a^{-4}x + a^{-8}x$
$KBSM(5_1) = a^{-8}x + a^{-10}x + a^{-12}x - a^{-14}x - a^{-16}x$
$KBSM(\overline{5_1}) = -a^{10}x + a^6x + a^4x$
$KBSM(5_2) = a^{-6} - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2 - a^{-14} + a^{-22}$
$KBSM(\overline{5_2}) = -a^{18}x^2 + a^{18} + 2a^{14}x^2 - a^{14} - a^{10}x^2 + a^{10} - a^6x^2 + 2a^6 - a^2$
$KBSM(5_3) = -a^{12}x - a^{10}x + a^8x + 2a^6x + a^4x - a^2x$
$KBSM(\overline{5_3}) = x - a^{-4}x - a^{-6}x + a^{-8}x + 2a^{-10}x + a^{-12}x - a^{-14}x - a^{-16}x$

$KBSM(5_4) = a^{14}x^2 - a^{14} - a^6x^2 + a^6 - a^2 - a^{-2}$
$KBSM(\overline{5_4}) = a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6} - a^{-10}x^2 + a^{-14}x^2 - 2a^{-14}$
$KBSM(5_5) = a^{-10}x + a^{-18}x - a^{-22}x$
$KBSM(\overline{5_5}) = a^{14}x - a^{10}x - a^8x + x + a^{-2}x$
$KBSM(5_6) = a^{10}x^2 - a^{10} + a^6 - a^2x^2 + a^2 - a^{-6}x^2 + a^{-6}$
$KBSM(5_7) = -2a^{-6}x^2 + a^{-6} + 2a^{-10}x^2 - 2a^{-10} - a^{-14} + a^{-18} - a^{-22}$
$KBSM(\overline{5_7}) = a^{18}x^2 - a^{18} - 2a^{14}x^2 + 2a^{10}x^2 - 2a^{10} - a^2x^2 + 2a^2 - a^{-2}$
$KBSM(5_8) = -x - a^{-2}x + a^{-4}x + 3a^{-6}x - a^{-10}x + a^{-14}x - a^{-18}x$
$KBSM(\overline{5_8}) = a^{12}x + a^{10}x - 2a^8x - 2a^6x + 2a^2x + x - a^{-2}x + a^{-6}x$
$KBSM(5_9) = 2a^6x^2 - a^6 - 2a^2x^2 + a^2 - a^{-10}x^2 + 2a^{-10}$
$KBSM(\overline{5_9}) = -a^6x^2 + a^6 + 2a^2x^2 - a^2 - a^{-2}x^2 + a^{-2} + a^{-6} - a^{-10} - a^{-14}x^2 + a^{-14}$
$KBSM(5_{10}) = 2a^{-4}x + a^{-6}x - 2a^{-8}x - 2a^{-10}x + a^{-12}x + 2a^{-14}x - a^{-18}x$
$KBSM(\overline{5_{10}}) = a^{20}x - 2a^{16}x - a^{14}x + 2a^{12}x + 2a^{10}x - a^8x - 2a^6x + a^2x + x$
$KBSM(5_{11}) = a^2x^2 - 4a^{-2}x^2 + 2a^{-2} + 3a^{-6}x^2 - a^{-6} - a^{-10}x^2 + 2a^{-14} - a^{-18}$
$KBSM(\overline{5_{11}}) = a^{14}x^2 - 3a^{10}x^2 + a^{10} + 3a^6x^2 - a^6 - 2a^2x^2 + a^2 + 2a^{-2} - a^{-6}$
$KBSM(5_{12}) = -2x - a^{-2}x + 3a^{-4}x + 4a^{-6}x - a^{-8}x - 3a^{-10}x + 2a^{-14}x - a^{-18}x$
$KBSM(\overline{5_{12}}) = -a^{16}x + 3a^{12}x + 2a^{10}x - 3a^8x - 4a^6x + 3a^2x + x - a^{-2}x + a^{-6}x$
$KBSM(5_{13}) = -a^6x^2 + 3a^2x^2 - 2a^2 - 3a^{-2}x^2 + a^{-2} + a^{-6}x^2 - 2a^{-10} + a^{-14}$
$KBSM(\overline{5_{13}}) = -a^{10}x^2 + 3a^6x^2 - a^6 - 3a^2x^2 + a^2 + a^{-2}x^2 - a^{-2} - 2a^{-6} + a^{-10}$
$KBSM(5_{14}) = -2a^4x - a^2x + 3x + 3a^{-2}x - a^{-4}x - 2a^{-6}x + 2a^{-10}x - a^{-14}x$
$KBSM(\overline{5_{14}}) = -a^{12}x + 2a^8x + 2a^6x - 2a^4x - 3a^2x + x + 2a^{-2}x - a^{-6}x + a^{-10}x$
$KBSM(5_{15}) = -a^{10}x^2 + 4a^6x^2 - a^6 - 4a^2x^2 + 3a^2 + a^{-2}x^2 - 2a^{-6} - a^{-10}x^2 + 2a^{-10}$
$KBSM(\overline{5_{15}}) = -a^6x^2 + 4a^2x^2 - 2a^2 - 4a^{-2}x^2 + 3a^{-2} + a^{-6}x^2 + a^{-6} - 2a^{-10} - a^{-14}x^2 + 2a^{-14}$
$KBSM(5_{16}) = 2a^8x + a^6x - 3a^4x - 3a^2x + 2x + 3a^{-2}x - 2a^{-6}x + a^{-10}x$
$KBSM(\overline{5_{16}}) = a^8x - 3a^4x - 2a^2x + 3x + 4a^{-2}x - 2a^{-6}x + a^{-10}x - a^{-14}x$
$KBSM(5_{17}) = a^{14}x^2 - 2a^{10}x^2 + 3a^6x^2 - 2a^6 - 2a^2x^2 + a^{-2} - a^{-6}$
$KBSM(\overline{5_{17}}) = a^2x^2 - 3a^{-2}x^2 + a^{-2} + 3a^{-6}x^2 - 2a^{-6} - a^{-10}x^2 - a^{-10} + a^{-14} - a^{-18}$
$KBSM(5_{18}) = -2a^{-6}x^2 + a^{-6} + 2a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-14} + 2a^{-18} - a^{-22}$
$KBSM(\overline{5_{18}}) = a^{18}x^2 - 3a^{14}x^2 + 2a^{14} + 2a^{10}x^2 - a^{10} - a^2x^2 + 2a^2 - a^{-2}$
$KBSM(5_{19}) = -2a^4x - a^2x + 2x + 3a^{-2}x - a^{-6}x + a^{-10}x - a^{-14}x$
$KBSM(\overline{5_{19}}) = a^8x + a^6x - 2a^4x - 2a^2x + x + 2a^{-2}x - a^{-6}x + a^{-10}x$
$KBSM(5_{20}) = 2a^2x^2 - a^2 - 3a^{-2}x^2 + 2a^{-2} + a^{-6}x^2 - a^{-10} - a^{-14}x^2 + 2a^{-14}$
$KBSM(\overline{5_{20}}) = -a^{10}x^2 + 3a^6x^2 - a^6 - 2a^2x^2 + 2a^2 + a^{-2} - a^{-6} - a^{-10}x^2 + a^{-10}$
$KBSM(5_{21}) = 2a^{12}x + a^{10}x - 2a^8x - 3a^6x + 2a^2x + x - a^{-2}x + a^{-6}x$
$KBSM(\overline{5_{21}}) = -x - a^{-2}x + 2a^{-4}x + 3a^{-6}x - 2a^{-10}x + a^{-14}x - a^{-18}x$
$KBSM(5_{22}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-2} + 2a^{-6} - a^{-10}$
$KBSM(\overline{5_{22}}) = a^6x^2 + a^6 - 3a^2x^2 + 2a^2 + a^{-2}x^2 - a^{-2} - a^{-6} + a^{-10}$
$KBSM(5_{23}) = -a^{12}x + a^8x + a^6x - a^2x + x$
$KBSM(\overline{5_{23}}) = 2x - a^{-4}x - a^{-6}x + a^{-10}x$
$KBSM(5_{24}) = a^{-6} - a^{-10}x^2 + a^{-14}x^2 - 2a^{-14} - a^{-18}$
$KBSM(\overline{5_{24}}) = -a^{18} + a^{14}x^2 - a^{14} + a^6 - a^2x^2 - a^{-2}$
$KBSM(5_{25}) = -a^{-6}x^2 + 2a^{-10}x^2 - 4a^{-14}x^2 + 2a^{-14} + 3a^{-18}x^2 - a^{-18} - a^{-22}x^2 - a^{-22} + 2a^{-26}$
$KBSM(\overline{5_{25}}) = a^{26} - 2a^{22}x^2 + 4a^{18}x^2 - a^{18} - 3a^{14}x^2 + 2a^{14} + a^{10}x^2 + a^{10} - a^6x^2 - a^6$
$KBSM(5_{26}) = -x + 3a^{-4}x + a^{-6}x - 2a^{-8}x - 2a^{-10}x + 2a^{-12}x + 2a^{-14}x - a^{-16}x - a^{-18}x$
$KBSM(\overline{5_{26}}) = a^{20}x - 3a^{16}x - a^{14}x + 3a^{12}x + 2a^{10}x - a^8x - 2a^6x + a^4x + a^2x$
$KBSM(5_{27}) = -x + 3a^{-4}x + a^{-6}x - 2a^{-8}x - 2a^{-10}x + 2a^{-12}x + 2a^{-14}x - a^{-16}x - a^{-18}x$
$KBSM(\overline{5_{27}}) = a^{20}x - 3a^{16}x - a^{14}x + 3a^{12}x + 2a^{10}x - a^8x - 2a^6x + a^4x + a^2x$
$KBSM(5_{28}) = a^{14}x^2 - 2a^{10}x^2 + 3a^6x^2 - a^6 - 3a^2x^2 + a^2 + a^{-2}x^2 - 2a^{-6}$
$KBSM(\overline{5_{28}}) = -a^6 + 2a^2x^2 - 3a^{-2}x^2 + a^{-2} + 2a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 - a^{-10} + a^{-14}x^2$
$KBSM(5_{29}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 - a^{-10} + a^{-14}$

$KBSM(\overline{5_{29}}) = a^{14} - a^{10}x^2 - a^{10} + 2a^6x^2 - a^6 - 2a^2x^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$
$KBSM(5_{30}) = a^8x - a^4x + 2x - 2a^{-4}x - a^{-6}x + a^{-8}x + a^{-10}x$
$KBSM(\overline{5_{30}}) = -a^{12}x + 2a^8x + a^6x - a^4x - a^2x + x - a^{-4}x + a^{-8}x$
$KBSM(5_{31}) = a^8x - 2a^4x + 3x + a^{-2}x - 2a^{-4}x - 2a^{-6}x + a^{-8}x + a^{-10}x$
$KBSM(\overline{5_{31}}) = -a^{12}x + 3a^8x + a^6x - 2a^4x - 2a^2x + x + a^{-2}x - a^{-4}x + a^{-8}x$
$KBSM(5_{32}) = a^8x - 2a^4x + 2x + a^{-2}x - 2a^{-4}x - a^{-6}x + a^{-8}x + a^{-10}x$
$KBSM(\overline{5_{32}}) = -a^{12}x + 2a^8x + a^6x - 2a^4x - a^2x + x + a^{-2}x - a^{-4}x + a^{-8}x$
$KBSM(5_{33}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + a^{-2} + a^{-6}x^2 + a^{-6} - a^{-10}x^2 + a^{-14}$
$KBSM(\overline{5_{33}}) = a^{14} - a^{10}x^2 + a^6x^2 + a^6 - 2a^2x^2 + a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$
$KBSM(5_{34}) = -a^6x^2 + 3a^2x^2 - a^2 - 3a^{-2}x^2 + a^{-2} + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 - 2a^{-10} + a^{-14}$
$KBSM(\overline{5_{34}}) = a^{14} - a^{10}x^2 - a^{10} + 3a^6x^2 - a^6 - 3a^2x^2 + a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2 - a^{-6}$
$KBSM(5_{35}) = -a^{-6}x^2 + 2a^{-10}x^2 - a^{-10} - 3a^{-14}x^2 + 3a^{-18}x^2 - 2a^{-18} - a^{-22}x^2 - a^{-22} + 2a^{-26}$
$KBSM(\overline{5_{35}}) = a^{26} - 2a^{22}x^2 + 4a^{18}x^2 - 2a^{18} - 2a^{14}x^2 + a^{10}x^2 - a^6x^2 - a^6$
$KBSM(5_{36}) = -x + 2a^{-4}x + a^{-6}x - 2a^{-8}x - a^{-10}x + 2a^{-12}x + 2a^{-14}x - a^{-16}x - a^{-18}x$
$KBSM(\overline{5_{36}}) = a^{20}x - 3a^{16}x - a^{14}x + 2a^{12}x + 2a^{10}x - a^8x - a^6x + a^4x + a^2x$
$KBSM(5_{37}) = a^{14}x^2 - 2a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-6}$
$KBSM(\overline{5_{37}}) = -a^6 + a^2x^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^2$
$KBSM(5_{38}) = -a^{-2} + a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^2 - a^{-14} + a^{-22}$
$KBSM(\overline{5_{38}}) = -a^{18}x^2 + a^{18} + 2a^{14}x^2 - a^{14} - a^{10}x^2 - 2a^2$
$KBSM(\overline{5_{39}}) = -a^4x + x + a^{-2}x - a^{-4}x - a^{-6}x + a^{-8}x + 2a^{-10}x + a^{-12}x - a^{-14}x - a^{-16}x$
$KBSM(5_{40}) = a^{-8}x + a^{-10}x - a^{-14}x + a^{-18}x - a^{-22}x$
$KBSM(\overline{5_{40}}) = a^{24}x - a^{20}x - a^{18}x + a^{14}x - a^{10}x + a^6x + a^4x$
$KBSM(5_{41}) = a^{18} + a^{10}x^2 - a^{10} - a^6x^2 - a^2 - a^{-2}$
$KBSM(\overline{5_{41}}) = a^{-2}x^2 - a^{-2} - a^{-6}x^2 - a^{-10} - a^{-14} + a^{-18}$
$KBSM(5_{42}) = a^{-4}x + a^{-6}x - a^{-8}x - a^{-10}x + a^{-12}x + a^{-14}x - a^{-18}x$
$KBSM(\overline{5_{42}}) = a^{20}x - a^{16}x - a^{14}x + a^{12}x + a^{10}x - a^8x - a^6x + a^2x + x$
$KBSM(5_{43}) = a^6x^2 - 2a^2x^2 + a^2 + a^{-2}x^2 - a^{-2} - a^{-6} - a^{-14}$
$KBSM(\overline{5_{43}}) = a^{10}x^2 - a^{10} - a^6x^2 + a^2x^2 - a^2 - a^{-2}x^2 + a^{-6} - a^{-10}$
$KBSM(5_{44}) = -x - a^{-2}x + 2a^{-4}x + 3a^{-6}x - a^{-8}x - 2a^{-10}x + 2a^{-14}x - a^{-18}x$
$KBSM(\overline{5_{44}}) = -a^{16}x + 2a^{12}x + 2a^{10}x - 2a^8x - 3a^6x + 2a^2x + x - a^{-2}x + a^{-6}x$
$KBSM(5_{45}) = -a^{10}x^2 + 3a^6x^2 - a^6 - 3a^2x^2 + 2a^2 + a^{-2} - a^{-6} + a^{-10}$
$KBSM(\overline{5_{45}}) = -a^6x^2 + a^6 + 2a^2x^2 - 3a^{-2}x^2 + 2a^{-2} + a^{-6}x^2 - 2a^{-10} + a^{-14}$
$KBSM(5_{46}) = -x - a^{-2}x + 3a^{-4}x + 3a^{-6}x - a^{-8}x - 3a^{-10}x + 2a^{-14}x - a^{-18}x$
$KBSM(\overline{5_{46}}) = -a^{16}x + 3a^{12}x + 2a^{10}x - 2a^8x - 4a^6x + 2a^2x + x - a^{-2}x + a^{-6}x$
$KBSM(5_{47}) = -a^{10}x^2 + 4a^6x^2 - 2a^6 - 3a^2x^2 + 2a^2 + a^{-2} - a^{-6} - a^{-10}x^2 + 2a^{-10}$
$KBSM(\overline{5_{47}}) = -a^6x^2 + a^6 + 3a^2x^2 - a^2 - 3a^{-2}x^2 + 2a^{-2} + a^{-6}x^2 - 2a^{-10} - a^{-14}x^2 + 2a^{-14}$
$KBSM(5_{48}) = a^4x + a^2x - x - 2a^{-2}x + a^{-4}x + 2a^{-6}x - 2a^{-10}x + a^{-14}x$
$KBSM(\overline{5_{48}}) = a^{12}x - 2a^8x - 2a^6x + a^4x + 3a^2x + x - a^{-2}x + a^{-6}x - a^{-10}x$
$KBSM(5_{49}) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + 2a^6x^2 - a^6 - a^2x^2 - a^2 - a^{-6}$
$KBSM(\overline{5_{49}}) = a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 + a^{-14} - a^{-18}$
$KBSM(5_{50}) = -a^{-6}x^2 + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + 2a^{-18}x^2 - a^{-22}x^2 + a^{-26}$
$KBSM(\overline{5_{50}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2$
$KBSM(5_{51}) = a^{-4}x - a^{-8}x + 3a^{-12}x + a^{-14}x - 2a^{-16}x - 2a^{-18}x + a^{-22}x$
$KBSM(\overline{5_{51}}) = -a^{24}x + 2a^{20}x + a^{18}x - 2a^{16}x - 2a^{14}x + a^{12}x + a^{10}x + a^4x$
$KBSM(5_{52}) = -a^{16}x + a^{12}x - a^8x + 2a^4x + a^2x - a^{-2}x$
$KBSM(\overline{5_{52}}) = a^4x - x - a^{-2}x + a^{-4}x + a^{-6}x + a^{-12}x - a^{-16}x$
$KBSM(5_{53}) = a^{-2}x^2 - 2a^{-6}x^2 + a^{-6} + a^{-10}x^2 - a^{-10} - a^{-14}x^2 - a^{-14} + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{5_{53}}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + 2a^{10}x^2 - a^{10} - 2a^6x^2 + a^6 - a^{-2}$
$KBSM(5_{54}) = a^{20}x - 2a^{16}x - a^{14}x + 2a^{12}x + a^{10}x - a^8x - a^6x + a^4x + a^2x$
$KBSM(\overline{5_{54}}) = -x + 2a^{-4}x + a^{-6}x - a^{-8}x - a^{-10}x + 2a^{-12}x + a^{-14}x - a^{-16}x - a^{-18}x$

$KBSM(5_{55}) = -a^{18}x^2 + 3a^{14}x^2 - a^{14} - 3a^{10}x^2 + 2a^{10} + a^6x^2 + a^6 - a^2x^2 - a^2 + a^{-2}$
$KBSM(\overline{5_{55}}) = a^2 - a^{-2}x^2 + 2a^{-6}x^2 - 4a^{-10}x^2 + 2a^{-10} + 2a^{-14}x^2 - a^{-14} - a^{-18} + a^{-22}$
$KBSM(5_{56}) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + 2a^6x^2 - 2a^2x^2 + a^{-2}x^2 - a^{-2} - 2a^{-6}$
$KBSM(\overline{5_{56}}) = -a^6 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + a^{-6}x^2 - 2a^{-10}x^2 + a^{-14}x^2$
$KBSM(5_{57}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-18}x^2 + a^{-18} + a^{-22}$
$KBSM(\overline{5_{57}}) = a^{22} - a^{18}x^2 + a^{18} + a^{14}x^2 - a^{10}x^2 + a^6x^2 - a^2x^2$
$KBSM(5_{58}) = -a^4x + 2x + a^{-2}x - a^{-4}x - a^{-6}x + a^{-8}x + a^{-10}x - a^{-14}x$
$KBSM(\overline{5_{58}}) = a^{16}x - a^{12}x - a^{10}x + a^8x + a^6x - a^4x - a^2x + x + a^{-2}x$
$KBSM(5_{59}) = a^2x^2 - 3a^{-2}x^2 + a^{-2} + 3a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^2 - 2a^{-18}$
$KBSM(\overline{5_{59}}) = -a^{18} + 2a^{14}x^2 - a^{14} - 3a^{10}x^2 + a^{10} + 3a^6x^2 - a^6 - 2a^2x^2 + a^{-2} - a^{-6}$
$KBSM(5_{60}) = a^8x - 2a^4x - a^2x + 3x + 2a^{-2}x - a^{-4}x - 2a^{-6}x + a^{-10}x$
$KBSM(\overline{5_{60}}) = -a^{12}x + 2a^8x + a^6x - 2a^4x - 2a^2x + 2x + 2a^{-2}x - a^{-6}x$
$KBSM(5_{61}) = a^2x^2 - 4a^{-2}x^2 + a^{-2} + 4a^{-6}x^2 - 2a^{-6} - 2a^{-10}x^2 + a^{-14}x^2 + a^{-14} - 2a^{-18}$
$KBSM(\overline{5_{61}}) = -a^{18} + 2a^{14}x^2 - a^{14} - 4a^{10}x^2 + a^{10} + 4a^6x^2 - 2a^6 - 2a^2x^2 + 2a^{-2} - a^{-6}$
$KBSM(5_{62}) = a^8x - 4a^4x - 2a^2x + 4x + 5a^{-2}x - a^{-4}x - 3a^{-6}x + 2a^{-10}x - a^{-14}x$
$KBSM(\overline{5_{62}}) = -a^{12}x + 3a^8x + 2a^6x - 4a^4x - 4a^2x + 2x + 4a^{-2}x - 2a^{-6}x + a^{-10}x$
$KBSM(5_{63}) = -a^6x^2 + 3a^2x^2 - a^2 - 4a^{-2}x^2 + 2a^{-2} + 2a^{-6}x^2 - a^{-10}x^2 - a^{-10} + 2a^{-14}$
$KBSM(\overline{5_{63}}) = a^{14} - 2a^{10}x^2 + a^{10} + 4a^6x^2 - a^6 - 4a^2x^2 + 2a^2 + a^{-2}x^2 - 2a^{-6} + a^{-10}$
$KBSM(5_{64}) = a^8x - 3a^4x - 2a^2x + 4x + 4a^{-2}x - a^{-4}x - 3a^{-6}x + 2a^{-10}x - a^{-14}x$
$KBSM(\overline{5_{64}}) = -a^{12}x + 3a^8x + 2a^6x - 3a^4x - 4a^2x + 2x + 3a^{-2}x - 2a^{-6}x + a^{-10}x$
$KBSM(5_{65}) = -a^6x^2 + 5a^2x^2 - 2a^2 - 6a^{-2}x^2 + 3a^{-2} + 3a^{-6}x^2 - a^{-6} - a^{-10}x^2 - 2a^{-10} - a^{-14}x^2 + 4a^{-14}$
$KBSM(\overline{5_{65}}) = a^{14} - 3a^{10}x^2 + a^{10} + 7a^6x^2 - 3a^6 - 5a^2x^2 + 3a^2 + a^{-2}x^2 + a^{-2} - 3a^{-6} - a^{-10}x^2 + 2a^{-10}$
$KBSM(5_{66}) = a^{10}x^2 - 2a^6x^2 + a^6 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + a^{-6}x^2 - 2a^{-10}$
$KBSM(\overline{5_{66}}) = -a^{10} + 2a^6x^2 - a^6 - 3a^2x^2 + a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-10} - a^{-14}$
$KBSM(\overline{5_{67}}) = a^{18}x^2 - a^{18} - a^{14}x^2 + a^{10}x^2 - a^{10} - a^2x^2 + a^2 - a^{-2}$
$KBSM(5_{68}) = -a^8x - a^6x + 2a^2x + x + a^{-6}x - a^{-10}x$
$KBSM(\overline{5_{68}}) = a^2x - a^{-2}x + a^{-6}x - a^{-10}x + a^{-14}x$
$KBSM(5_{69}) = a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6} - a^{-18}x^2 + 2a^{-18}$
$KBSM(\overline{5_{69}}) = -a^{14}x^2 + a^{14} + 2a^{10}x^2 - a^{10} + a^6 - a^2x^2 + a^2 - a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(5_{70}) = a^{12}x + a^{10}x - a^8x - 2a^6x + a^2x + x - a^{-2}x + a^{-6}x$
$KBSM(\overline{5_{70}}) = -a^{-2}x + a^{-4}x + 2a^{-6}x - a^{-10}x + a^{-14}x - a^{-18}x$
$KBSM(\overline{5_{71}}) = -a^6 + a^2x^2 - a^2 - a^{-2} - a^{-6}x^2 + a^{-6} - a^{-10}x^2 + a^{-14}x^2 - a^{-14} + a^{-18}$
$KBSM(\overline{5_{72}}) = a^{16}x + a^{14}x - 2a^{10}x - a^8x + x + a^{-2}x$
$KBSM(5_{73}) = a^6x^2 - a^2x^2 + a^2 - a^{-10}x^2 + a^{-10}$
$KBSM(\overline{5_{73}}) = a^2x^2 - a^2 - a^{-2}x^2 + a^{-2} + a^{-6} - a^{-14}x^2 + a^{-14}$
$KBSM(\overline{5_{74}}) = -a^{22} + a^{18}x^2 - a^6x^2 - a^2$
$KBSM(\overline{5_{75}}) = a^2 - a^{-6}x^2 + a^{-6} - a^{-10}x^2 + a^{-14}x^2 - a^{-14} + a^{-18}$
$KBSM(\overline{5_{76}}) = a^2x - a^{-2}x - a^{-4}x + a^{-6}x + a^{-8}x$
$KBSM(\overline{5_{77}}) = -a^{10} + a^6x^2 - a^2x^2 + a^{-2}x^2 - a^{-2} - a^{-6}x^2$
$KBSM(\overline{5_{78}}) = a^8x - a^{-2}x - a^{-4}x + a^{-6}x + a^{-8}x$
$KBSM(5_{79}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + a^{-18}x^2 - a^{-22} + a^{-26}$
$KBSM(\overline{5_{79}}) = -a^{22}x^2 + 2a^{18}x^2 - a^{14}x^2 + a^{14} + a^{10} - a^6x^2$
$KBSM(5_{80}) = a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^2 - a^{-6}$
$KBSM(\overline{5_{80}}) = a^2x^2 - a^{-2}x^2 - a^{-10}x^2 - a^{-10} + a^{-14}x^2 - a^{-14}$
$KBSM(5_{81}) = -a^{-14}x^2 - a^{-14} + 2a^{-18}x^2 - 2a^{-18} - a^{-22}x^2 + a^{-26}$
$KBSM(\overline{5_{81}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - a^{18} - a^{14} - a^6x^2 - a^2$
$KBSM(5_{82}) = -a^{-6}x^2 + 2a^{-10}x^2 - 2a^{-10} - a^{-14}x^2 + a^{-18} - a^{-22}$
$KBSM(\overline{5_{82}}) = a^{18}x^2 - 2a^{14}x^2 + a^{14} + 2a^{10}x^2 - 2a^{10} - a^6 - a^2x^2 + a^2 - a^{-2}$
$KBSM(5_{83}) = -a^4x - a^2x + 2x + 2a^{-2}x - a^{-6}x + a^{-10}x - a^{-14}x$
$KBSM(\overline{5_{83}}) = a^8x + a^6x - a^4x - 2a^2x + x + a^{-2}x - a^{-6}x + a^{-10}x$

$KBSM(5_{84}) = a^{-2}x^2 - 2a^{-6}x^2 + 2a^{-6} + a^{-10}x^2 - a^{-10} - a^{-14} - a^{-18}x^2 + 2a^{-18}$
$KBSM(\overline{5_{84}}) = -a^{14}x^2 + 3a^{10}x^2 - 2a^{10} - a^6x^2 + 2a^6 - a^2x^2 + 2a^2 - a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(\overline{5_{85}}) = a^{10}x^2 + a^6 - a^2x^2 + a^2 - a^{-2}x^2$
$KBSM(5_{86}) = a^{14} - a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-2} - a^{-6}$
$KBSM(\overline{5_{86}}) = -a^6 + a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 + a^{-14}$
$KBSM(5_{87}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18} + a^{-26}$
$KBSM(\overline{5_{87}}) = a^{26} + a^{18} - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2 + a^6$
$KBSM(\overline{5_{88}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2 + a^6$
$KBSM(5_{89}) = -a^{-6}x^2 + 2a^{-10}x^2 - 2a^{-10} - 2a^{-14}x^2 + a^{-18}x^2 - a^{-22} + a^{-26}$
$KBSM(\overline{5_{89}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + 2a^{10}x^2 - 2a^{10} - a^6x^2$
$KBSM(5_{90}) = -a^{-2} + a^{-6} - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}x^2 + a^{-22}x^2 - a^{-22}$
$KBSM(5_{91}) = -a^{-2} - a^{-10} - a^{-18}x^2 + a^{-18} + a^{-22}x^2 - a^{-22}$
$KBSM(\overline{5_{91}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{18} - a^{10} - a^2$
$KBSM(5_{92}) = a^{-4}x - 2a^{-8}x + 3a^{-12}x + a^{-14}x - a^{-16}x - a^{-18}x + a^{-20}x - a^{-24}x$
$KBSM(\overline{5_{92}}) = -a^{24}x + 2a^{20}x - 2a^{16}x - a^{14}x + 2a^{12}x + a^{10}x - a^8x + a^4x$
$KBSM(5_{93}) = -a^{-10}x^2 + a^{-10} + a^{-30}$
$KBSM(\overline{5_{93}}) = a^{30} - a^{10}x^2 + a^{10}$
$KBSM(5_{94}) = -a^{-6} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}x^2 + a^{-26}x^2 - a^{-26}$
$KBSM(5_{95}) = -a^{-6} - a^{-14}x^2 - a^{-14} + 2a^{-18}x^2 - a^{-18} - 2a^{-22}x^2 + a^{-22} + a^{-26}x^2$
$KBSM(\overline{5_{95}}) = a^{26}x^2 - 2a^{22}x^2 + a^{22} + 2a^{18}x^2 - a^{18} - a^{14}x^2 - a^{14} - a^6$

2.5 Knots in $L(5,1)$

$KBSM(0_1) = x$
$KBSM(1_1) = -a^{-2}x^2 + a^{-2} + a^{-6}$
$KBSM(\overline{1_1}) = a^6 - a^2x^2 + a^2$
$KBSM(2_1) = -a^{-2}x^2 + a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{2_1}) = -a^{10} + a^6x^2 - a^6 - a^2x^2$
$KBSM(*2_2) = -a^4x + x + a^{-1}x^2 - a^{-1} - a^{-5}$
$KBSM(\overline{2_3}) = -a^8x + a^3x^2 - a^3 + x - a^{-1}$
$KBSM(3_1) = a^{-4}x + a^{-5}x^2 - a^{-5} - a^{-9}x^2 + a^{-13}$
$KBSM(\overline{3_1}) = a^{12}x - a^8x - a^7x^2 + a^7 + a^3x^2 + x - a^{-1}$
$KBSM(3_2) = a^6x^2 - a^2x^2 - a^{-1}x$
$KBSM(\overline{3_2}) = a^2x^2 - a^2 - a^{-2}x^2 - a^{-5}x + a^{-6}$
$KBSM(3_3) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{3_3}) = a^{14} - a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2$
$KBSM(3_4) = -a^4x + 2x + a^{-1}x^2 - a^{-1} - a^{-5}x^2 + a^{-9}$
$KBSM(\overline{3_4}) = a^8x - a^4x - a^3x^2 + a^3 + x + a^{-1}x^2 - a^{-5}$
$KBSM(3_5) = a^2x^2 - 2a^{-2}x^2 + a^{-2} - a^{-5}x + a^{-6}x^2 - a^{-10}$
$KBSM(\overline{3_5}) = -a^{10} + 2a^6x^2 - a^6 - 2a^2x^2 + a^2 - a^{-1}x + a^{-2}$
$KBSM(3_6) = -a^{-9}x$
$KBSM(\overline{3_6}) = a^{10}x^2 - a^{10} - a^3x - a^2x^2 + a^2$
$KBSM(3_7) = -a^{-6}x^2 + a^{-6} + a^{-18}$
$KBSM(\overline{3_7}) = a^{18} - a^6x^2 + a^6$
$KBSM(3_8) = -a^{-2} - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(\overline{3_8}) = a^{14}x^2 - a^{14} - a^{10}x^2 - a^2$
$KBSM(4_1) = -a^{-6}x^2 + a^{-6} - a^{-9}x + a^{-10} + a^{-13}x$
$KBSM(\overline{4_1}) = -a^{14}x^2 + a^{14} + a^{10}x^2 + a^7x - a^3x - a^2x^2 + a^2$
$KBSM(4_2) = -a^8x - a^7x^2 + a^7 + a^3x^2 + x + a^{-5}$

$KBSM(4_3) = 2a^{-4}x + a^{-5}x^2 - a^{-5} - a^{-8}x - 2a^{-9}x^2 + a^{-9} + a^{-13}x^2 + a^{-13} - a^{-17}$
$KBSM(\overline{4_3}) = -a^{16}x + 2a^{12}x + a^{11}x^2 - a^{11} - a^8x - 2a^7x^2 + a^7 + a^3x^2 + a^3 + x - a^{-1}$
$KBSM(4_4) = a^2x^2 - 3a^{-2}x^2 + 2a^{-2} - a^{-5}x + a^{-6}x^2 + a^{-6} + a^{-9}x - a^{-10}$
$KBSM(\overline{4_4}) = -a^{10}x^2 + 2a^6x^2 + a^3x - 2a^2x^2 + a^2 - a^{-1}x + a^{-2}$
$KBSM(4_5) = -2a^4x - a^3x^2 + a^3 + 2x + 2a^{-1}x^2 - a^{-1} - a^{-5}x^2 + 2a^{-9}$
$KBSM(\overline{4_5}) = a^8x - 2a^4x - 2a^3x^2 + 2a^3 + x + 2a^{-1}x^2 - a^{-5} + a^{-9}$
$KBSM(4_6) = -a^{-6}x^2 + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{4_6}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2$
$KBSM(4_7) = a^{-4}x - a^{-8}x + 2a^{-12}x + a^{-13}x^2 - a^{-13} - a^{-16}x - a^{-17}x^2 + a^{-21}$
$KBSM(\overline{4_7}) = a^{20}x - 2a^{16}x - a^{15}x^2 + a^{15} + a^{12}x + a^{11}x^2 - a^7 + a^4x$
$KBSM(4_8) = -a^{16}x + a^{12}x - a^8x + a^4x + a^3x^2 - a^3 - a^{-1}$
$KBSM(\overline{4_8}) = -x + a^{-4}x + a^{-5}x^2 - a^{-5} - a^{-9} + a^{-12}x - a^{-16}x$
$KBSM(4_9) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2 + a^{-2}$
$KBSM(\overline{4_9}) = a^2 - a^{-2}x^2 + a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2$
$KBSM(4_{10}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{4_{10}}) = -a^{18} + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^2$
$KBSM(4_{11}) = -a^4x + 2x + a^{-1}x^2 - a^{-1} - a^{-4}x - a^{-5}x^2 + a^{-9}x^2 - a^{-13}$
$KBSM(\overline{4_{11}}) = -a^{12}x + a^8x + a^7x^2 - a^7 - a^4x - a^3x^2 + x + a^{-1}x^2 - a^{-5}$
$KBSM(4_{12}) = a^2x^2 - 3a^{-2}x^2 + a^{-2} - a^{-5}x + 2a^{-6}x^2 + a^{-9}x - a^{-10}x^2 + a^{-14}$
$KBSM(\overline{4_{12}}) = a^{14} - 2a^{10}x^2 + a^{10} + 3a^6x^2 - a^6 + a^3x - 2a^2x^2 - a^{-1}x + a^{-2}$
$KBSM(*4_{13}) = a^8x - 2a^4x - a^3x^2 + a^3 + 2x + 2a^{-1}x^2 - a^{-1} - a^{-5}x^2 - a^{-5} + a^{-9}$
$KBSM(*4_{14}) = a^8x - 3a^4x - 2a^3x^2 + 2a^3 + 2x + 3a^{-1}x^2 - a^{-1} - a^{-5}x^2 - a^{-5} + 2a^{-9}$
$KBSM(4_{15}) = -a^6x^2 + 2a^2x^2 - a^2 + a^{-1}x - 2a^{-2}x^2 - a^{-5}x + a^{-6}x^2 - a^{-10}$
$KBSM(\overline{4_{15}}) = -a^{10} + 2a^6x^2 - a^6 - 3a^2x^2 + a^2 - a^{-1}x + a^{-2}x^2 + a^{-5}x - a^{-6}$
$KBSM(4_{16}) = a^{-4}x + a^{-5}x^2 - a^{-5} - a^{-8}x - a^{-9}x^2 + a^{-13}x^2 - a^{-17}$
$KBSM(\overline{4_{16}}) = -a^{16}x + a^{12}x + a^{11}x^2 - a^{11} - a^8x - a^7x^2 + a^3x^2 + x - a^{-1}$
$KBSM(4_{17}) = a^6x^2 - 2a^2x^2 + a^2 - a^{-1}x + a^{-2} + a^{-5}x$
$KBSM(\overline{4_{17}}) = -a^6x^2 + a^6 + a^2x^2 + a^{-1}x - a^{-2}x^2 - a^{-5}x + a^{-6}$
$KBSM(4_{18}) = -x - a^{-1}x^2 + a^{-1} + a^{-4}x + 2a^{-5}x^2 - a^{-5} - a^{-9}x^2 + 2a^{-13}$
$KBSM(\overline{4_{18}}) = a^{12}x - 2a^8x - 2a^7x^2 + 2a^7 + 2a^3x^2 + x - a^{-1} + a^{-5}$
$KBSM(4_{19}) = -a^{10}x^2 + 2a^6x^2 - a^6 + a^3x - a^2x^2 - a^2 - a^{-1}x$
$KBSM(\overline{4_{19}}) = a^2x^2 - a^2 - 2a^{-2}x^2 - a^{-5}x + a^{-6}x^2 + a^{-9}x - a^{-10}$
$KBSM(4_{20}) = -a^{-6}x^2 - a^{-9}x + a^{-10}x^2 - a^{-10} + a^{-13}x - a^{-14}$
$KBSM(\overline{4_{20}}) = -a^{14}x^2 + 2a^{10}x^2 - 2a^{10} + a^7x - a^6 - a^3x - a^2x^2 + a^2$
$KBSM(*4_{21}) = -a^4x - a^3x^2 + a^3 + x + a^{-1}x^2 + a^{-9}$
$KBSM(\overline{4_{22}}) = -a^{16}x + a^7x^2 - a^7 + a^4x - a^3$
$KBSM(\overline{4_{23}}) = a^{-8}x + a^{-9}x^2 - a^{-9} + a^{-12}x - a^{-13}x^2 - a^{-16}x + a^{-17}$
$KBSM(\overline{4_{24}}) = -a^{11}x^2 + a^{11} - a^8x + a^7 + a^3x^2 + x$
$KBSM(4_{25}) = -a^6x^2 + a^6 + a^2x^2 - a^2 - a^{-2} - a^{-10}$
$KBSM(\overline{4_{25}}) = -a^{10} - a^2 + a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(4_{26}) = -a^6x^2 + a^6 + a^2x^2 - a^{-2}x^2 + a^{-2} + a^{-6} - a^{-10}$
$KBSM(\overline{4_{26}}) = -a^{10} + a^6 - a^2x^2 + a^2 + a^{-2}x^2 - a^{-6}x^2 + a^{-6}$
$KBSM(*4_{27}) = a^8x - 2a^4x + x + a^{-1}x^2 - a^{-1} - a^{-4}x - a^{-5} + a^{-8}x$
$KBSM(5_1) = a^{-8}x + a^{-9}x^2 - a^{-9} + a^{-12}x - a^{-13}x^2 - a^{-16}x + a^{-17}$
$KBSM(\overline{5_1}) = -a^{11}x^2 + a^{11} + a^7x^2 + a^4x - a^3$
$KBSM(5_2) = a^{-6} - 2a^{-10}x^2 + a^{-10} - a^{-13}x + a^{-14}x^2 + a^{-17}x$
$KBSM(\overline{5_2}) = -a^{18}x^2 + a^{18} + 2a^{14}x^2 - a^{14} + a^{11}x - a^{10}x^2 - a^7x - a^6x^2 + 2a^6$
$KBSM(5_3) = -a^{12}x - a^{11}x^2 + a^{11} + a^8x + 2a^7x^2 - a^7 + a^4x - a^3x^2 - a^3 + a^{-1}$
$KBSM(\overline{5_3}) = x - a^{-4}x - a^{-5}x^2 + a^{-5} + a^{-8}x + 2a^{-9}x^2 - a^{-9} + a^{-12}x - a^{-13}x^2 - a^{-13} - a^{-16}x + a^{-17}$
$KBSM(5_4) = a^{14}x^2 - a^{14} - a^6x^2 + a^6 - a^3x$

$KBSM(\overline{5_4}) = a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6} - a^{-9}x - a^{-10}x^2 + a^{-10} + a^{-14}x^2 - a^{-14}$

$KBSM(\overline{5_5}) = a^{15}x^2 - a^{15} - a^{11}x^2 - a^8x + a^3x^2 - a^3 + x$

$KBSM(5_6) = a^{10}x^2 - a^{10} + a^7x - a^3x - a^2x^2 + a^2 - a^{-5}x$

$KBSM(\overline{5_6}) = a^{-5}x - a^{-9}x - a^{-17}x$

$KBSM(5_7) = -2a^{-6}x^2 + a^{-6} - a^{-9}x + 2a^{-10}x^2 - a^{-10} + 2a^{-13}x - 2a^{-14} - a^{-17}x$

$KBSM(\overline{5_7}) = a^{18}x^2 - a^{18} - 2a^{14}x^2 - a^{11}x + 2a^{10}x^2 - a^{10} + 2a^7x - a^6 - a^3x - a^2x^2 + a^2$

$KBSM(5_8) = -x - a^{-1}x^2 + a^{-1} + a^{-4}x + 3a^{-5}x^2 - 2a^{-5} - a^{-9}x^2 - a^{-9} + a^{-13} - a^{-17}$

$KBSM(\overline{5_8}) = a^{12}x + a^{11}x^2 - a^{11} - 2a^8x - 2a^7x^2 + a^7 + 2a^3x^2 - a^3 + x - 2a^{-1} + a^{-5}$

$KBSM(5_9) = 2a^6x^2 - a^6 + a^3x - 2a^2x^2 - 2a^{-1}x + a^{-2} + a^{-5}x - a^{-9}x$

$KBSM(\overline{5_9}) = -a^6x^2 + a^6 + 2a^2x^2 - a^2 + 2a^{-1}x - a^{-2}x^2 - a^{-2} - 2a^{-5}x + a^{-6} - a^{-13}x$

$KBSM(5_{10}) = 2a^{-4}x + a^{-5}x^2 - a^{-5} - 2a^{-8}x - 2a^{-9}x^2 + a^{-9} + a^{-12}x + 2a^{-13}x^2 - a^{-17}x^2 - a^{-17} + a^{-21}$

$KBSM(\overline{5_{10}}) = a^{20}x - 2a^{16}x - a^{15}x^2 + a^{15} + 2a^{12}x + 2a^{11}x^2 - a^{11} - a^8x - 2a^7x^2 + a^3x^2 + a^3 + x - a^{-1}$

$KBSM(5_{11}) = a^2x^2 - 4a^{-2}x^2 + 2a^{-2} - a^{-5}x + 3a^{-6}x^2 + 2a^{-9}x - a^{-10}x^2 - a^{-10} - a^{-13}x + a^{-14}$

$KBSM(\overline{5_{11}}) = a^{14}x^2 - 3a^{10}x^2 + a^{10} - a^7x + 3a^6x^2 + 2a^3x - 2a^2x^2 - a^{-1}x + a^{-2}$

$KBSM(5_{12}) = -2x - a^{-1}x^2 + a^{-1} + 3a^{-4}x + 4a^{-5}x^2 - 3a^{-5} - a^{-8}x - 3a^{-9}x^2 + a^{-13}x^2 + 2a^{-13} - 2a^{-17}$

$KBSM(\overline{5_{12}}) = -a^{16}x + 3a^{12}x + 2a^{11}x^2 - 2a^{11} - 3a^8x - 4a^7x^2 + 2a^7 + 3a^3x^2 + x - 3a^{-1} + a^{-5}$

$KBSM(5_{13}) = -a^6x^2 + 3a^2x^2 - 2a^2 + a^{-1}x - 3a^{-2}x^2 - 2a^{-5}x + a^{-6}x^2 + a^{-6} + a^{-9}x - a^{-10}$

$KBSM(\overline{5_{13}}) = -a^{10}x^2 + 3a^6x^2 - a^6 + a^3x - 3a^2x^2 - 2a^{-1}x + a^{-2}x^2 + a^{-5}x - a^{-6}$

$KBSM(5_{14}) = -2a^4x - a^3x^2 + a^3 + 3x + 3a^{-1}x^2 - 2a^{-1} - a^{-4}x - 2a^{-5}x^2 + a^{-9}x^2 + a^{-9} - 2a^{-13}$

$KBSM(\overline{5_{14}}) = -a^{12}x + 2a^8x + 2a^7x^2 - 2a^7 - 2a^4x - 3a^3x^2 + a^3 + x + 2a^{-1}x^2 - 2a^{-5} + a^{-9}$

$KBSM(5_{15}) = -a^{10}x^2 + 4a^6x^2 - a^6 + 2a^3x - 4a^2x^2 + a^2 - 3a^{-1}x + a^{-2}x^2 + a^{-2} + a^{-5}x - a^{-6} - a^{-9}x$

$KBSM(\overline{5_{15}}) = -a^6x^2 + 4a^2x^2 - 2a^2 + 2a^{-1}x - 4a^{-2}x^2 + a^{-2} - 3a^{-5}x + a^{-6}x^2 + 2a^{-6} + a^{-9}x - a^{-10} - a^{-13}x$

$KBSM(5_{16}) = 2a^8x + a^7x^2 - a^7 - 3a^4x - 3a^3x^2 + 2a^3 + 2x + 3a^{-1}x^2 - a^{-1} - a^{-5}x^2 - 2a^{-5} + 2a^{-9}$

$KBSM(\overline{5_{16}}) = a^8x - 3a^4x - 2a^3x^2 + 2a^3 + 3x + 4a^{-1}x^2 - 2a^{-1} - 2a^{-5}x^2 - a^{-5} + 2a^{-9} - a^{-13}$

$KBSM(5_{17}) = a^{14}x^2 - 2a^{10}x^2 - a^7x + 3a^6x^2 - a^6 + a^3x - 2a^2x^2 - a^{-1}x + a^{-2}$

$KBSM(\overline{5_{17}}) = a^2x^2 - 3a^{-2}x^2 + a^{-2} - a^{-5}x + 3a^{-6}x^2 - a^{-6} + a^{-9}x - a^{-10}x^2 - a^{-10} - a^{-13}x + a^{-14}$

$KBSM(5_{18}) = -2a^{-6}x^2 + a^{-6} - a^{-9}x + 2a^{-10}x^2 + 2a^{-13}x - a^{-14}x^2 - a^{-17}x + a^{-18}$

$KBSM(\overline{5_{18}}) = a^{18}x^2 - 3a^{14}x^2 + 2a^{14} - a^{11}x + 2a^{10}x^2 + 2a^7x - a^6 - a^3x - a^2x^2 + a^2$

$KBSM(5_{19}) = -2a^4x - a^3x^2 + a^3 + 2x + 3a^{-1}x^2 - 2a^{-1} - a^{-5}x^2 - a^{-5} + a^{-9} - a^{-13}$

$KBSM(\overline{5_{19}}) = a^8x + a^7x^2 - a^7 - 2a^4x - 2a^3x^2 + a^3 + x + 2a^{-1}x^2 - a^{-1} - 2a^{-5} + a^{-9}$

$KBSM(5_{20}) = 2a^2x^2 - a^2 + a^{-1}x - 3a^{-2}x^2 + a^{-2} - 2a^{-5}x + a^{-6}x^2 + a^{-6} + a^{-9}x - a^{-10} - a^{-13}x$

$KBSM(\overline{5_{20}}) = -a^{10}x^2 + 3a^6x^2 - a^6 + 2a^3x - 2a^2x^2 - 2a^{-1}x + a^{-2} - a^{-9}x$

$KBSM(5_{21}) = 2a^{12}x + a^{11}x^2 - a^{11} - 2a^8x - 3a^7x^2 + 2a^7 + 2a^3x^2 + x - 2a^{-1} + a^{-5}$

$KBSM(\overline{5_{21}}) = -x - a^{-1}x^2 + a^{-1} + 2a^{-4}x + 3a^{-5}x^2 - 2a^{-5} - 2a^{-9}x^2 + 2a^{-13} - a^{-17}$

$KBSM(5_{22}) = -a^6x^2 + 2a^2x^2 - a^2 + a^{-1}x - 2a^{-2}x^2 + a^{-2} - a^{-5}x + 2a^{-6}$

$KBSM(\overline{5_{22}}) = a^6x^2 + a^6 - 3a^2x^2 + 2a^2 - a^{-1}x + a^{-2}x^2 + a^{-5}x - a^{-6}$

$KBSM(5_{23}) = -a^{12}x + a^8x + a^7x^2 - a^7 - a^3x^2 + x + a^{-1}$

$KBSM(\overline{5_{23}}) = 2x - a^{-4}x - a^{-5}x^2 + a^{-5} + a^{-9}x^2 - a^{-13}$

$KBSM(5_{24}) = a^{-6} - a^{-9}x - a^{-10}x^2 + a^{-10} + a^{-14}x^2 - a^{-14} - a^{-18}$

$KBSM(\overline{5_{24}}) = -a^{18} + a^{14}x^2 - a^{14} + a^6 - a^3x - a^2x^2 + a^2$

$KBSM(5_{25}) = -a^{-6}x^2 + 2a^{-10}x^2 - 4a^{-14}x^2 + 2a^{-14} - a^{-17}x + 3a^{-18}x^2 + a^{-21}x - a^{-22}x^2 - a^{-22} + a^{-26}$

$KBSM(\overline{5_{25}}) = a^{26} - 2a^{22}x^2 + 4a^{18}x^2 - a^{18} + a^{15}x - 3a^{14}x^2 + a^{14} - a^{11}x + a^{10}x^2 + a^{10} - a^6x^2$

$KBSM(5_{26}) = -x + 3a^{-4}x + a^{-5}x^2 - a^{-5} - 2a^{-8}x - 2a^{-9}x^2 + a^{-9} + 2a^{-12}x + 2a^{-13}x^2 - a^{-16}x - a^{-17}x^2 - a^{-17} + a^{-21}$

$KBSM(\overline{5_{26}}) = a^{20}x - 3a^{16}x - a^{15}x^2 + a^{15} + 3a^{12}x + 2a^{11}x^2 - a^{11} - a^8x - 2a^7x^2 + a^4x + a^3x^2 + a^3 - a^{-1}$

$KBSM(5_{27}) = -x + 3a^{-4}x + a^{-5}x^2 - a^{-5} - 2a^{-8}x - 2a^{-9}x^2 + a^{-9} + 2a^{-12}x + 2a^{-13}x^2 - a^{-16}x - a^{-17}x^2 - a^{-17} + a^{-21}$

$KBSM(\overline{5_{27}}) = a^{20}x - 3a^{16}x - a^{15}x^2 + a^{15} + 3a^{12}x + 2a^{11}x^2 - a^{11} - a^8x - 2a^7x^2 + a^4x + a^3x^2 + a^3 - a^{-1}$

$KBSM(5_{28}) = a^{14}x^2 - 2a^{10}x^2 + 3a^6x^2 - a^6 - 3a^2x^2 + a^2 - a^{-1}x + a^{-2}x^2 + a^{-2} - a^{-6}$

$KBSM(\overline{5_{28}}) = -a^6 + 2a^2x^2 - 3a^{-2}x^2 + a^{-2} - a^{-5}x + 2a^{-6}x^2 - 2a^{-10}x^2 + a^{-14}x^2$

$KBSM(5_{29}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 - a^{-10} + a^{-14}$
$KBSM(\overline{5_{29}}) = a^{14} - a^{10}x^2 - a^{10} + 2a^6x^2 - a^6 - 2a^2x^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$
$KBSM(5_{30}) = a^8x - a^4x + 2x - 2a^{-4}x - a^{-5}x^2 + a^{-5} + a^{-8}x + a^{-9}x^2 - a^{-13}$
$KBSM(\overline{5_{30}}) = -a^{12}x + 2a^8x + a^7x^2 - a^7 - a^4x - a^3x^2 + x + a^{-1} - a^{-4}x + a^{-8}x$
$KBSM(5_{31}) = a^8x - 2a^4x + 3x + a^{-1}x^2 - a^{-1} - 2a^{-4}x - 2a^{-5}x^2 + a^{-5} + a^{-8}x + a^{-9}x^2 + a^{-9} - a^{-13}$
$KBSM(\overline{5_{31}}) = -a^{12}x + 3a^8x + a^7x^2 - a^7 - 2a^4x - 2a^3x^2 + a^3 + x + a^{-1}x^2 + a^{-1} - a^{-4}x - a^{-5} + a^{-8}x$
$KBSM(5_{32}) = a^8x - 2a^4x + 2x + a^{-1}x^2 - a^{-1} - 2a^{-4}x - a^{-5}x^2 + a^{-8}x + a^{-9}x^2 - a^{-13}$
$KBSM(\overline{5_{32}}) = -a^{12}x + 2a^8x + a^7x^2 - a^7 - 2a^4x - a^3x^2 + x + a^{-1}x^2 - a^{-4}x - a^{-5} + a^{-8}x$
$KBSM(5_{33}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + a^{-2} + a^{-6}x^2 + a^{-6} - a^{-10}x^2 + a^{-14}$
$KBSM(\overline{5_{33}}) = a^{14} - a^{10}x^2 + a^6x^2 + a^6 - 2a^2x^2 + a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$
$KBSM(5_{34}) = -a^6x^2 + 3a^2x^2 - a^2 - 3a^{-2}x^2 + a^{-2} - a^{-5}x + 2a^{-6}x^2 - a^{-10}x^2 - a^{-10} + a^{-14}$
$KBSM(\overline{5_{34}}) = a^{14} - a^{10}x^2 - a^{10} + 3a^6x^2 - a^6 - 3a^2x^2 + a^2 - a^{-1}x + 2a^{-2}x^2 - a^{-6}x^2$
$KBSM(5_{35}) = -a^{-6}x^2 + 2a^{-10}x^2 - a^{-10} - 3a^{-14}x^2 - a^{-17}x + 3a^{-18}x^2 - a^{-18} + a^{-21}x - a^{-22}x^2 - a^{-22} + a^{-26}$
$KBSM(\overline{5_{35}}) = a^{26} - 2a^{22}x^2 + 4a^{18}x^2 - 2a^{18} + a^{15}x - 2a^{14}x^2 - a^{14} - a^{11}x + a^{10}x^2 - a^6x^2$
$KBSM(5_{36}) = -x + 2a^{-4}x + a^{-5}x^2 - a^{-5} - 2a^{-8}x - a^{-9}x^2 + 2a^{-12}x + 2a^{-13}x^2 - a^{-13} - a^{-16}x - a^{-17}x^2 - a^{-17} + a^{-21}$
$KBSM(\overline{5_{36}}) = a^{20}x - 3a^{16}x - a^{15}x^2 + a^{15} + 2a^{12}x + 2a^{11}x^2 - a^{11} - a^8x - a^7x^2 - a^7 + a^4x + a^3x^2 - a^{-1}$
$KBSM(5_{37}) = a^{14}x^2 - 2a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-6}$
$KBSM(\overline{5_{37}}) = -a^6 + a^2x^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^2$
$KBSM(5_{38}) = -a^{-2} + a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 - a^{-13}x + a^{-14}x^2 + a^{-17}x$
$KBSM(\overline{5_{38}}) = -a^{18}x^2 + a^{18} + 2a^{14}x^2 - a^{14} + a^{11}x - a^{10}x^2 - a^{10} - a^7x - a^2$
$KBSM(5_{39}) = -a^{12}x - a^{11}x^2 + a^{11} + a^8x + 2a^7x^2 - a^7 - a^3x^2 - a^3 + a^{-1}x^2 - a^{-5}$
$KBSM(\overline{5_{39}}) = -a^4x + x + a^{-1}x^2 - a^{-1} - a^{-4}x - a^{-5}x^2 + a^{-8}x + 2a^{-9}x^2 - a^{-9} + a^{-12}x - a^{-13}x^2 - a^{-13} - a^{-16}x + a^{-17}$
$KBSM(5_{40}) = a^{-8}x + a^{-9}x^2 - a^{-9} - a^{-13}x^2 + a^{-17}x^2 - a^{-21}x^2 + a^{-25}$
$KBSM(\overline{5_{40}}) = a^{24}x - a^{20}x - a^{19}x^2 + a^{19} + a^{15}x^2 - a^{11}x^2 + a^7x^2 + a^4x - a^3$
$KBSM(5_{41}) = a^{18} + a^{10}x^2 - a^{10} - a^6x^2 - a^3x$
$KBSM(\overline{5_{41}}) = a^{-2}x^2 - a^{-2} - a^{-6}x^2 - a^{-9}x + a^{-18}$
$KBSM(5_{42}) = a^{-4}x + a^{-5}x^2 - a^{-5} - a^{-8}x - a^{-9}x^2 + a^{-12}x + a^{-13}x^2 - a^{-17}x^2 + a^{-21}$
$KBSM(\overline{5_{42}}) = a^{20}x - a^{16}x - a^{15}x^2 + a^{15} + a^{12}x + a^{11}x^2 - a^8x - a^7x^2 + a^3x^2 + x - a^{-1}$
$KBSM(5_{43}) = a^6x^2 - 2a^2x^2 + a^2 - a^{-1}x + a^{-2}x^2 + a^{-5}x - a^{-6} - a^{-9}x$
$KBSM(\overline{5_{43}}) = a^{10}x^2 - a^{10} - a^6x^2 - a^3x + a^2x^2 + a^{-1}x - a^{-2}x^2 - a^{-5}x + a^{-6}$
$KBSM(5_{44}) = -x - a^{-1}x^2 + a^{-1} + 2a^{-4}x + 3a^{-5}x^2 - 2a^{-5} - a^{-8}x - 2a^{-9}x^2 + a^{-13}x^2 + a^{-13} - 2a^{-17}$
$KBSM(\overline{5_{44}}) = -a^{16}x + 2a^{12}x + 2a^{11}x^2 - 2a^{11} - 2a^8x - 3a^7x^2 + a^7 + 2a^3x^2 + x - 2a^{-1} + a^{-5}$
$KBSM(5_{45}) = -a^{10}x^2 + 3a^6x^2 - a^6 + a^3x - 3a^2x^2 + a^2 - 2a^{-1}x + 2a^{-2} + a^{-5}x$
$KBSM(\overline{5_{45}}) = -a^6x^2 + a^6 + 2a^2x^2 + a^{-1}x - 3a^{-2}x^2 + a^{-2} - 2a^{-5}x + a^{-6}x^2 + a^{-6} + a^{-9}x - a^{-10}$
$KBSM(5_{46}) = -x - a^{-1}x^2 + a^{-1} + 3a^{-4}x + 3a^{-5}x^2 - 2a^{-5} - a^{-8}x - 3a^{-9}x^2 + a^{-9} + a^{-13}x^2 + 2a^{-13} - 2a^{-17}$
$KBSM(\overline{5_{46}}) = -a^{16}x + 3a^{12}x + 2a^{11}x^2 - 2a^{11} - 2a^8x - 4a^7x^2 + 2a^7 + 2a^3x^2 + a^3 + x - 2a^{-1} + a^{-5}$
$KBSM(5_{47}) = -a^{10}x^2 + 4a^6x^2 - 2a^6 + 2a^3x - 3a^2x^2 - 3a^{-1}x + 2a^{-2} + a^{-5}x - a^{-9}x$
$KBSM(\overline{5_{47}}) = -a^6x^2 + a^6 + 3a^2x^2 - a^2 + 2a^{-1}x - 3a^{-2}x^2 - 3a^{-5}x + a^{-6}x^2 + a^{-6} + a^{-9}x - a^{-10} - a^{-13}x$
$KBSM(5_{48}) = a^4x + a^3x^2 - a^3 - x - 2a^{-1}x^2 + a^{-1} + a^{-4}x + 2a^{-5}x^2 - a^{-5} - a^{-9}x^2 - a^{-9} + 2a^{-13}$
$KBSM(\overline{5_{48}}) = a^{12}x - 2a^8x - 2a^7x^2 + 2a^7 + a^4x + 3a^3x^2 - a^3 + x - a^{-1}x^2 - a^{-1} + a^{-5} - a^{-9}$
$KBSM(5_{49}) = a^{14}x^2 - 2a^{10}x^2 + a^{10} - a^7x + 2a^6x^2 + a^3x - a^2x^2 - a^2 - a^{-1}x$
$KBSM(\overline{5_{49}}) = a^2x^2 - a^2 - 2a^{-2}x^2 - a^{-5}x + 2a^{-6}x^2 + a^{-9}x - a^{-10}x^2 - a^{-13}x + a^{-14}$
$KBSM(5_{50}) = -a^{-6}x^2 + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + 2a^{-18}x^2 - a^{-22}x^2 + a^{-26}$
$KBSM(\overline{5_{50}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2$
$KBSM(5_{51}) = a^{-4}x - a^{-8}x + 3a^{-12}x + a^{-13}x^2 - a^{-13} - 2a^{-16}x - 2a^{-17}x^2 + a^{-17} + a^{-21}x^2 + a^{-21} - a^{-25}$
$KBSM(\overline{5_{51}}) = -a^{24}x + 2a^{20}x + a^{19}x^2 - a^{19} - 2a^{16}x - 2a^{15}x^2 + a^{15} + a^{12}x + a^{11}x^2 + a^{11} - a^7 + a^4x$
$KBSM(5_{52}) = -a^{16}x + a^{12}x - a^8x + 2a^4x + a^3x^2 - a^3 - a^{-1}x^2 + a^{-5}$
$KBSM(\overline{5_{52}}) = a^4x - x - a^{-1}x^2 + a^{-1} + a^{-4}x + a^{-5}x^2 - a^{-9} + a^{-12}x - a^{-16}x$

$KBSM(5_{53}) = a^{-2}x^2 - 2a^{-6}x^2 + a^{-6} - a^{-9}x + a^{-10}x^2 - a^{-14}x^2 + a^{-18}x^2 - a^{-22}$

$KBSM(\overline{5_{53}}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + 2a^{10}x^2 - a^{10} - 2a^6x^2 + a^6 - a^3x + a^2$

$KBSM(5_{54}) = a^{20}x - 2a^{16}x - a^{15}x^2 + a^{15} + 2a^{12}x + a^{11}x^2 - a^8x - a^7x^2 + a^4x + a^3x^2 - a^{-1}$

$KBSM(\overline{5_{54}}) = -x + 2a^{-4}x + a^{-5}x^2 - a^{-5} - a^{-8}x - a^{-9}x^2 + 2a^{-12}x + a^{-13}x^2 - a^{-16}x - a^{-17}x^2 + a^{-21}$

$KBSM(5_{55}) = -a^{18}x^2 + 3a^{14}x^2 - a^{14} + a^{11}x - 3a^{10}x^2 + a^{10} - a^7x + a^6x^2 + a^6 - a^2x^2 + a^{-2}$

$KBSM(\overline{5_{55}}) = a^2 - a^{-2}x^2 + 2a^{-6}x^2 - 4a^{-10}x^2 + 2a^{-10} - a^{-13}x + 2a^{-14}x^2 + a^{-17}x - a^{-18}$

$KBSM(5_{56}) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + 2a^6x^2 - 2a^2x^2 - a^{-1}x + a^{-2}x^2 - a^{-6}$

$KBSM(\overline{5_{56}}) = -a^6 + 2a^2x^2 - a^2 - 2a^{-2}x^2 - a^{-5}x + a^{-6}x^2 + a^{-6} - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2$

$KBSM(5_{57}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-18}x^2 + a^{-18} + a^{-22}$

$KBSM(\overline{5_{57}}) = a^{22} - a^{18}x^2 + a^{18} + a^{14}x^2 - a^{10}x^2 + a^6x^2 - a^2x^2$

$KBSM(5_{58}) = -a^4x + 2x + a^{-1}x^2 - a^{-1} - a^{-4}x - a^{-5}x^2 + a^{-8}x + a^{-9}x^2 - a^{-13}x^2 + a^{-17}$

$KBSM(\overline{5_{58}}) = a^{16}x - a^{12}x - a^{11}x^2 + a^{11} + a^8x + a^7x^2 - a^4x - a^3x^2 + x + a^{-1}x^2 - a^{-5}$

$KBSM(5_{59}) = a^2x^2 - 3a^{-2}x^2 + a^{-2} - a^{-5}x + 3a^{-6}x^2 + a^{-9}x - 2a^{-10}x^2 - a^{-13}x + a^{-14}x^2 - a^{-18}$

$KBSM(\overline{5_{59}}) = -a^{18} + 2a^{14}x^2 - a^{14} - 3a^{10}x^2 + a^{10} - a^7x + 3a^6x^2 + a^3x - 2a^2x^2 - a^{-1}x + a^{-2}$

$KBSM(5_{60}) = a^8x - 2a^4x - a^3x^2 + a^3 + 3x + 2a^{-1}x^2 - a^{-1} - a^{-4}x - 2a^{-5}x^2 + a^{-9}x^2 + a^{-9} - a^{-13}$

$KBSM(\overline{5_{60}}) = -a^{12}x + 2a^8x + a^7x^2 - a^7 - 2a^4x - 2a^3x^2 + a^3 + 2x + 2a^{-1}x^2 - a^{-5}x^2 - a^{-5} + a^{-9}$

$KBSM(5_{61}) = a^2x^2 - 4a^{-2}x^2 + a^{-2} - a^{-5}x + 4a^{-6}x^2 - a^{-6} + 2a^{-9}x - 2a^{-10}x^2 - a^{-10} - a^{-13}x + a^{-14}x^2 - a^{-18}$

$KBSM(\overline{5_{61}}) = -a^{18} + 2a^{14}x^2 - a^{14} - 4a^{10}x^2 + a^{10} - a^7x + 4a^6x^2 - a^6 + 2a^3x - 2a^2x^2 - a^2 - a^{-1}x + a^{-2}$

$KBSM(5_{62}) = a^8x - 4a^4x - 2a^3x^2 + 2a^3 + 4x + 5a^{-1}x^2 - 3a^{-1} - a^{-4}x - 3a^{-5}x^2 - a^{-5} + a^{-9}x^2 + 2a^{-9} - 2a^{-13}$

$KBSM(\overline{5_{62}}) = -a^{12}x + 3a^8x + 2a^7x^2 - 2a^7 - 4a^4x - 4a^3x^2 + 2a^3 + 2x + 4a^{-1}x^2 - a^{-1} - a^{-5}x^2 - 3a^{-5} + 2a^{-9}$

$KBSM(5_{63}) = -a^6x^2 + 3a^2x^2 - a^2 + a^{-1}x - 4a^{-2}x^2 + a^{-2} - 2a^{-5}x + 2a^{-6}x^2 + a^{-6} + a^{-9}x - a^{-10}x^2 + a^{-14}$

$KBSM(\overline{5_{63}}) = a^{14} - 2a^{10}x^2 + a^{10} + 4a^6x^2 - a^6 + a^3x - 4a^2x^2 + a^2 - 2a^{-1}x + a^{-2}x^2 + a^{-2} + a^{-5}x - a^{-6}$

$KBSM(5_{64}) = a^8x - 3a^4x - 2a^3x^2 + 2a^3 + 4x + 4a^{-1}x^2 - 2a^{-1} - a^{-4}x - 3a^{-5}x^2 + a^{-9}x^2 + 2a^{-9} - 2a^{-13}$

$KBSM(\overline{5_{64}}) = -a^{12}x + 3a^8x + 2a^7x^2 - 2a^7 - 3a^4x - 4a^3x^2 + 2a^3 + 2x + 3a^{-1}x^2 - a^{-5}x^2 - 2a^{-5} + 2a^{-9}$

$KBSM(5_{65}) = -a^6x^2 + 5a^2x^2 - 2a^2 + 2a^{-1}x - 6a^{-2}x^2 + a^{-2} - 4a^{-5}x + 3a^{-6}x^2 + a^{-6} + 2a^{-9}x - a^{-10}x^2 - a^{-10} - a^{-13}x + a^{-14}$

$KBSM(\overline{5_{65}}) = a^{14} - 3a^{10}x^2 + a^{10} + 7a^6x^2 - 3a^6 + 3a^3x - 5a^2x^2 - 4a^{-1}x + a^{-2}x^2 + 2a^{-2} + a^{-5}x - a^{-6} - a^{-9}x$

$KBSM(5_{66}) = a^{10}x^2 - 2a^6x^2 + a^6 - a^3x + 2a^2x^2 + a^{-1}x - 2a^{-2}x^2 - a^{-5}x + a^{-6}x^2 - a^{-10}$

$KBSM(\overline{5_{66}}) = -a^{10} + 2a^6x^2 - a^6 - 3a^2x^2 + a^2 - a^{-1}x + 2a^{-2}x^2 + a^{-5}x - a^{-6}x^2 - a^{-9}x + a^{-10}$

$KBSM(5_{67}) = -a^{-6}x^2 + a^{-6} - a^{-9}x + a^{-10}x^2 + a^{-13}x - a^{-14} - a^{-17}x$

$KBSM(\overline{5_{67}}) = a^{18}x^2 - a^{18} - a^{14}x^2 - a^{11}x + a^{10}x^2 + a^7x - a^3x - a^2x^2 + a^2$

$KBSM(5_{68}) = -a^8x - a^7x^2 + a^7 + 2a^3x^2 - a^3 + x - a^{-1} - a^{-9}$

$KBSM(5_{69}) = a^{-2}x^2 - a^{-2} + a^{-5}x - a^{-6}x^2 - 2a^{-9}x + a^{-10} + a^{-13}x - a^{-17}x$

$KBSM(\overline{5_{69}}) = -a^{14}x^2 + a^{14} + 2a^{10}x^2 - a^{10} + 2a^7x - a^6 - 2a^3x - a^2x^2 + a^2 - a^{-5}x$

$KBSM(5_{70}) = a^{12}x + a^{11}x^2 - a^{11} - a^8x - 2a^7x^2 + a^7 + a^3x^2 + x - a^{-1} + a^{-5}$

$KBSM(\overline{5_{70}}) = -a^{-1}x^2 + a^{-1} + a^{-4}x + 2a^{-5}x^2 - a^{-5} - a^{-9}x^2 + a^{-13} - a^{-17}$

$KBSM(5_{71}) = a^7x - a^3x - a^2x^2 + a^{-2}x^2 - a^{-2} - a^{-6}$

$KBSM(\overline{5_{71}}) = -a^6 + a^2x^2 - a^2 - a^{-2} - a^{-6}x^2 + a^{-6} - a^{-9}x - a^{-10}x^2 + a^{-10} + a^{-13}x + a^{-14}x^2 - a^{-14}$

$KBSM(5_{72}) = a^{-8}x + a^{-9}x^2 - a^{-9} - a^{-13}x^2 + a^{-13} + a^{-17} - a^{-21}$

$KBSM(\overline{5_{72}}) = a^{16}x + a^{15}x^2 - a^{15} - 2a^{11}x^2 + a^{11} - a^8x + a^7 + a^3x^2 - a^3 + x$

$KBSM(5_{73}) = a^6x^2 + a^3x - a^2x^2 - a^{-1}x - a^{-9}x$

$KBSM(\overline{5_{73}}) = a^2x^2 - a^2 + a^{-1}x - a^{-2}x^2 - a^{-5}x + a^{-6} - a^{-13}x$

$KBSM(\overline{5_{74}}) = -a^{22} + a^{18}x^2 - a^7x - a^6x^2 + a^6$

$KBSM(\overline{5_{75}}) = a^2 - a^{-6}x^2 + a^{-6} - a^{-9}x - a^{-10}x^2 + a^{-10} + a^{-13}x + a^{-14}x^2 - a^{-14}$

$KBSM(\overline{5_{76}}) = a^3x^2 - a^3 - a^{-1}x^2 - a^{-4}x + a^{-5}x^2 + a^{-8}x - a^{-9}$

$KBSM(5_{77}) = -a^6x^2 + a^6 + 2a^2x^2 - a^2 - a^{-2}x^2 - a^{-5}x + a^{-6} - a^{-10}$

$KBSM(\overline{5_{77}}) = -a^{10} + a^6x^2 - a^2x^2 - a^{-1}x + a^{-2}x^2 - a^{-6}x^2 + a^{-6}$

$KBSM(\overline{5_{78}}) = a^8x - a^{-1}x^2 + a^{-1} - a^{-4}x + a^{-5}x^2 + a^{-8}x - a^{-9}$

$KBSM(5_{79}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} - a^{-17}x + a^{-18}x^2 + a^{-18} + a^{-21}x - a^{-22}$

$KBSM(\overline{5_{79}}) = -a^{22}x^2 + 2a^{18}x^2 + a^{15}x - a^{14}x^2 - a^{11}x + a^{10} - a^6x^2 + a^6$

$KBSM(5_{80}) = a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^2 - a^{-1}x + a^{-2}$
$KBSM(\overline{5_{80}}) = a^2x^2 - a^{-2}x^2 - a^{-5}x + a^{-6} - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(5_{81}) = -a^{-13}x - a^{-14}x^2 + 2a^{-18}x^2 - a^{-18} - a^{-22}x^2 + a^{-26}$
$KBSM(\overline{5_{81}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - a^{18} - a^{14} - a^7x - a^6x^2 + a^6$
$KBSM(5_{82}) = -a^{-6}x^2 - a^{-9}x + 2a^{-10}x^2 - a^{-10} + a^{-13}x - a^{-14}x^2 - a^{-17}x + a^{-18}$
$KBSM(\overline{5_{82}}) = a^{18}x^2 - 2a^{14}x^2 + a^{14} - a^{11}x + 2a^{10}x^2 - a^{10} + a^7x - a^6 - a^3x - a^2x^2 + a^2$
$KBSM(5_{83}) = -a^4x - a^3x^2 + a^3 + 2x + 2a^{-1}x^2 - a^{-1} - a^{-5}x^2 + a^{-9} - a^{-13}$
$KBSM(\overline{5_{83}}) = a^8x + a^7x^2 - a^7 - a^4x - 2a^3x^2 + a^3 + x + a^{-1}x^2 - a^{-5} + a^{-9}$
$KBSM(5_{84}) = a^{-2}x^2 + a^{-5}x - 2a^{-6}x^2 + a^{-6} - 2a^{-9}x + a^{-10}x^2 + a^{-13}x - a^{-14} - a^{-17}x$
$KBSM(\overline{5_{84}}) = -a^{14}x^2 + 3a^{10}x^2 - 2a^{10} + 2a^7x - a^6x^2 - 2a^3x - a^2x^2 + 2a^2 - a^{-5}x$
$KBSM(\overline{5_{85}}) = a^{11}x + a^{10}x^2 - a^{10} - a^3x - a^2x^2 + a^2 - a^{-1}x$
$KBSM(5_{86}) = a^{14} - a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-2} - a^{-6}$
$KBSM(\overline{5_{86}}) = -a^6 + a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 + a^{-14}$
$KBSM(5_{87}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18} + a^{-26}$
$KBSM(\overline{5_{87}}) = a^{26} + a^{18} - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2 + a^6$
$KBSM(5_{88}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + a^{-18}x^2 - a^{-22} + a^{-26}$
$KBSM(\overline{5_{88}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2 + a^6$
$KBSM(5_{89}) = -a^{-6}x^2 + 2a^{-10}x^2 - 2a^{-10} - 2a^{-14}x^2 + a^{-18}x^2 - a^{-22} + a^{-26}$
$KBSM(\overline{5_{89}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + 2a^{10}x^2 - 2a^{10} - a^6x^2$
$KBSM(5_{90}) = -a^{-2} + a^{-6} - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}x^2 + a^{-22}x^2 - a^{-22}$
$KBSM(\overline{5_{90}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6 - a^2$
$KBSM(5_{91}) = -a^{-2} - a^{-10} - a^{-18}x^2 + a^{-18} + a^{-22}x^2 - a^{-22}$
$KBSM(\overline{5_{91}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{18} - a^{10} - a^2$
$KBSM(5_{92}) = a^{-4}x - 2a^{-8}x + 3a^{-12}x + a^{-13}x^2 - a^{-13} - a^{-16}x - a^{-17}x^2 + a^{-20}x + a^{-21} - a^{-24}x$
$KBSM(\overline{5_{92}}) = -a^{24}x + 2a^{20}x - 2a^{16}x - a^{15}x^2 + a^{15} + 2a^{12}x + a^{11}x^2 - a^8x - a^7 + a^4x$
$KBSM(5_{93}) = -a^{-10}x^2 + a^{-10} + a^{-30}$
$KBSM(\overline{5_{93}}) = a^{30} - a^{10}x^2 + a^{10}$
$KBSM(5_{94}) = -a^{-6} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}x^2 + a^{-26}x^2 - a^{-26}$
$KBSM(\overline{5_{94}}) = a^{26}x^2 - a^{26} - a^{22}x^2 + a^{18}x^2 - a^{14}x^2 - a^6$
$KBSM(5_{95}) = -a^{-6} - a^{-14}x^2 - a^{-14} + 2a^{-18}x^2 - a^{-18} - 2a^{-22}x^2 + a^{-22} + a^{-26}x^2$
$KBSM(\overline{5_{95}}) = a^{26}x^2 - 2a^{22}x^2 + a^{22} + 2a^{18}x^2 - a^{18} - a^{14}x^2 - a^{14} - a^6$

2.6 Knots in $L(5, 2)$

$KBSM(0_1) = x$
$KBSM(1_1) = -a^{-2}x^2 + a^{-2} + a^{-6}$
$KBSM(\overline{1_1}) = a^6 - a^2x^2 + a^2$
$KBSM(2_1) = -a^{-2}x^2 + a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{2_1}) = -a^{10} + a^6x^2 - a^6 - a^2x^2$
$KBSM(*2_2) = -a^4x + x - a^{-4}x^2 + a^{-4} + a^{-8}$
$KBSM(\overline{2_3}) = -a^8x - x^2 + x + 1 + a^{-4}$
$KBSM(3_1) = a^{-4}x - a^{-8}x^2 + a^{-8} + a^{-12}x^2 - a^{-16}$
$KBSM(\overline{3_1}) = a^{12}x - a^8x + a^4x^2 - a^4 - x^2 + x + a^{-4}$
$KBSM(3_2) = a^6x^2 - a^2x^2 + a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6}x + a^{-10}$
$KBSM(\overline{3_2}) = a^2x^2 - a^2 - a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-10}x + a^{-14}$
$KBSM(3_3) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{3_3}) = a^{14} - a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2$
$KBSM(3_4) = -a^4x + 2x - a^{-4}x^2 + a^{-4} + a^{-8}x^2 - a^{-12}$
$KBSM(\overline{3_4}) = a^8x - a^4x + x^2 + x - 1 - a^{-4}x^2 + a^{-8}$

$KBSM(3_5) = a^2x^2 - 2a^{-2}x^2 + a^{-2} + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 + a^{-10}x - a^{-10} + a^{-14}$
$KBSM(\overline{3_5}) = -a^{10} + 2a^6x^2 - a^6 - 2a^2x^2 + a^2 + a^{-2}x^2 - a^{-6}x^2 + a^{-6}x + a^{-10}$
$KBSM(3_6) = a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-14}x + a^{-18}$
$KBSM(\overline{3_6}) = a^{10}x^2 - a^{10} - a^{-2}x^2 + a^{-2}x + a^{-6}$
$KBSM(3_7) = -a^{-6}x^2 + a^{-6} + a^{-18}$
$KBSM(\overline{3_7}) = a^{18} - a^6x^2 + a^6$
$KBSM(3_8) = -a^{-2} - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(\overline{3_8}) = a^{14}x^2 - a^{14} - a^{10}x^2 - a^2$
$KBSM(4_1) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14}x + a^{-14} + a^{-18}x^2 - a^{-18}x + a^{-18} - a^{-22}$
$KBSM(\overline{4_1}) = -a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2 + a^6 + a^2x^2 - a^2x - a^{-2}x^2 + a^{-2}x - a^{-2} + a^{-6}$
$KBSM(4_2) = -a^8x + a^4x^2 - a^4 - x^2 + x + a^{-4}x^2 - a^{-4}x - a^{-8}x^2 + a^{-8}x - a^{-8}$
$KBSM(\overline{4_2}) = a^{-4}x^2 - a^{-4} - a^{-8}x^2 + a^{-12}x^2 - a^{-12}x - a^{-16}x^2 + a^{-16}x - a^{-16}$
$KBSM(4_3) = 2a^{-4}x - a^{-8}x^2 - a^{-8}x + a^{-8} + 2a^{-12}x^2 - a^{-12} - a^{-16}x^2 - a^{-16} + a^{-20}$
$KBSM(\overline{4_3}) = -a^{16}x + 2a^{12}x - a^8x^2 - a^8x + a^8 + 2a^4x^2 - a^4 - x^2 + x - 1 + a^{-4}$
$KBSM(4_4) = a^2x^2 - 3a^{-2}x^2 + 2a^{-2} + 2a^{-6}x^2 - 2a^{-10}x^2 + a^{-10}x + a^{-14}x^2 - a^{-14}x + a^{-14} - a^{-18}$
$KBSM(\overline{4_4}) = -a^{10}x^2 + 2a^6x^2 - 3a^2x^2 + 2a^2 + 2a^{-2}x^2 - a^{-2}x - a^{-6}x^2 + a^{-6}x - a^{-6} + a^{-10}$
$KBSM(4_5) = -2a^4x + x^2 + 2x - 1 - 2a^{-4}x^2 + a^{-4} + 2a^{-8}x^2 - a^{-8}x - a^{-12}x^2 + a^{-12}x - 2a^{-12}$
$KBSM(\overline{4_5}) = a^8x - 2a^4x + 2x^2 + x - 2 - 2a^{-4}x^2 + a^{-8}x^2 - a^{-8}x + a^{-8} - a^{-12}x^2 + a^{-12}x - a^{-12}$
$KBSM(4_6) = -a^{-6}x^2 + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{4_6}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2$
$KBSM(4_7) = a^{-4}x - a^{-8}x + 2a^{-12}x - a^{-16}x^2 - a^{-16}x + a^{-16} + a^{-20}x^2 - a^{-24}$
$KBSM(\overline{4_7}) = a^{20}x - 2a^{16}x + a^{12}x^2 + a^{12}x - a^{12} - a^8x^2 + a^4x + a^4$
$KBSM(4_8) = -a^{16}x + a^{12}x - a^8x + a^4x - x^2 + 1 + a^{-4}$
$KBSM(\overline{4_8}) = -x + a^{-4}x - a^{-8}x^2 + a^{-8} + a^{-12}x + a^{-12} - a^{-16}x$
$KBSM(4_9) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2 + a^{-2}$
$KBSM(\overline{4_9}) = a^2 - a^{-2}x^2 + a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2$
$KBSM(4_{10}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{4_{10}}) = -a^{18} + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^2$
$KBSM(4_{11}) = -a^4x + 2x - a^{-4}x^2 - a^{-4}x + a^{-4} + a^{-8}x^2 - a^{-12}x^2 + a^{-16}$
$KBSM(\overline{4_{11}}) = -a^{12}x + a^8x - a^4x^2 - a^4x + a^4 + x^2 + x - a^{-4}x^2 + a^{-8}$
$KBSM(4_{12}) = a^2x^2 - 3a^{-2}x^2 + a^{-2} + 3a^{-6}x^2 - a^{-6} - 3a^{-10}x^2 + a^{-10}x + a^{-10} + a^{-14}x^2 - a^{-14}x + 2a^{-14} - a^{-18}$
$KBSM(\overline{4_{12}}) = a^{14} - 2a^{10}x^2 + a^{10} + 3a^6x^2 - a^6 - 3a^2x^2 + a^2 + 2a^{-2}x^2 - a^{-2}x - a^{-6}x^2 + a^{-6}x - a^{-6} + a^{-10}$
$KBSM(*4_{13}) = a^8x - 2a^4x + x^2 + 2x - 1 - 2a^{-4}x^2 + a^{-4} + a^{-8}x^2 + a^{-8} - a^{-12}$
$KBSM(*4_{14}) = a^8x - 3a^4x + 2x^2 + 2x - 2 - 3a^{-4}x^2 + a^{-4} + 2a^{-8}x^2 - a^{-8}x + a^{-8} - a^{-12}x^2 + a^{-12}x - 2a^{-12}$
$KBSM(4_{15}) = -a^6x^2 + 2a^2x^2 - a^2 - 3a^{-2}x^2 + a^{-2} + 3a^{-6}x^2 - a^{-6}x - a^{-6} - a^{-10}x^2 + a^{-10}x - 2a^{-10} + a^{-14}$
$KBSM(\overline{4_{15}}) = -a^{10} + 2a^6x^2 - a^6 - 3a^2x^2 + a^2 + 2a^{-2}x^2 - a^{-2} - 2a^{-6}x^2 + a^{-6}x + a^{-10}x^2 - a^{-10}x + a^{-10} - a^{-14}$
$KBSM(4_{16}) = a^{-4}x - a^{-8}x^2 - a^{-8}x + a^{-8} + a^{-12}x^2 - a^{-16}x^2 + a^{-20}$
$KBSM(\overline{4_{16}}) = -a^{16}x + a^{12}x - a^8x^2 - a^8x + a^8 + a^4x^2 - x^2 + x + a^{-4}$
$KBSM(4_{17}) = a^6x^2 - 2a^2x^2 + a^2 + a^{-2}x^2 - 2a^{-6}x^2 + a^{-6}x + a^{-6} + a^{-10}x^2 - a^{-10}x + a^{-10} - a^{-14}$
$KBSM(\overline{4_{17}}) = -a^6x^2 + a^6 + a^2x^2 - 2a^{-2}x^2 + a^{-2} + 2a^{-6}x^2 - a^{-6}x - a^{-10}x^2 + a^{-10}x - a^{-10} + a^{-14}$
$KBSM(4_{18}) = -x + a^{-4}x^2 + a^{-4}x - a^{-4} - 2a^{-8}x^2 + a^{-8} + 2a^{-12}x^2 - a^{-12}x - a^{-16}x^2 + a^{-16}x - 2a^{-16}$
$KBSM(\overline{4_{18}}) = a^{12}x - 2a^8x + 2a^4x^2 - 2a^4 - 2x^2 + x + a^{-4}x^2 - a^{-4}x + a^{-4} - a^{-8}x^2 + a^{-8}x - a^{-8}$
$KBSM(4_{19}) = -a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + 2a^{-2}x^2 - a^{-2}x - a^{-2} - a^{-6}x^2 + a^{-6}x - a^{-6} + a^{-10}$
$KBSM(\overline{4_{19}}) = a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-10}x + a^{-14}x^2 - a^{-14}x + a^{-14} - a^{-18}$
$KBSM(4_{20}) = -a^{-6}x^2 + 2a^{-10}x^2 - 2a^{-10} - 2a^{-14}x^2 + a^{-14}x + a^{-18}x^2 - a^{-18}x + a^{-18} - a^{-22}$
$KBSM(\overline{4_{20}}) = -a^{14}x^2 + 2a^{10}x^2 - 2a^{10} - a^6x^2 + a^2x^2 - a^2x - a^{-2}x^2 + a^{-2}x - a^{-2} + a^{-6}$
$KBSM(*4_{21}) = -a^4x + x^2 + x - 1 - a^{-4}x^2 + a^{-8}x^2 - a^{-8}x - a^{-12}x^2 + a^{-12}x - a^{-12}$
$KBSM(4_{22}) = -a^{-12}x^2 + a^{-12}x + a^{-12} - a^{-16}x + a^{-16}$
$KBSM(\overline{4_{22}}) = -a^{16}x - a^4x^2 + a^4x + a^4 + 1$
$KBSM(\overline{4_{23}}) = a^{-8}x - a^{-12}x^2 + a^{-12}x + a^{-12} + a^{-16}x^2 - a^{-16}x - a^{-20}$

$KBSM(4_{24}) = a^{-16}x^2 - a^{-16}x - a^{-16} - a^{-20}x^2 + a^{-20}x - a^{-20}$
$KBSM(\overline{4_{24}}) = a^8x^2 - a^8x - a^8 - a^4 - a^{-4}x^2 + a^{-4}x$
$KBSM(4_{25}) = -a^6x^2 + a^6 + a^2x^2 - a^2 - a^{-2} - a^{-10}$
$KBSM(\overline{4_{25}}) = -a^{10} - a^2 + a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(4_{26}) = -a^6x^2 + a^6 + a^2x^2 - a^{-2}x^2 + a^{-2} + a^{-6} - a^{-10}$
$KBSM(\overline{4_{26}}) = -a^{10} + a^6 - a^2x^2 + a^2 + a^{-2}x^2 - a^{-6}x^2 + a^{-6}$
$KBSM(*4_{27}) = a^8x - 2a^4x + x - a^{-4}x^2 - a^{-4}x + a^{-4} + a^{-8}x + a^{-8}$
$KBSM(5_1) = a^{-8}x - a^{-12}x^2 + a^{-12}x + a^{-12} + a^{-16}x^2 - a^{-16}x - a^{-20}$
$KBSM(\overline{5_1}) = a^8x^2 - a^8 - a^4x^2 + a^4x + 1$
$KBSM(5_2) = a^{-6} - 2a^{-10}x^2 + a^{-10} + 2a^{-14}x^2 - a^{-14} - 2a^{-18}x^2 + a^{-18}x + a^{-18} + a^{-22}x^2 - a^{-22}x + a^{-22} - a^{-26}$
$KBSM(\overline{5_2}) = -a^{18}x^2 + a^{18} + 2a^{14}x^2 - a^{14} - 2a^{10}x^2 + a^{10} + a^6x^2 - a^6x + a^6 - a^2x^2 + a^2x - a^2 + a^{-2}$
$KBSM(5_3) = -a^{12}x + a^8x^2 + a^8x - a^8 - 2a^4x^2 + a^4x + a^4 + x^2 + 1 - a^{-4}$
$KBSM(\overline{5_3}) = x - a^{-4}x + a^{-8}x^2 + a^{-8}x - a^{-8} - 2a^{-12}x^2 + a^{-12}x + a^{-12} + a^{-16}x^2 - a^{-16}x + a^{-16} - a^{-20}$
$KBSM(5_4) = a^{14}x^2 - a^{14} - a^6x^2 + a^6 + a^2x^2 - a^2 - a^{-2}x^2 + a^{-2}x + a^{-6}$
$KBSM(\overline{5_4}) = a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6} + a^{-14}x - a^{-14} + a^{-18}$
$KBSM(5_5) = -a^{-12}x^2 + a^{-12} + a^{-16}x^2 - a^{-16}x - 2a^{-20}x^2 + 2a^{-20}x + a^{-24}x^2 - a^{-24}x + a^{-24}$
$KBSM(\overline{5_5}) = -a^{12}x^2 + a^{12} + a^8x^2 - a^8x - a^4x^2 + a^4x + x^2 - x + 1 - a^{-4}x^2 + a^{-4}x$
$KBSM(5_6) = a^{10}x^2 - a^{10} - a^6x^2 + a^6 + a^2x^2 - a^2x - a^{-2}x^2 + a^{-2}x - a^{-2} + a^{-6}x^2 - a^{-6}x + a^{-6} - a^{-10}x^2 + a^{-10}x + a^{-14}x$
$KBSM(\overline{5_6}) = -a^{-6}x^2 + a^{-6} + 2a^{-10}x^2 - a^{-10}x - a^{-10} - a^{-14}x^2 + a^{-14}x - a^{-14} + a^{-18}x^2 - a^{-18}x + a^{-18} - a^{-22}x^2 + a^{-22}x + a^{-26}x$
$KBSM(5_7) = -2a^{-6}x^2 + a^{-6} + 3a^{-10}x^2 - 2a^{-10} - 3a^{-14}x^2 + a^{-14}x + 3a^{-18}x^2 - 2a^{-18}x - a^{-22}x^2 + a^{-22}x - 2a^{-22} + a^{-26}$
$KBSM(\overline{5_7}) = a^{18}x^2 - a^{18} - 2a^{14}x^2 + 3a^{10}x^2 - 2a^{10} - 3a^6x^2 + a^6x + a^6 + 2a^2x^2 - 2a^2x + a^2 - a^{-2}x^2 + a^{-2}x - 2a^{-2} + a^{-6}$
$KBSM(5_8) = -x + a^{-4}x^2 + a^{-4}x - a^{-4} - 3a^{-8}x^2 + 2a^{-8} + 2a^{-12}x^2 - a^{-12}x + a^{-12} - 2a^{-16}x^2 + 2a^{-16}x - a^{-16} + a^{-20}x^2 - a^{-20}x + a^{-20}$
$KBSM(\overline{5_8}) = a^{12}x - a^8x^2 - 2a^8x + a^8 + 2a^4x^2 - a^4 - 3x^2 + 2x + 1 + 2a^{-4}x^2 - 2a^{-4}x + 2a^{-4} - a^{-8}x^2 + a^{-8}x - a^{-8}$
$KBSM(5_9) = 2a^6x^2 - a^6 - 3a^2x^2 + a^2 + 3a^{-2}x^2 - a^{-2}x - a^{-2} - 3a^{-6}x^2 + 2a^{-6}x + 2a^{-10}x^2 - 2a^{-10}x + 2a^{-10} - a^{-14}x^2 + a^{-14}x - a^{-14} + a^{-18}x$
$KBSM(\overline{5_9}) = -a^6x^2 + a^6 + 2a^2x^2 - a^2 - 3a^{-2}x^2 + a^{-2} + 4a^{-6}x^2 - 2a^{-6}x - a^{-6} - 2a^{-10}x^2 + 2a^{-10}x - 2a^{-10} + a^{-14}x^2 - a^{-14}x + 2a^{-14} - a^{-18}x^2 + a^{-18}x + a^{-22}x$
$KBSM(5_{10}) = 2a^{-4}x - a^{-8}x^2 - 2a^{-8}x + a^{-8} + 2a^{-12}x^2 + a^{-12}x - a^{-12} - 2a^{-16}x^2 + a^{-20}x^2 + a^{-20} - a^{-24}$
$KBSM(\overline{5_{10}}) = a^{20}x - 2a^{16}x + a^{12}x^2 + 2a^{12}x - a^{12} - 2a^8x^2 - a^8x + a^8 + 2a^4x^2 - x^2 + x - 1 + a^{-4}$
$KBSM(5_{11}) = a^2x^2 - 4a^{-2}x^2 + 2a^{-2} + 4a^{-6}x^2 - a^{-6} - 4a^{-10}x^2 + a^{-10}x + a^{-10} + 3a^{-14}x^2 - 2a^{-14}x + a^{-14} - a^{-18}x^2 + a^{-18}x - 2a^{-18} + a^{-22}$
$KBSM(\overline{5_{11}}) = a^{14}x^2 - 3a^{10}x^2 + a^{10} + 4a^6x^2 - a^6 - 5a^2x^2 + a^2x + 2a^2 + 3a^{-2}x^2 - 2a^{-2}x + a^{-2} - a^{-6}x^2 + a^{-6}x - 2a^{-6} + a^{-10}$
$KBSM(5_{12}) = -2x + a^{-4}x^2 + 3a^{-4}x - a^{-4} - 4a^{-8}x^2 - a^{-8}x + 3a^{-8} + 4a^{-12}x^2 - a^{-12}x - 3a^{-16}x^2 + 2a^{-16}x - 2a^{-16} + a^{-20}x^2 - a^{-20}x + 2a^{-20}$
$KBSM(\overline{5_{12}}) = -a^{16}x + 3a^{12}x - 2a^8x^2 - 3a^8x + 2a^8 + 4a^4x^2 - 2a^4 - 4x^2 + 2x + 2a^{-4}x^2 - 2a^{-4}x + 3a^{-4} - a^{-8}x^2 + a^{-8}x - a^{-8}$
$KBSM(5_{13}) = -a^6x^2 + 3a^2x^2 - 2a^2 - 4a^{-2}x^2 + a^{-2} + 4a^{-6}x^2 - a^{-6}x - a^{-6} - 3a^{-10}x^2 + 2a^{-10}x - a^{-10} + a^{-14}x^2 - a^{-14}x + 2a^{-14} - a^{-18}$
$KBSM(\overline{5_{13}}) = -a^{10}x^2 + 3a^6x^2 - a^6 - 4a^2x^2 + a^2 + 4a^{-2}x^2 - a^{-2}x - 2a^{-2} - 3a^{-6}x^2 + 2a^{-6}x - a^{-6} + a^{-10}x^2 - a^{-10}x + 2a^{-10} - a^{-14}$
$KBSM(5_{14}) = -2a^4x + x^2 + 3x - 1 - 3a^{-4}x^2 - a^{-4}x + 2a^{-4} + 3a^{-8}x^2 - a^{-8}x - 3a^{-12}x^2 + 2a^{-12}x - a^{-12} + a^{-16}x^2 - a^{-16}x + 2a^{-16}$

$KBSM(\overline{5_{14}}) = -a^{12}x + 2a^8x - 2a^4x^2 - 2a^4x + 2a^4 + 3x^2 + x - 1 - 3a^{-4}x^2 + a^{-4}x + 2a^{-8}x^2 - 2a^{-8}x + 2a^{-8} - a^{-12}x^2 + a^{-12}x - a^{-12}$

$KBSM(5_{15}) = -a^{10}x^2 + 4a^6x^2 - a^6 - 6a^2x^2 + 3a^2 + 6a^{-2}x^2 - 2a^{-2}x - 2a^{-2} - 4a^{-6}x^2 + 3a^{-6}x - 2a^{-6} + 2a^{-10}x^2 - 2a^{-10}x + 3a^{-10} - a^{-14}x^2 + a^{-14}x - a^{-14} + a^{-18}x$

$KBSM(\overline{5_{15}}) = -a^6x^2 + 4a^2x^2 - 2a^2 - 6a^{-2}x^2 + 3a^{-2} + 6a^{-6}x^2 - 2a^{-6}x - a^{-6} - 4a^{-10}x^2 + 3a^{-10}x - 2a^{-10} + 2a^{-14}x^2 - 2a^{-14}x + 3a^{-14} - a^{-18}x^2 + a^{-18}x - a^{-18} + a^{-22}x$

$KBSM(5_{16}) = 2a^8x - a^4x^2 - 3a^4x + a^4 + 3x^2 + 2x - 2 - 4a^{-4}x^2 + a^{-4}x + a^{-4} + 3a^{-8}x^2 - 2a^{-8}x + 2a^{-8} - a^{-12}x^2 + a^{-12}x - 2a^{-12}$

$KBSM(\overline{5_{16}}) = a^8x - 3a^4x + 2x^2 + 3x - 2 - 4a^{-4}x^2 + 2a^{-4} + 3a^{-8}x^2 - a^{-8}x + a^{-8} - 2a^{-12}x^2 + 2a^{-12}x - 2a^{-12} + a^{-16}x^2 - a^{-16}x + a^{-16}$

$KBSM(5_{17}) = a^{14}x^2 - 2a^{10}x^2 + 4a^6x^2 - 2a^6 - 4a^2x^2 + a^2x + a^2 + 2a^{-2}x^2 - a^{-2}x + a^{-2} - a^{-6}x^2 + a^{-6}x - a^{-6} + a^{-10}$

$KBSM(\overline{5_{17}}) = a^2x^2 - 3a^{-2}x^2 + a^{-2} + 4a^{-6}x^2 - 2a^{-6} - 3a^{-10}x^2 + a^{-10}x + 2a^{-14}x^2 - a^{-14}x + a^{-14} - a^{-18}x^2 + a^{-18}x - a^{-18} + a^{-22}$

$KBSM(5_{18}) = -2a^{-6}x^2 + a^{-6} + 3a^{-10}x^2 - a^{-10} - 4a^{-14}x^2 + a^{-14}x + 2a^{-14} + 3a^{-18}x^2 - 2a^{-18}x + a^{-18} - a^{-22}x^2 + a^{-22}x - 2a^{-22} + a^{-26}$

$KBSM(\overline{5_{18}}) = a^{18}x^2 - 3a^{14}x^2 + 2a^{14} + 3a^{10}x^2 - a^{10} - 3a^6x^2 + a^6x + a^6 + 2a^2x^2 - 2a^2x + a^2 - a^{-2}x^2 + a^{-2}x - 2a^{-2} + a^{-6}$

$KBSM(5_{19}) = -2a^4x + x^2 + 2x - 1 - 3a^{-4}x^2 + 2a^{-4} + 2a^{-8}x^2 - a^{-8}x + a^{-8} - 2a^{-12}x^2 + 2a^{-12}x - a^{-12} + a^{-16}x^2 - a^{-16}x + a^{-16}$

$KBSM(\overline{5_{19}}) = a^8x - a^4x^2 - 2a^4x + a^4 + 2x^2 + x - 1 - 3a^{-4}x^2 + a^{-4}x + a^{-4} + 2a^{-8}x^2 - 2a^{-8}x + 2a^{-8} - a^{-12}x^2 + a^{-12}x - a^{-12}$

$KBSM(5_{20}) = 2a^2x^2 - a^2 - 4a^{-2}x^2 + 2a^{-2} + 4a^{-6}x^2 - a^{-6}x - a^{-6} - 3a^{-10}x^2 + 2a^{-10}x - a^{-10} + 2a^{-14}x^2 - 2a^{-14}x + 2a^{-14} - a^{-18}x^2 + a^{-18}x - a^{-18} + a^{-22}x$

$KBSM(\overline{5_{20}}) = -a^{10}x^2 + 3a^6x^2 - a^6 - 4a^2x^2 + 2a^2 + 4a^{-2}x^2 - 2a^{-2}x - a^{-2} - 2a^{-6}x^2 + 2a^{-6}x - 2a^{-6} + a^{-10}x^2 - a^{-10}x + 2a^{-10} - a^{-14}x^2 + a^{-14}x + a^{-18}x$

$KBSM(5_{21}) = 2a^{12}x - a^8x^2 - 2a^8x + a^8 + 3a^4x^2 - 2a^4 - 3x^2 + 2x + 2a^{-4}x^2 - 2a^{-4}x + 2a^{-4} - a^{-8}x^2 + a^{-8}x - a^{-8}$

$KBSM(\overline{5_{21}}) = -x + a^{-4}x^2 + 2a^{-4}x - a^{-4} - 3a^{-8}x^2 + 2a^{-8} + 3a^{-12}x^2 - a^{-12}x - 2a^{-16}x^2 + 2a^{-16}x - 2a^{-16} + a^{-20}x^2 - a^{-20}x + a^{-20}$

$KBSM(5_{22}) = -a^6x^2 + 2a^2x^2 - a^2 - 3a^{-2}x^2 + 2a^{-2} + 2a^{-6}x^2 - a^{-6}x + a^{-6} - a^{-10}x^2 + a^{-10}x - a^{-10} + a^{-14}$

$KBSM(\overline{5_{22}}) = a^6x^2 + a^6 - 3a^2x^2 + 2a^2 + 2a^{-2}x^2 - a^{-2} - 2a^{-6}x^2 + a^{-6}x + a^{-10}x^2 - a^{-10}x + a^{-10} - a^{-14}$

$KBSM(5_{23}) = -a^{12}x + a^8x - a^4x^2 + a^4 + x^2 + x - a^{-4}$

$KBSM(\overline{5_{23}}) = 2x - a^{-4}x + a^{-8}x^2 - a^{-8} - a^{-12}x^2 + a^{-16}$

$KBSM(5_{24}) = a^{-6} + a^{-14}x - a^{-14}$

$KBSM(\overline{5_{24}}) = -a^{18} + a^{14}x^2 - a^{14} + a^6 - a^{-2}x^2 + a^{-2}x + a^{-6}$

$KBSM(5_{25}) = -a^{-6}x^2 + 2a^{-10}x^2 - 4a^{-14}x^2 + 2a^{-14} + 4a^{-18}x^2 - a^{-18} - 3a^{-22}x^2 + a^{-22}x + a^{-26}x^2 - a^{-26}x + 2a^{-26} - a^{-30}$

$KBSM(\overline{5_{25}}) = a^{26} - 2a^{22}x^2 + 4a^{18}x^2 - a^{18} - 4a^{14}x^2 + 2a^{14} + 3a^{10}x^2 - a^{10}x - 2a^6x^2 + a^6x - a^6 + a^2$

$KBSM(5_{26}) = -x + 3a^{-4}x - a^{-8}x^2 - 2a^{-8}x + a^{-8} + 2a^{-12}x^2 + 2a^{-12}x - a^{-12} - 2a^{-16}x^2 - a^{-16}x + a^{-20}x^2 + a^{-20} - a^{-24}$

$KBSM(\overline{5_{26}}) = a^{20}x - 3a^{16}x + a^{12}x^2 + 3a^{12}x - a^{12} - 2a^8x^2 - a^8x + a^8 + 2a^4x^2 + a^4x - x^2 - 1 + a^{-4}$

$KBSM(5_{27}) = -x + 3a^{-4}x - a^{-8}x^2 - 2a^{-8}x + a^{-8} + 2a^{-12}x^2 + 2a^{-12}x - a^{-12} - 2a^{-16}x^2 - a^{-16}x + a^{-20}x^2 + a^{-20} - a^{-24}$

$KBSM(\overline{5_{27}}) = a^{20}x - 3a^{16}x + a^{12}x^2 + 3a^{12}x - a^{12} - 2a^8x^2 - a^8x + a^8 + 2a^4x^2 + a^4x - x^2 - 1 + a^{-4}$

$KBSM(5_{28}) = a^{14}x^2 - 2a^{10}x^2 + 3a^6x^2 - a^6 - 3a^2x^2 + a^2 + 2a^{-2}x^2 - a^{-6}x^2 + a^{-6}x - a^{-6} + a^{-10}$

$KBSM(\overline{5_{28}}) = -a^6 + 2a^2x^2 - 3a^{-2}x^2 + a^{-2} + 3a^{-6}x^2 - a^{-6} - 3a^{-10}x^2 + a^{-10}x + a^{-14}x^2 + a^{-14}$

$KBSM(5_{29}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 - a^{-10} + a^{-14}$

$KBSM(\overline{5_{29}}) = a^{14} - a^{10}x^2 - a^{10} + 2a^6x^2 - a^6 - 2a^2x^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$

$KBSM(5_{30}) = a^8x - a^4x + 2x - 2a^{-4}x + a^{-8}x^2 + a^{-8}x - a^{-8} - a^{-12}x^2 + a^{-16}$

$KBSM(\overline{5_{30}}) = -a^{12}x + 2a^8x - a^4x^2 - a^4x + a^4 + x^2 + x - a^{-4}x - a^{-4} + a^{-8}x$
$KBSM(5_{31}) = a^8x - 2a^4x + 3x - a^{-4}x^2 - 2a^{-4}x + a^{-4} + 2a^{-8}x^2 + a^{-8}x - a^{-8} - a^{-12}x^2 - a^{-12} + a^{-16}$
$KBSM(\overline{5_{31}}) = -a^{12}x + 3a^8x - a^4x^2 - 2a^4x + a^4 + 2x^2 + x - 1 - a^{-4}x^2 - a^{-4}x - a^{-4} + a^{-8}x + a^{-8}$
$KBSM(5_{32}) = a^8x - 2a^4x + 2x - a^{-4}x^2 - 2a^{-4}x + a^{-4} + a^{-8}x^2 + a^{-8}x - a^{-12}x^2 + a^{-16}$
$KBSM(\overline{5_{32}}) = -a^{12}x + 2a^8x - a^4x^2 - 2a^4x + a^4 + x^2 + x - a^{-4}x^2 - a^{-4}x + a^{-8}x + a^{-8}$
$KBSM(5_{33}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + a^{-2} + a^{-6}x^2 + a^{-6} - a^{-10}x^2 + a^{-14}$
$KBSM(\overline{5_{33}}) = a^{14} - a^{10}x^2 + a^6x^2 + a^6 - 2a^2x^2 + a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$
$KBSM(5_{34}) = -a^6x^2 + 3a^2x^2 - a^2 - 3a^{-2}x^2 + a^{-2} + 3a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-10}x - a^{-10} + 2a^{-14}$
$KBSM(\overline{5_{34}}) = a^{14} - a^{10}x^2 - a^{10} + 3a^6x^2 - a^6 - 3a^2x^2 + a^2 + 3a^{-2}x^2 - a^{-2} - 2a^{-6}x^2 + a^{-6}x + a^{-10}$
$KBSM(5_{35}) = -a^{-6}x^2 + 2a^{-10}x^2 - a^{-10} - 3a^{-14}x^2 + 4a^{-18}x^2 - 2a^{-18} - 3a^{-22}x^2 + a^{-22}x + a^{-26}x^2 - a^{-26}x + 2a^{-26} - a^{-30}$
$KBSM(\overline{5_{35}}) = a^{26} - 2a^{22}x^2 + 4a^{18}x^2 - 2a^{18} - 3a^{14}x^2 + 3a^{10}x^2 - a^{10}x - a^{10} - 2a^6x^2 + a^6x - a^6 + a^2$
$KBSM(5_{36}) = -x + 2a^{-4}x - a^{-8}x^2 - 2a^{-8}x + a^{-8} + a^{-12}x^2 + 2a^{-12}x - 2a^{-16}x^2 - a^{-16}x + a^{-16} + a^{-20}x^2 + a^{-20} - a^{-24}$
$KBSM(\overline{5_{36}}) = a^{20}x - 3a^{16}x + a^{12}x^2 + 2a^{12}x - a^{12} - 2a^8x^2 - a^8x + a^8 + a^4x^2 + a^4x + a^4 - x^2 + a^{-4}$
$KBSM(5_{37}) = a^{14}x^2 - 2a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-6}$
$KBSM(\overline{5_{37}}) = -a^6 + a^2x^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^2$
$KBSM(5_{38}) = -a^{-2} + a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + 2a^{-14}x^2 - a^{-14} - 2a^{-18}x^2 + a^{-18}x + a^{-18} + a^{-22}x^2 - a^{-22}x + a^{-22} - a^{-26}$
$KBSM(\overline{5_{38}}) = -a^{18}x^2 + a^{18} + 2a^{14}x^2 - a^{14} - 2a^{10}x^2 + 2a^6x^2 - a^6x - a^6 - a^2x^2 + a^2x - 2a^2 + a^{-2}$
$KBSM(5_{39}) = -a^{12}x + a^8x^2 + a^8x - a^8 - 2a^4x^2 + a^4 + x^2 + 1 - a^{-4}x^2 + a^{-8}$
$KBSM(\overline{5_{39}}) = -a^4x + x - a^{-4}x^2 - a^{-4}x + a^{-4} + a^{-8}x^2 + a^{-8}x - 2a^{-12}x^2 + a^{-12}x + a^{-12} + a^{-16}x^2 - a^{-16}x + a^{-16} - a^{-20}$
$KBSM(5_{40}) = a^{-8}x - a^{-12}x^2 + a^{-12} + a^{-16}x^2 - a^{-20}x^2 + a^{-24}x^2 - a^{-28}$
$KBSM(\overline{5_{40}}) = a^{24}x - a^{20}x + a^{16}x^2 - a^{16} - a^{12}x^2 + a^8x^2 - a^4x^2 + a^4x + 1$
$KBSM(5_{41}) = a^{18} + a^{10}x^2 - a^{10} - a^6x^2 + a^2x^2 - a^2 - a^{-2}x^2 + a^{-2}x + a^{-6}$
$KBSM(\overline{5_{41}}) = a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-14}x + 2a^{-18}$
$KBSM(5_{42}) = a^{-4}x - a^{-8}x^2 - a^{-8}x + a^{-8} + a^{-12}x^2 + a^{-12}x - a^{-16}x^2 + a^{-20}x^2 - a^{-24}$
$KBSM(\overline{5_{42}}) = a^{20}x - a^{16}x + a^{12}x^2 + a^{12}x - a^{12} - a^8x^2 - a^8x + a^4x^2 - x^2 + x + a^{-4}$
$KBSM(5_{43}) = a^6x^2 - 2a^2x^2 + a^2 + 2a^{-2}x^2 - a^{-2} - 2a^{-6}x^2 + a^{-6}x + 2a^{-10}x^2 - a^{-10}x - a^{-14}x^2 + a^{-14}x - a^{-14} + a^{-18}$
$KBSM(\overline{5_{43}}) = a^{10}x^2 - a^{10} - a^6x^2 + 2a^2x^2 - a^2 - 3a^{-2}x^2 + a^{-2}x + a^{-2} + 2a^{-6}x^2 - a^{-6}x + a^{-6} - a^{-10}x^2 + a^{-10}x - a^{-10} + a^{-14}$
$KBSM(5_{44}) = -x + a^{-4}x^2 + 2a^{-4}x - a^{-4} - 3a^{-8}x^2 - a^{-8}x + 2a^{-8} + 3a^{-12}x^2 - a^{-12}x - 3a^{-16}x^2 + 2a^{-16}x - a^{-16} + a^{-20}x^2 - a^{-20}x + 2a^{-20}$
$KBSM(\overline{5_{44}}) = -a^{16}x + 2a^{12}x - 2a^8x^2 - 2a^8x + 2a^8 + 3a^4x^2 - a^4 - 3x^2 + 2x + 2a^{-4}x^2 - 2a^{-4}x + 2a^{-4} - a^{-8}x^2 + a^{-8}x - a^{-8}$
$KBSM(5_{45}) = -a^{10}x^2 + 3a^6x^2 - a^6 - 4a^2x^2 + 2a^2 + 3a^{-2}x^2 - a^{-2}x - 3a^{-6}x^2 + 2a^{-6}x + a^{-10}x^2 - a^{-10}x + 2a^{-10} - a^{-14}$
$KBSM(\overline{5_{45}}) = -a^6x^2 + a^6 + 2a^2x^2 - 4a^{-2}x^2 + 2a^{-2} + 4a^{-6}x^2 - a^{-6}x - a^{-6} - 3a^{-10}x^2 + 2a^{-10}x - a^{-10} + a^{-14}x^2 - a^{-14}x + 2a^{-14} - a^{-18}$
$KBSM(5_{46}) = -x + a^{-4}x^2 + 3a^{-4}x - a^{-4} - 3a^{-8}x^2 - a^{-8}x + 2a^{-8} + 4a^{-12}x^2 - a^{-12}x - a^{-12} - 3a^{-16}x^2 + 2a^{-16}x - 2a^{-16} + a^{-20}x^2 - a^{-20}x + 2a^{-20}$
$KBSM(\overline{5_{46}}) = -a^{16}x + 3a^{12}x - 2a^8x^2 - 2a^8x + 2a^8 + 4a^4x^2 - 2a^4 - 3x^2 + 2x - 1 + 2a^{-4}x^2 - 2a^{-4}x + 2a^{-4} - a^{-8}x^2 + a^{-8}x - a^{-8}$
$KBSM(5_{47}) = -a^{10}x^2 + 4a^6x^2 - 2a^6 - 5a^2x^2 + 2a^2 + 5a^{-2}x^2 - 2a^{-2}x - a^{-2} - 4a^{-6}x^2 + 3a^{-6}x - a^{-6} + 2a^{-10}x^2 - 2a^{-10}x + 3a^{-10} - a^{-14}x^2 + a^{-14}x - a^{-14} + a^{-18}x$
$KBSM(\overline{5_{47}}) = -a^6x^2 + a^6 + 3a^2x^2 - a^2 - 5a^{-2}x^2 + 2a^{-2} + 6a^{-6}x^2 - 2a^{-6}x - 2a^{-6} - 4a^{-10}x^2 + 3a^{-10}x - 2a^{-10} + 2a^{-14}x^2 - 2a^{-14}x + 3a^{-14} - a^{-18}x^2 + a^{-18}x - a^{-18} + a^{-22}x$
$KBSM(5_{48}) = a^4x - x^2 - x + 1 + 2a^{-4}x^2 + a^{-4}x - a^{-4} - 3a^{-8}x^2 + a^{-8}x + a^{-8} + 3a^{-12}x^2 - 2a^{-12}x +$

$a^{-12} - a^{-16}x^2 + a^{-16}x - 2a^{-16}$

$KBSM(\overline{5_{48}}) = a^{12}x - 2a^8x + 2a^4x^2 + a^4x - 2a^4 - 3x^2 + x + 1 + 2a^{-4}x^2 - a^{-4}x + a^{-4} - 2a^{-8}x^2 + 2a^{-8}x - a^{-8} + a^{-12}x^2 - a^{-12}x + a^{-12}$

$KBSM(5_{49}) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + 3a^6x^2 - a^6 - 3a^2x^2 + a^2x + 2a^{-2}x^2 - a^{-2}x - a^{-6}x^2 + a^{-6}x - a^{-6} + a^{-10}$

$KBSM(\overline{5_{49}}) = a^2x^2 - a^2 - 2a^{-2}x^2 + 3a^{-6}x^2 - a^{-6} - 3a^{-10}x^2 + a^{-10}x + a^{-10} + 2a^{-14}x^2 - a^{-14}x + a^{-14} - a^{-18}x^2 + a^{-18}x - a^{-18} + a^{-22}$

$KBSM(5_{50}) = -a^{-6}x^2 + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + 2a^{-18}x^2 - a^{-22}x^2 + a^{-26}$

$KBSM(\overline{5_{50}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2$

$KBSM(5_{51}) = a^{-4}x - a^{-8}x + 3a^{-12}x - a^{-16}x^2 - 2a^{-16}x + a^{-16} + 2a^{-20}x^2 - a^{-20} - a^{-24}x^2 - a^{-24} + a^{-28}$

$KBSM(\overline{5_{51}}) = -a^{24}x + 2a^{20}x - a^{16}x^2 - 2a^{16}x + a^{16} + 2a^{12}x^2 + a^{12}x - a^{12} - a^8x^2 - a^8 + a^4x + a^4$

$KBSM(5_{52}) = -a^{16}x + a^{12}x - a^8x + 2a^4x - x^2 + 1 + a^{-4}x^2 - a^{-8}$

$KBSM(\overline{5_{52}}) = a^4x - x + a^{-4}x^2 + a^{-4}x - a^{-4} - a^{-8}x^2 + a^{-12}x + a^{-12} - a^{-16}x$

$KBSM(5_{53}) = a^{-2}x^2 - 2a^{-6}x^2 + a^{-6} + 2a^{-10}x^2 - a^{-10} - 2a^{-14}x^2 + a^{-14}x + a^{-18}x^2 + a^{-18} - a^{-22}$

$KBSM(\overline{5_{53}}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + 2a^{10}x^2 - a^{10} - 2a^6x^2 + a^6 + a^2x^2 - a^{-2}x^2 + a^{-2}x + a^{-6}$

$KBSM(5_{54}) = a^{20}x - 2a^{16}x + a^{12}x^2 + 2a^{12}x - a^{12} - a^8x^2 - a^8x + a^4x^2 + a^4x - x^2 + a^{-4}$

$KBSM(\overline{5_{54}}) = -x + 2a^{-4}x - a^{-8}x^2 - a^{-8}x + a^{-8} + a^{-12}x^2 + 2a^{-12}x - a^{-16}x^2 - a^{-16}x + a^{-20}x^2 - a^{-24}$

$KBSM(5_{55}) = -a^{18}x^2 + 3a^{14}x^2 - a^{14} - 4a^{10}x^2 + 2a^{10} + 3a^6x^2 - a^6x - 2a^2x^2 + a^2x - a^2 + 2a^{-2}$

$KBSM(\overline{5_{55}}) = a^2 - a^{-2}x^2 + 2a^{-6}x^2 - 4a^{-10}x^2 + 2a^{-10} + 3a^{-14}x^2 - a^{-14} - 2a^{-18}x^2 + a^{-18}x + a^{-22}x^2 - a^{-22}x + a^{-22} - a^{-26}$

$KBSM(5_{56}) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + 2a^6x^2 - 2a^2x^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6}x - a^{-6} + a^{-10}$

$KBSM(\overline{5_{56}}) = -a^6 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - 3a^{-10}x^2 + a^{-10}x + a^{-10} + a^{-14}x^2 + a^{-14}$

$KBSM(5_{57}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-18}x^2 + a^{-18} + a^{-22}$

$KBSM(\overline{5_{57}}) = a^{22} - a^{18}x^2 + a^{18} + a^{14}x^2 - a^{10}x^2 + a^6x^2 - a^2x^2$

$KBSM(5_{58}) = -a^4x + 2x - a^{-4}x^2 - a^{-4}x + a^{-4} + a^{-8}x^2 + a^{-8}x - a^{-12}x^2 + a^{-16}x^2 - a^{-20}$

$KBSM(\overline{5_{58}}) = a^{16}x - a^{12}x + a^8x^2 + a^8x - a^8 - a^4x^2 - a^4x + x^2 + x - a^{-4}x^2 + a^{-8}$

$KBSM(5_{59}) = a^2x^2 - 3a^{-2}x^2 + a^{-2} + 4a^{-6}x^2 - a^{-6} - 4a^{-10}x^2 + a^{-10}x + a^{-10} + 3a^{-14}x^2 - a^{-14}x - a^{-18}x^2 + a^{-18}x - 2a^{-18} + a^{-22}$

$KBSM(\overline{5_{59}}) = -a^{18} + 2a^{14}x^2 - a^{14} - 3a^{10}x^2 + a^{10} + 4a^6x^2 - a^6 - 4a^2x^2 + a^2x + a^2 + 2a^{-2}x^2 - a^{-2}x + a^{-2} - a^{-6}x^2 + a^{-6}x - a^{-6} + a^{-10}$

$KBSM(5_{60}) = a^8x - 2a^4x + x^2 + 3x - 1 - 2a^{-4}x^2 - a^{-4}x + a^{-4} + 2a^{-8}x^2 - a^{-12}x^2 - a^{-12} + a^{-16}$

$KBSM(\overline{5_{60}}) = -a^{12}x + 2a^8x - a^4x^2 - 2a^4x + a^4 + 2x^2 + 2x - 1 - 2a^{-4}x^2 + a^{-8}x^2 + a^{-8} - a^{-12}$

$KBSM(5_{61}) = a^2x^2 - 4a^{-2}x^2 + a^{-2} + 5a^{-6}x^2 - 2a^{-6} - 5a^{-10}x^2 + a^{-10}x + a^{-10} + 4a^{-14}x^2 - 2a^{-14}x - a^{-18}x^2 + a^{-18}x - 3a^{-18} + a^{-22}$

$KBSM(\overline{5_{61}}) = -a^{18} + 2a^{14}x^2 - a^{14} - 4a^{10}x^2 + a^{10} + 5a^6x^2 - 2a^6 - 5a^2x^2 + a^2x + a^2 + 3a^{-2}x^2 - 2a^{-2}x + a^{-2} - a^{-6}x^2 + a^{-6}x - 2a^{-6} + a^{-10}$

$KBSM(5_{62}) = a^8x - 4a^4x + 2x^2 + 4x - 2 - 5a^{-4}x^2 - a^{-4}x + 3a^{-4} + 4a^{-8}x^2 - a^{-8}x + a^{-8} - 3a^{-12}x^2 + 2a^{-12}x - 2a^{-12} + a^{-16}x^2 - a^{-16}x + 2a^{-16}$

$KBSM(\overline{5_{62}}) = -a^{12}x + 3a^8x - 2a^4x^2 - 4a^4x + 2a^4 + 4x^2 + 2x - 2 - 5a^{-4}x^2 + a^{-4}x + a^{-4} + 3a^{-8}x^2 - 2a^{-8}x + 3a^{-8} - a^{-12}x^2 + a^{-12}x - 2a^{-12}$

$KBSM(5_{63}) = -a^6x^2 + 3a^2x^2 - a^2 - 5a^{-2}x^2 + 2a^{-2} + 5a^{-6}x^2 - a^{-6}x - a^{-6} - 4a^{-10}x^2 + 2a^{-10}x + a^{-14}x^2 - a^{-14}x + 3a^{-14} - a^{-18}$

$KBSM(\overline{5_{63}}) = a^{14} - 2a^{10}x^2 + a^{10} + 4a^6x^2 - a^6 - 5a^2x^2 + 2a^2 + 4a^{-2}x^2 - a^{-2}x - a^{-2} - 3a^{-6}x^2 + 2a^{-6}x - a^{-6} + a^{-10}x^2 - a^{-10}x + 2a^{-10} - a^{-14}$

$KBSM(5_{64}) = a^8x - 3a^4x + 2x^2 + 4x - 2 - 4a^{-4}x^2 - a^{-4}x + 2a^{-4} + 4a^{-8}x^2 - a^{-8}x - 3a^{-12}x^2 + 2a^{-12}x - 2a^{-12} + a^{-16}x^2 - a^{-16}x + 2a^{-16}$

$KBSM(\overline{5_{64}}) = -a^{12}x + 3a^8x - 2a^4x^2 - 3a^4x + 2a^4 + 4x^2 + 2x - 2 - 4a^{-4}x^2 + a^{-4}x + 3a^{-8}x^2 - 2a^{-8}x + 2a^{-8} - a^{-12}x^2 + a^{-12}x - 2a^{-12}$

$KBSM(5_{65}) = -a^6x^2 + 5a^2x^2 - 2a^2 - 8a^{-2}x^2 + 3a^{-2} + 9a^{-6}x^2 - 2a^{-6}x - 3a^{-6} - 7a^{-10}x^2 + 4a^{-10}x - a^{-10} + 3a^{-14}x^2 - 3a^{-14}x + 5a^{-14} - a^{-18}x^2 + a^{-18}x - 2a^{-18} + a^{-22}x$

$KBSM(\overline{5_{65}}) = a^{14} - 3a^{10}x^2 + a^{10} + 7a^6x^2 - 3a^6 - 8a^2x^2 + 3a^2 + 8a^{-2}x^2 - 3a^{-2}x - 2a^{-2} - 5a^{-6}x^2 +$

$4a^{-6}x - 3a^{-6} + 2a^{-10}x^2 - 2a^{-10}x + 4a^{-10} - a^{-14}x^2 + a^{-14}x - a^{-14} + a^{-18}x$

$KBSM(5_{66}) = a^{10}x^2 - 2a^6x^2 + a^6 + 3a^2x^2 - a^2 - 4a^{-2}x^2 + a^{-2}x + a^{-2} + 3a^{-6}x^2 - a^{-6}x - a^{-10}x^2 + a^{-10}x - 2a^{-10} + a^{-14}$

$KBSM(\overline{5_{66}}) = -a^{10} + 2a^6x^2 - a^6 - 3a^2x^2 + a^2 + 3a^{-2}x^2 - a^{-2} - 3a^{-6}x^2 + a^{-6}x + a^{-6} + 2a^{-10}x^2 - a^{-10}x + a^{-10} - a^{-14}x^2 + a^{-14}x - a^{-14} + a^{-18}$

$KBSM(5_{67}) = -a^{-6}x^2 + a^{-6} + 2a^{-10}x^2 - a^{-10} - 2a^{-14}x^2 + a^{-14}x + 2a^{-18}x^2 - a^{-18}x - a^{-22}x^2 + a^{-22}x - a^{-22} + a^{-26}$

$KBSM(\overline{5_{67}}) = a^{18}x^2 - a^{18} - a^{14}x^2 + 2a^{10}x^2 - a^{10} - 2a^6x^2 + a^6x + a^6 + a^2x^2 - a^2x + a^2 - a^{-2}x^2 + a^{-2}x - a^{-2} + a^{-6}$

$KBSM(5_{68}) = -a^8x + a^4x^2 - a^4 - 2x^2 + x + 1 + a^{-4}x^2 - a^{-4}x + a^{-4} - 2a^{-8}x^2 + 2a^{-8}x + a^{-12}x^2 - a^{-12}x + a^{-12}$

$KBSM(\overline{5_{68}}) = -x^2 + 1 + a^{-4}x^2 - 2a^{-8}x^2 + a^{-8}x + a^{-8} + 2a^{-12}x^2 - 2a^{-12}x + a^{-12} - a^{-16}x^2 + a^{-16}x - a^{-16}$

$KBSM(5_{69}) = a^{-2}x^2 - a^{-2} - 2a^{-6}x^2 + a^{-6} + 3a^{-10}x^2 - a^{-10}x - a^{-10} - 3a^{-14}x^2 + 2a^{-14}x + 2a^{-18}x^2 - 2a^{-18}x + 2a^{-18} - a^{-22}x^2 + a^{-22}x - a^{-22} + a^{-26}x$

$KBSM(\overline{5_{69}}) = -a^{14}x^2 + a^{14} + 2a^{10}x^2 - a^{10} - 2a^6x^2 + a^6 + 3a^2x^2 - 2a^2x - a^2 - 2a^{-2}x^2 + 2a^{-2}x - 2a^{-2} + a^{-6}x^2 - a^{-6}x + 2a^{-6} - a^{-10}x^2 + a^{-10}x + a^{-14}x$

$KBSM(5_{70}) = a^{12}x - a^8x^2 - a^8x + a^8 + 2a^4x^2 - a^4 - 2x^2 + 2x + 2a^{-4}x^2 - 2a^{-4}x + a^{-4} - a^{-8}x^2 + a^{-8}x - a^{-8}$

$KBSM(\overline{5_{70}}) = a^{-4}x^2 + a^{-4}x - a^{-4} - 2a^{-8}x^2 + a^{-8} + 2a^{-12}x^2 - a^{-12}x - 2a^{-16}x^2 + 2a^{-16}x - a^{-16} + a^{-20}x^2 - a^{-20}x + a^{-20}$

$KBSM(5_{71}) = -a^6x^2 + a^6 + a^2x^2 - a^2x - a^2 + a^{-2}x - 2a^{-2}$

$KBSM(\overline{5_{71}}) = -a^6 + a^2x^2 - a^2 - a^{-2} - a^{-6}x^2 + a^{-6} - a^{-14}x^2 + a^{-14}x + a^{-18}x^2 - a^{-18}x + a^{-18} - a^{-22}$

$KBSM(5_{72}) = a^{-8}x - a^{-12}x^2 + a^{-12} + 2a^{-16}x^2 - a^{-16}x - a^{-16} - 2a^{-20}x^2 + 2a^{-20}x - a^{-20} + a^{-24}x^2 - a^{-24}x + a^{-24}$

$KBSM(\overline{5_{72}}) = a^{16}x - a^{12}x^2 + a^{12} + 2a^8x^2 - a^8x - a^8 - a^4x^2 + a^4x - a^4 + x^2 - x + 1 - a^{-4}x^2 + a^{-4}x$

$KBSM(5_{73}) = a^6x^2 - 2a^2x^2 + a^2 + 2a^{-2}x^2 - a^{-2}x - a^{-2} - a^{-6}x^2 + a^{-6}x - a^{-6} + a^{-10}x^2 - a^{-10}x + a^{-10} - a^{-14}x^2 + a^{-14}x + a^{-18}x$

$KBSM(\overline{5_{73}}) = a^2x^2 - a^2 - 2a^{-2}x^2 + a^{-2} + 2a^{-6}x^2 - a^{-6}x - a^{-10}x^2 + a^{-10}x - a^{-10} + a^{-14}x^2 - a^{-14}x + a^{-14} - a^{-18}x^2 + a^{-18}x + a^{-22}x$

$KBSM(5_{74}) = a^{-18}x$

$KBSM(\overline{5_{74}}) = -a^{22} + a^{18}x^2 - a^2x^2 + a^2x + a^{-2}$

$KBSM(5_{75}) = -a^6x^2 + a^6 + a^2x^2 - a^2x - a^{-2}x^2 + a^{-2}x + a^{-6}$

$KBSM(\overline{5_{75}}) = a^2 - a^{-6}x^2 + a^{-6} - a^{-14}x^2 + a^{-14}x + a^{-18}x^2 - a^{-18}x + a^{-18} - a^{-22}$

$KBSM(\overline{5_{76}}) = -x^2 + 1 + a^{-4}x^2 - a^{-4}x - a^{-8}x^2 + a^{-8}x + a^{-12}$

$KBSM(5_{77}) = -a^6x^2 + a^6 + 2a^2x^2 - a^2 - a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-10}x - a^{-10} + a^{-14}$

$KBSM(\overline{5_{77}}) = -a^{10} + a^6x^2 - a^2x^2 + 2a^{-2}x^2 - a^{-2} - 2a^{-6}x^2 + a^{-6}x + a^{-6} + a^{-10}$

$KBSM(5_{78}) = -x^2 + x + 1 + a^{-4}x^2 - a^{-4}x + a^{-8}x - a^{-8}$

$KBSM(\overline{5_{78}}) = a^8x + a^{-4}x^2 - a^{-4}x - a^{-4} - a^{-8}x^2 + a^{-8}x + a^{-12}$

$KBSM(5_{79}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + 2a^{-18}x^2 - 2a^{-22}x^2 + a^{-22}x + a^{-26}x^2 - a^{-26}x + a^{-26} - a^{-30}$

$KBSM(\overline{5_{79}}) = -a^{22}x^2 + 2a^{18}x^2 - 2a^{14}x^2 + a^{14} + 2a^{10}x^2 - a^{10}x - 2a^6x^2 + a^6x + a^2$

$KBSM(5_{80}) = a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^2 + a^{-2}x^2 - a^{-6}x^2 + a^{-6}x + a^{-10}$

$KBSM(\overline{5_{80}}) = a^2x^2 - a^{-2}x^2 + a^{-6}x^2 - 2a^{-10}x^2 + a^{-10}x + a^{-14}x^2$

$KBSM(5_{81}) = -a^{-14} + a^{-18}x^2 + a^{-18}x - a^{-18} - a^{-22}x^2 + a^{-22} + a^{-26}$

$KBSM(\overline{5_{81}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - a^{18} - a^{14} - a^2x^2 + a^2x + a^{-2}$

$KBSM(5_{82}) = -a^{-6}x^2 + 3a^{-10}x^2 - 2a^{-10} - 3a^{-14}x^2 + a^{-14}x + a^{-14} + 2a^{-18}x^2 - a^{-18}x + a^{-18} - a^{-22}x^2 + a^{-22}x - a^{-22} + a^{-26}$

$KBSM(\overline{5_{82}}) = a^{18}x^2 - 2a^{14}x^2 + a^{14} + 3a^{10}x^2 - 2a^{10} - 2a^6x^2 + a^6x + a^2x^2 - a^2x + a^2 - a^{-2}x^2 + a^{-2}x - a^{-2} + a^{-6}$

$KBSM(5_{83}) = -a^4x + x^2 + 2x - 1 - 2a^{-4}x^2 + a^{-4} + 2a^{-8}x^2 - a^{-8}x - 2a^{-12}x^2 + 2a^{-12}x - a^{-12} + a^{-16}x^2 - a^{-16}x + a^{-16}$

$KBSM(\overline{5_{83}}) = a^8x - a^4x^2 - a^4x + a^4 + 2x^2 + x - 1 - 2a^{-4}x^2 + a^{-4}x + 2a^{-8}x^2 - 2a^{-8}x + a^{-8} - a^{-12}x^2 +$

$a^{-12}x - a^{-12}$

$KBSM(5_{84}) = a^{-2}x^2 - 3a^{-6}x^2 + 2a^{-6} + 4a^{-10}x^2 - a^{-10}x - 2a^{-10} - 3a^{-14}x^2 + 2a^{-14}x - a^{-14} + 2a^{-18}x^2 - 2a^{-18}x + 2a^{-18} - a^{-22}x^2 + a^{-22}x - a^{-22} + a^{-26}x$

$KBSM(\overline{5_{84}}) = -a^{14}x^2 + 3a^{10}x^2 - 2a^{10} - 3a^6x^2 + 2a^6 + 3a^2x^2 - 2a^2x - 2a^{-2}x^2 + 2a^{-2}x - 2a^{-2} + a^{-6}x^2 - a^{-6}x + 2a^{-6} - a^{-10}x^2 + a^{-10}x + a^{-14}x$

$KBSM(5_{85}) = a^{-22}x^2 - a^{-22}x - a^{-26}x^2 + a^{-26}x + a^{-30}x$

$KBSM(\overline{5_{85}}) = a^6x^2 - a^6x - a^2 - a^{-6}x^2 + a^{-6}x + a^{-6} + a^{-10}x$

$KBSM(5_{86}) = a^{14} - a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-2} - a^{-6}$

$KBSM(\overline{5_{86}}) = -a^6 + a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 + a^{-14}$

$KBSM(5_{87}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18} + a^{-26}$

$KBSM(\overline{5_{87}}) = a^{26} + a^{18} - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2 + a^6$

$KBSM(5_{88}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + a^{-18}x^2 - a^{-22} + a^{-26}$

$KBSM(\overline{5_{88}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2 + a^6$

$KBSM(5_{89}) = -a^{-6}x^2 + 2a^{-10}x^2 - 2a^{-10} - 2a^{-14}x^2 + a^{-18}x^2 - a^{-22} + a^{-26}$

$KBSM(\overline{5_{89}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + 2a^{10}x^2 - 2a^{10} - a^6x^2$

$KBSM(5_{90}) = -a^{-2} + a^{-6} - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}x^2 + a^{-22}x^2 - a^{-22}$

$KBSM(\overline{5_{90}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6 - a^2$

$KBSM(5_{91}) = -a^{-2} - a^{-10} - a^{-18}x^2 + a^{-18} + a^{-22}x^2 - a^{-22}$

$KBSM(\overline{5_{91}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{18} - a^{10} - a^2$

$KBSM(5_{92}) = a^{-4}x - 2a^{-8}x + 3a^{-12}x - a^{-16}x^2 - a^{-16}x + a^{-16} + a^{-20}x^2 + a^{-20}x - a^{-24}x - a^{-24}$

$KBSM(\overline{5_{92}}) = -a^{24}x + 2a^{20}x - 2a^{16}x + a^{12}x^2 + 2a^{12}x - a^{12} - a^8x^2 - a^8x + a^4x + a^4$

$KBSM(5_{93}) = -a^{-10}x^2 + a^{-10} + a^{-30}$

$KBSM(\overline{5_{93}}) = a^{30} - a^{10}x^2 + a^{10}$

$KBSM(5_{94}) = -a^{-6} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}x^2 + a^{-26}x^2 - a^{-26}$

$KBSM(\overline{5_{94}}) = a^{26}x^2 - a^{26} - a^{22}x^2 + a^{18}x^2 - a^{14}x^2 - a^6$

$KBSM(5_{95}) = -a^{-6} - a^{-14}x^2 - a^{-14} + 2a^{-18}x^2 - a^{-18} - 2a^{-22}x^2 + a^{-22} + a^{-26}x^2$

$KBSM(\overline{5_{95}}) = a^{26}x^2 - 2a^{22}x^2 + a^{22} + 2a^{18}x^2 - a^{18} - a^{14}x^2 - a^{14} - a^6$

2.7 Knots in $L(6,1)$

$KBSM(0_1) = x$

$KBSM(1_1) = -a^{-2}x^2 + a^{-2} + a^{-6}$

$KBSM(\overline{1_1}) = a^6 - a^2x^2 + a^2$

$KBSM(2_1) = -a^{-2}x^2 + a^{-6}x^2 - a^{-6} - a^{-10}$

$KBSM(\overline{2_1}) = -a^{10} + a^6x^2 - a^6 - a^2x^2$

$KBSM(*2_2) = -a^4x + x^3 - x - a^{-4}x$

$KBSM(2_3) = a^{-4}x^3 - 2a^{-4}x - a^{-8}x$

$KBSM(\overline{2_3}) = -a^8x + a^4x^3 - 2a^4x$

$KBSM(3_1) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-8}x + a^{-12}x$

$KBSM(\overline{3_1}) = a^{12}x - a^8x^3 + a^8x + a^4x^3 - a^4x$

$KBSM(3_2) = a^6x^2 - a^2x^2 - x^2 + 1 + a^{-4}$

$KBSM(\overline{3_2}) = a^2x^2 - a^2 - a^{-2}x^2 - a^{-4}x^2 + a^{-4} + a^{-6} + a^{-8}$

$KBSM(3_3) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-10} + a^{-14}$

$KBSM(\overline{3_3}) = a^{14} - a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2$

$KBSM(3_4) = -a^4x + x^3 - a^{-4}x^3 + a^{-4}x + a^{-8}x$

$KBSM(\overline{3_4}) = a^8x - a^4x^3 + a^4x + x^3 - a^{-4}x$

$KBSM(3_5) = a^2x^2 - 2a^{-2}x^2 + a^{-2} - a^{-4}x^2 + a^{-4} + a^{-6}x^2 + a^{-8} - a^{-10}$

$KBSM(\overline{3_5}) = -a^{10} + 2a^6x^2 - a^6 - 2a^2x^2 + a^2 - x^2 + 1 + a^{-2} + a^{-4}$

$KBSM(\overline{3_6}) = a^{10}x^2 - a^{10} - a^4x^2 + a^4 - a^2x^2 + a^2 + 1$

$KBSM(3_7) = -a^{-6}x^2 + a^{-6} + a^{-18}$
$KBSM(\overline{3_7}) = a^{18} - a^6x^2 + a^6$
$KBSM(3_8) = -a^{-2} - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(\overline{3_8}) = a^{14}x^2 - a^{14} - a^{10}x^2 - a^2$
$KBSM(4_1) = -a^{-6}x^2 + a^{-6} - a^{-8}x^2 + a^{-8} + a^{-10} + a^{-12}x^2 - a^{-16}$
$KBSM(\overline{4_1}) = -a^{14}x^2 + a^{14} + a^{10}x^2 + a^8x^2 - a^8 - a^4x^2 - a^2x^2 + a^2 + 1$
$KBSM(4_2) = -a^8x^3 + a^8x + a^4x^3 - a^4x + x$
$KBSM(\overline{4_2}) = -x^3 + 2x + a^{-4}x^3 - a^{-4}x$
$KBSM(4_3) = a^{-4}x^3 - 2a^{-8}x^3 + 2a^{-8}x + a^{-12}x^3 - a^{-16}x$
$KBSM(\overline{4_3}) = -a^{16}x + a^{12}x^3 - 2a^8x^3 + 2a^8x + a^4x^3$
$KBSM(4_4) = a^2x^2 - 3a^{-2}x^2 + 2a^{-2} - a^{-4}x^2 + a^{-4} + a^{-6}x^2 + a^{-6} + a^{-8}x^2 - a^{-10} - a^{-12}$
$KBSM(\overline{4_4}) = -a^{10}x^2 + 2a^6x^2 + a^4x^2 - a^4 - 2a^2x^2 + a^2 - x^2 + a^{-2} + a^{-4}$
$KBSM(4_5) = -a^4x^3 + 2x^3 - x - a^{-4}x^3 + a^{-4}x + a^{-8}x$
$KBSM(\overline{4_5}) = a^8x - 2a^4x^3 + 2a^4x + 2x^3 - x - a^{-4}x$
$KBSM(4_6) = -a^{-6}x^2 + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{4_6}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2$
$KBSM(4_7) = a^{-4}x - a^{-8}x + a^{-12}x^3 - a^{-16}x^3 + a^{-20}x$
$KBSM(\overline{4_7}) = a^{20}x - a^{16}x^3 + a^{12}x^3 - a^8x + a^4x$
$KBSM(4_8) = -a^{16}x + a^{12}x - a^8x + a^4x^3 - a^4x - x$
$KBSM(\overline{4_8}) = -x + a^{-4}x^3 - a^{-4}x - a^{-8}x + a^{-12}x - a^{-16}x$
$KBSM(4_9) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2 + a^{-2}$
$KBSM(\overline{4_9}) = a^2 - a^{-2}x^2 + a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2$
$KBSM(4_{10}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{4_{10}}) = -a^{18} + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^2$
$KBSM(4_{11}) = -a^4x + x^3 - a^{-4}x^3 + a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(\overline{4_{11}}) = -a^{12}x + a^8x^3 - a^8x - a^4x^3 + x^3 - a^{-4}x$
$KBSM(4_{12}) = a^2x^2 - 3a^{-2}x^2 + a^{-2} - a^{-4}x^2 + a^{-4} + 2a^{-6}x^2 + a^{-8}x^2 - a^{-10}x^2 - a^{-12} + a^{-14}$
$KBSM(\overline{4_{12}}) = a^{14} - 2a^{10}x^2 + a^{10} + 3a^6x^2 - a^6 + a^4x^2 - a^4 - 2a^2x^2 - x^2 + a^{-2} + a^{-4}$
$KBSM(*4_{13}) = a^8x - a^4x^3 + 2x^3 - x - a^{-4}x^3 + a^{-8}x$
$KBSM(*4_{14}) = a^8x - 2a^4x^3 + a^4x + 3x^3 - 2x - a^{-4}x^3 + a^{-8}x$
$KBSM(4_{15}) = -a^6x^2 + 2a^2x^2 - a^2 + x^2 - 1 - 2a^{-2}x^2 - a^{-4}x^2 + a^{-6}x^2 + a^{-8} - a^{-10}$
$KBSM(\overline{4_{15}}) = -a^{10} + 2a^6x^2 - a^6 - 3a^2x^2 + a^2 - x^2 + 1 + a^{-2}x^2 + a^{-4}x^2 - a^{-6} - a^{-8}$
$KBSM(4_{16}) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-12}x^3 - a^{-12}x - a^{-16}x$
$KBSM(\overline{4_{16}}) = -a^{16}x + a^{12}x^3 - a^{12}x - a^8x^3 + a^4x^3 - a^4x$
$KBSM(4_{17}) = a^6x^2 - 2a^2x^2 + a^2 - x^2 + 1 + a^{-2} + a^{-4}x^2 - a^{-8}$
$KBSM(\overline{4_{17}}) = -a^6x^2 + a^6 + a^2x^2 + x^2 - 1 - a^{-2}x^2 - a^{-4}x^2 + a^{-6} + a^{-8}$
$KBSM(4_{18}) = -x^3 + x + 2a^{-4}x^3 - 2a^{-4}x - a^{-8}x^3 + a^{-8}x + a^{-12}x$
$KBSM(\overline{4_{18}}) = a^{12}x - 2a^8x^3 + 2a^8x + 2a^4x^3 - 2a^4x$
$KBSM(4_{19}) = -a^{10}x^2 + 2a^6x^2 - a^6 + a^4x^2 - a^4 - a^2x^2 - a^2 - x^2 + a^{-4}$
$KBSM(\overline{4_{19}}) = a^2x^2 - a^2 - 2a^{-2}x^2 - a^{-4}x^2 + a^{-4} + a^{-6}x^2 + a^{-8}x^2 - a^{-10} - a^{-12}$
$KBSM(4_{20}) = -a^{-6}x^2 - a^{-8}x^2 + a^{-8} + a^{-10}x^2 - a^{-10} + a^{-12}x^2 - a^{-14} - a^{-16}$
$KBSM(\overline{4_{20}}) = -a^{14}x^2 + 2a^{10}x^2 - 2a^{10} + a^8x^2 - a^8 - a^6 - a^4x^2 - a^2x^2 + a^2 + 1$
$KBSM(*4_{21}) = -a^4x^3 + a^4x + x^3$
$KBSM(4_{22}) = a^{-8}x^3 - 2a^{-8}x - a^{-16}x$
$KBSM(\overline{4_{22}}) = -a^{16}x + a^8x^3 - 2a^8x$
$KBSM(\overline{4_{23}}) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(4_{24}) = a^{-12}x$
$KBSM(\overline{4_{24}}) = -a^{12}x^3 + 2a^{12}x + a^4x^3 - a^4x$
$KBSM(4_{25}) = -a^6x^2 + a^6 + a^2x^2 - a^2 - a^{-2} - a^{-10}$
$KBSM(\overline{4_{25}}) = -a^{10} - a^2 + a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6}$

$KBSM(4_{26}) = -a^6x^2 + a^6 + a^2x^2 - a^{-2}x^2 + a^{-2} + a^{-6} - a^{-10}$
$KBSM(\overline{4_{26}}) = -a^{10} + a^6 - a^2x^2 + a^2 + a^{-2}x^2 - a^{-6}x^2 + a^{-6}$
$KBSM(*4_{27}) = a^8x - 2a^4x + x^3 - x - 2a^{-4}x + a^{-8}x$
$KBSM(5_1) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(\overline{5_1}) = -a^{12}x^3 + 2a^{12}x + a^8x^3 - a^8x$
$KBSM(5_2) = a^{-6} - 2a^{-10}x^2 + a^{-10} - a^{-12}x^2 + a^{-12} + a^{-14}x^2 + a^{-16}x^2 - a^{-20}$
$KBSM(\overline{5_2}) = -a^{18}x^2 + a^{18} + 2a^{14}x^2 - a^{14} + a^{12}x^2 - a^{12} - a^{10}x^2 - a^8x^2 - a^6x^2 + 2a^6 + a^4$
$KBSM(5_3) = -a^{12}x^3 + a^{12}x + 2a^8x^3 - 2a^8x - a^4x^3 + a^4x + x$
$KBSM(\overline{5_3}) = x - a^{-4}x^3 + a^{-4}x + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x^3 + a^{-12}x$
$KBSM(5_4) = a^{14}x^2 - a^{14} - a^6x^2 + a^6 - a^4x^2 + a^4 + 1$
$KBSM(\overline{5_4}) = a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6} - a^{-8}x^2 + a^{-8} - a^{-10}x^2 + a^{-10} + a^{-12} + a^{-14}x^2 - a^{-14}$
$KBSM(\overline{5_5}) = a^{16}x^3 - 2a^{16}x - a^{12}x^3 + a^{12}x - a^8x + a^4x^3 - a^4x$
$KBSM(5_6) = a^{10}x^2 - a^{10} + a^8x^2 - a^8 - a^4x^2 - a^2x^2 + a^2 - a^{-4}$
$KBSM(5_7) = -2a^{-6}x^2 + a^{-6} - a^{-8}x^2 + a^{-8} + 2a^{-10}x^2 - a^{-10} + 2a^{-12}x^2 - a^{-12} - 2a^{-14} - a^{-16}x^2 - a^{-16} + a^{-20}$
$KBSM(\overline{5_7}) = a^{18}x^2 - a^{18} - 2a^{14}x^2 - a^{12}x^2 + a^{12} + 2a^{10}x^2 - a^{10} + 2a^8x^2 - a^8 - a^6 - a^4x^2 - a^4 - a^2x^2 + a^2 + 1$
$KBSM(5_8) = -x^3 + x + 3a^{-4}x^3 - 4a^{-4}x - a^{-8}x^3$
$KBSM(\overline{5_8}) = a^{12}x^3 - a^{12}x - 2a^8x^3 + a^8x + 2a^4x^3 - 3a^4x$
$KBSM(5_9) = 2a^6x^2 - a^6 + a^4x^2 - a^4 - 2a^2x^2 - 2x^2 + 1 + a^{-2} + a^{-4}x^2 - 2a^{-8}$
$KBSM(\overline{5_9}) = -a^6x^2 + a^6 + 2a^2x^2 - a^2 + 2x^2 - 2 - a^{-2}x^2 - a^{-2} - 2a^{-4}x^2 + a^{-6} + a^{-8} - a^{-12}$
$KBSM(5_{10}) = a^{-4}x^3 - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x^3 + a^{-20}x$
$KBSM(\overline{5_{10}}) = a^{20}x - a^{16}x^3 + 2a^{12}x^3 - a^{12}x - 2a^8x^3 + a^8x + a^4x^3$
$KBSM(5_{11}) = a^2x^2 - 4a^{-2}x^2 + 2a^{-2} - a^{-4}x^2 + a^{-4} + 3a^{-6}x^2 + 2a^{-8}x^2 - a^{-8} - a^{-10}x^2 - a^{-10} - a^{-12}x^2 - a^{-12} + a^{-14} + a^{-16}$
$KBSM(\overline{5_{11}}) = a^{14}x^2 - 3a^{10}x^2 + a^{10} - a^8x^2 + a^8 + 3a^6x^2 + 2a^4x^2 - a^4 - 2a^2x^2 - x^2 - 1 + a^{-2} + a^{-4}$
$KBSM(5_{12}) = -x^3 + 4a^{-4}x^3 - 4a^{-4}x - 3a^{-8}x^3 + 2a^{-8}x + a^{-12}x^3 - a^{-16}x$
$KBSM(\overline{5_{12}}) = -a^{16}x + 2a^{12}x^3 - a^{12}x - 4a^8x^3 + 3a^8x + 3a^4x^3 - 3a^4x - x$
$KBSM(5_{13}) = -a^6x^2 + 3a^2x^2 - 2a^2 + x^2 - 1 - 3a^{-2}x^2 - 2a^{-4}x^2 + a^{-4} + a^{-6}x^2 + a^{-6} + a^{-8}x^2 + a^{-8} - a^{-10} - a^{-12}$
$KBSM(\overline{5_{13}}) = -a^{10}x^2 + 3a^6x^2 - a^6 + a^4x^2 - a^4 - 3a^2x^2 - 2x^2 + 1 + a^{-2}x^2 + a^{-4}x^2 + a^{-4} - a^{-6} - a^{-8}$
$KBSM(5_{14}) = -a^4x^3 + 3x^3 - 2x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(\overline{5_{14}}) = -a^{12}x + 2a^8x^3 - 2a^8x - 3a^4x^3 + 2a^4x + 2x^3 - x - a^{-4}x$
$KBSM(5_{15}) = -a^{10}x^2 + 4a^6x^2 - a^6 + 2a^4x^2 - 2a^4 - 4a^2x^2 + a^2 - 3x^2 + 1 + a^{-2}x^2 + a^{-2} + a^{-4}x^2 + a^{-4} - a^{-6} - 2a^{-8}$
$KBSM(\overline{5_{15}}) = -a^6x^2 + 4a^2x^2 - 2a^2 + 2x^2 - 2 - 4a^{-2}x^2 + a^{-2} - 3a^{-4}x^2 + a^{-4} + a^{-6}x^2 + 2a^{-6} + a^{-8}x^2 + a^{-8} - a^{-10} - 2a^{-12}$
$KBSM(5_{16}) = a^8x^3 - 3a^4x^3 + 2a^4x + 3x^3 - 2x - a^{-4}x^3 + a^{-8}x$
$KBSM(\overline{5_{16}}) = a^8x - 2a^4x^3 + a^4x + 4x^3 - 3x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x$
$KBSM(5_{17}) = a^{14}x^2 - 2a^{10}x^2 - a^8x^2 + a^8 + 3a^6x^2 - a^6 + a^4x^2 - 2a^2x^2 - x^2 + a^{-2} + a^{-4}$
$KBSM(\overline{5_{17}}) = a^2x^2 - 3a^{-2}x^2 + a^{-2} - a^{-4}x^2 + a^{-4} + 3a^{-6}x^2 - a^{-6} + a^{-8}x^2 - a^{-10}x^2 - a^{-10} - a^{-12}x^2 + a^{-14} + a^{-16}$
$KBSM(5_{18}) = -2a^{-6}x^2 + a^{-6} - a^{-8}x^2 + a^{-8} + 2a^{-10}x^2 + 2a^{-12}x^2 - a^{-12} - a^{-14}x^2 - a^{-16}x^2 - a^{-16} + a^{-18} + a^{-20}$
$KBSM(\overline{5_{18}}) = a^{18}x^2 - 3a^{14}x^2 + 2a^{14} - a^{12}x^2 + a^{12} + 2a^{10}x^2 + 2a^8x^2 - a^8 - a^6 - a^4x^2 - a^4 - a^2x^2 + a^2 + 1$
$KBSM(5_{19}) = -a^4x^3 + 3x^3 - 3x - a^{-4}x^3$
$KBSM(\overline{5_{19}}) = a^8x^3 - a^8x - 2a^4x^3 + a^4x + 2x^3 - 2x - a^{-4}x$
$KBSM(5_{20}) = 2a^2x^2 - a^2 + x^2 - 1 - 3a^{-2}x^2 + a^{-2} - 2a^{-4}x^2 + a^{-4} + a^{-6}x^2 + a^{-6} + a^{-8}x^2 - a^{-10} - 2a^{-12}$
$KBSM(\overline{5_{20}}) = -a^{10}x^2 + 3a^6x^2 - a^6 + 2a^4x^2 - 2a^4 - 2a^2x^2 - 2x^2 + a^{-2} + a^{-4} - a^{-8}$
$KBSM(5_{21}) = a^{12}x^3 - 3a^8x^3 + 3a^8x + 2a^4x^3 - 2a^4x$
$KBSM(\overline{5_{21}}) = -x^3 + x + 3a^{-4}x^3 - 3a^{-4}x - 2a^{-8}x^3 + 2a^{-8}x + a^{-12}x$

$KBSM(5_{22}) = -a^6x^2 + 2a^2x^2 - a^2 + x^2 - 1 - 2a^{-2}x^2 + a^{-2} - a^{-4}x^2 + 2a^{-6} + a^{-8}$
$KBSM(\overline{5_{22}}) = a^6x^2 + a^6 - 3a^2x^2 + 2a^2 - x^2 + 1 + a^{-2}x^2 + a^{-4}x^2 - a^{-6} - a^{-8}$
$KBSM(5_{23}) = -a^{12}x + a^8x^3 - a^8x - a^4x^3 + a^4x + 2x$
$KBSM(\overline{5_{23}}) = 2x - a^{-4}x^3 + a^{-4}x + a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(5_{24}) = a^{-6} - a^{-8}x^2 + a^{-8} - a^{-10}x^2 + a^{-10} + a^{-12} + a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{5_{24}}) = -a^{18} + a^{14}x^2 - a^{14} + a^6 - a^4x^2 + a^4 - a^2x^2 + a^2 + 1$
$KBSM(5_{25}) = -a^{-6}x^2 + 2a^{-10}x^2 - 4a^{-14}x^2 + 2a^{-14} - a^{-16}x^2 + a^{-16} + 3a^{-18}x^2 + a^{-20}x^2 - a^{-22}x^2 - a^{-22} - a^{-24} + a^{-26}$
$KBSM(\overline{5_{25}}) = a^{26} - 2a^{22}x^2 + 4a^{18}x^2 - a^{18} + a^{16}x^2 - a^{16} - 3a^{14}x^2 + a^{14} - a^{12}x^2 + a^{10}x^2 + a^{10} + a^8 - a^6x^2$
$KBSM(5_{26}) = -x + a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-16}x^3 - a^{-16}x + a^{-20}x$
$KBSM(\overline{5_{26}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - 2a^8x^3 + a^8x + a^4x^3 + a^4x - x$
$KBSM(5_{27}) = -x + a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-16}x^3 - a^{-16}x + a^{-20}x$
$KBSM(\overline{5_{27}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - 2a^8x^3 + a^8x + a^4x^3 + a^4x - x$
$KBSM(5_{28}) = a^{14}x^2 - 2a^{10}x^2 + 3a^6x^2 - a^6 - 3a^2x^2 + a^2 - x^2 + 1 + a^{-2}x^2 + a^{-2} + a^{-4} - a^{-6}$
$KBSM(\overline{5_{28}}) = -a^6 + 2a^2x^2 - 3a^{-2}x^2 + a^{-2} - a^{-4}x^2 + a^{-4} + 2a^{-6}x^2 + a^{-8} - 2a^{-10}x^2 + a^{-14}x^2$
$KBSM(5_{29}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 - a^{-10} + a^{-14}$
$KBSM(\overline{5_{29}}) = a^{14} - a^{10}x^2 - a^{10} + 2a^6x^2 - a^6 - 2a^2x^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$
$KBSM(5_{30}) = a^8x - a^4x + 2x - a^{-4}x^3 + a^{-8}x^3 - a^{-12}x$
$KBSM(\overline{5_{30}}) = -a^{12}x + a^8x^3 - a^4x^3 + 2x - a^{-4}x + a^{-8}x$
$KBSM(5_{31}) = a^8x - 2a^4x + x^3 + x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x^3 + a^{-8}x - a^{-12}x$
$KBSM(\overline{5_{31}}) = -a^{12}x + a^8x^3 + a^8x - 2a^4x^3 + a^4x + x^3 + x - 2a^{-4}x + a^{-8}x$
$KBSM(5_{32}) = a^8x - 2a^4x + x^3 - a^{-4}x^3 - a^{-4}x + a^{-8}x^3 - a^{-12}x$
$KBSM(\overline{5_{32}}) = -a^{12}x + a^8x^3 - a^4x^3 - a^4x + x^3 - 2a^{-4}x + a^{-8}x$
$KBSM(5_{33}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + a^{-2} + a^{-6}x^2 + a^{-6} - a^{-10}x^2 + a^{-14}$
$KBSM(\overline{5_{33}}) = a^{14} - a^{10}x^2 + a^6x^2 + a^6 - 2a^2x^2 + a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$
$KBSM(5_{34}) = -a^6x^2 + 3a^2x^2 - a^2 - 3a^{-2}x^2 + a^{-2} - a^{-4}x^2 + a^{-4} + 2a^{-6}x^2 + a^{-8} - a^{-10}x^2 - a^{-10} + a^{-14}$
$KBSM(\overline{5_{34}}) = a^{14} - a^{10}x^2 - a^{10} + 3a^6x^2 - a^6 - 3a^2x^2 + a^2 - x^2 + 1 + 2a^{-2}x^2 + a^{-4} - a^{-6}x^2$
$KBSM(5_{35}) = -a^{-6}x^2 + 2a^{-10}x^2 - a^{-10} - 3a^{-14}x^2 - a^{-16}x^2 + a^{-16} + 3a^{-18}x^2 - a^{-18} + a^{-20}x^2 - a^{-22}x^2 - a^{-22} - a^{-24} + a^{-26}$
$KBSM(\overline{5_{35}}) = a^{26} - 2a^{22}x^2 + 4a^{18}x^2 - 2a^{18} + a^{16}x^2 - a^{16} - 2a^{14}x^2 - a^{14} - a^{12}x^2 + a^{10}x^2 + a^8 - a^6x^2$
$KBSM(5_{36}) = -x + a^{-4}x^3 - a^{-8}x^3 - a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x^3 - a^{-16}x + a^{-20}x$
$KBSM(\overline{5_{36}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - a^{12}x - a^8x^3 - a^8x + a^4x^3 - x$
$KBSM(5_{37}) = a^{14}x^2 - 2a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-6}$
$KBSM(\overline{5_{37}}) = -a^6 + a^2x^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^2$
$KBSM(5_{38}) = -a^{-2} + a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 - a^{-12}x^2 + a^{-12} + a^{-14}x^2 + a^{-16}x^2 - a^{-20}$
$KBSM(\overline{5_{38}}) = -a^{18}x^2 + a^{18} + 2a^{14}x^2 - a^{14} + a^{12}x^2 - a^{12} - a^{10}x^2 - a^{10} - a^8x^2 + a^4 - a^2$
$KBSM(5_{39}) = -a^{12}x^3 + a^{12}x + 2a^8x^3 - 2a^8x - a^4x^3 + x^3 - x - a^{-4}x$
$KBSM(\overline{5_{39}}) = -a^4x + x^3 - x - a^{-4}x^3 + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x^3 + a^{-12}x$
$KBSM(5_{40}) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + a^{-12}x + a^{-16}x^3 - a^{-16}x - a^{-20}x^3 + a^{-20}x + a^{-24}x$
$KBSM(\overline{5_{40}}) = a^{24}x - a^{20}x^3 + a^{20}x + a^{16}x^3 - a^{16}x - a^{12}x^3 + a^{12}x + a^8x^3 - a^8x$
$KBSM(5_{41}) = a^{18} + a^{10}x^2 - a^{10} - a^6x^2 - a^4x^2 + a^4 + 1$
$KBSM(\overline{5_{41}}) = a^{-2}x^2 - a^{-2} - a^{-6}x^2 - a^{-8}x^2 + a^{-8} + a^{-12} + a^{-18}$
$KBSM(5_{42}) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-12}x^3 - a^{-16}x^3 + a^{-16}x + a^{-20}x$
$KBSM(\overline{5_{42}}) = a^{20}x - a^{16}x^3 + a^{16}x + a^{12}x^3 - a^8x^3 + a^4x^3 - a^4x$
$KBSM(5_{43}) = a^6x^2 - 2a^2x^2 + a^2 - x^2 + 1 + a^{-2}x^2 + a^{-4}x^2 - a^{-6} - a^{-8}x^2 + a^{-12}$
$KBSM(\overline{5_{43}}) = a^{10}x^2 - a^{10} - a^6x^2 - a^4x^2 + a^4 + a^2x^2 + x^2 - a^{-2}x^2 - a^{-4}x^2 + a^{-6} + a^{-8}$
$KBSM(5_{44}) = -x^3 + x + 3a^{-4}x^3 - 3a^{-4}x - 2a^{-8}x^3 + a^{-8}x + a^{-12}x^3 - a^{-12}x - a^{-16}x$
$KBSM(\overline{5_{44}}) = -a^{16}x + 2a^{12}x^3 - 2a^{12}x - 3a^8x^3 + 2a^8x + 2a^4x^3 - 2a^4x$
$KBSM(5_{45}) = -a^{10}x^2 + 3a^6x^2 - a^6 + a^4x^2 - a^4 - 3a^2x^2 + a^2 - 2x^2 + 1 + 2a^{-2} + a^{-4}x^2 + a^{-4} - a^{-8}$
$KBSM(\overline{5_{45}}) = -a^6x^2 + a^6 + 2a^2x^2 + x^2 - 1 - 3a^{-2}x^2 + a^{-2} - 2a^{-4}x^2 + a^{-4} + a^{-6}x^2 + a^{-6} + a^{-8}x^2 +$

$a^{-8}-a^{-10}-a^{-12}$

$KBSM(5_{46}) = -x^3+x+3a^{-4}x^3-2a^{-4}x-3a^{-8}x^3+3a^{-8}x+a^{-12}x^3-a^{-16}x$

$KBSM(\overline{5_{46}}) = -a^{16}x+2a^{12}x^3-a^{12}x-4a^8x^3+4a^8x+2a^4x^3-a^4x$

$KBSM(5_{47}) = -a^{10}x^2+4a^6x^2-2a^6+2a^4x^2-2a^4-3a^2x^2-3x^2+1+2a^{-2}+a^{-4}x^2+a^{-4}-2a^{-8}$

$KBSM(\overline{5_{47}}) = -a^6x^2+a^6+3a^2x^2-a^2+2x^2-2-3a^{-2}x^2-3a^{-4}x^2+a^{-4}+a^{-6}x^2+a^{-6}+a^{-8}x^2+a^{-8}-a^{-10}-2a^{-12}$

$KBSM(5_{48}) = a^4x^3-a^4x-2x^3+2x+2a^{-4}x^3-2a^{-4}x-a^{-8}x^3+a^{-8}x+a^{-12}x$

$KBSM(\overline{5_{48}}) = a^{12}x-2a^8x^3+2a^8x+3a^4x^3-3a^4x-x^3+x$

$KBSM(5_{49}) = a^{14}x^2-2a^{10}x^2+a^{10}-a^8x^2+a^8+2a^6x^2+a^4x^2-a^2x^2-a^2-x^2+a^{-4}$

$KBSM(\overline{5_{49}}) = a^2x^2-a^2-2a^{-2}x^2-a^{-4}x^2+a^{-4}+2a^{-6}x^2+a^{-8}x^2-a^{-10}x^2-a^{-12}x^2+a^{-14}+a^{-16}$

$KBSM(5_{50}) = -a^{-6}x^2+a^{-10}x^2-2a^{-14}x^2+a^{-14}+2a^{-18}x^2-a^{-22}x^2+a^{-26}$

$KBSM(\overline{5_{50}}) = a^{26}-a^{22}x^2+2a^{18}x^2-2a^{14}x^2+a^{14}+a^{10}x^2-a^6x^2$

$KBSM(5_{51}) = a^{-4}x-a^{-8}x+a^{-12}x^3+a^{-12}x-2a^{-16}x^3+a^{-16}x+a^{-20}x^3-a^{-24}x$

$KBSM(\overline{5_{51}}) = -a^{24}x+a^{20}x^3-2a^{16}x^3+a^{16}x+a^{12}x^3+a^{12}x-a^8x+a^4x$

$KBSM(5_{52}) = -a^{16}x+a^{12}x-a^8x+a^4x^3-x^3+x+a^{-4}x$

$KBSM(\overline{5_{52}}) = a^4x-x^3+x+a^{-4}x^3-a^{-8}x+a^{-12}x-a^{-16}x$

$KBSM(5_{53}) = a^{-2}x^2-2a^{-6}x^2+a^{-6}-a^{-8}x^2+a^{-8}+a^{-10}x^2+a^{-12}-a^{-14}x^2+a^{-18}x^2-a^{-22}$

$KBSM(\overline{5_{53}}) = -a^{22}+a^{18}x^2-a^{14}x^2+2a^{10}x^2-a^{10}-2a^6x^2+a^6-a^4x^2+a^4+a^2+1$

$KBSM(5_{54}) = a^{20}x-a^{16}x^3+a^{12}x^3+a^{12}x-a^8x^3+a^4x^3-x$

$KBSM(\overline{5_{54}}) = -x+a^{-4}x^3-a^{-8}x^3+a^{-12}x^3+a^{-12}x-a^{-16}x^3+a^{-20}x$

$KBSM(5_{55}) = -a^{18}x^2+3a^{14}x^2-a^{14}+a^{12}x^2-a^{12}-3a^{10}x^2+a^{10}-a^8x^2+a^6x^2+a^6+a^4-a^2x^2+a^{-2}$

$KBSM(\overline{5_{55}}) = a^2-a^{-2}x^2+2a^{-6}x^2-4a^{-10}x^2+2a^{-10}-a^{-12}x^2+a^{-12}+2a^{-14}x^2+a^{-16}x^2-a^{-18}-a^{-20}$

$KBSM(5_{56}) = a^{14}x^2-2a^{10}x^2+a^{10}+2a^6x^2-2a^2x^2-x^2+1+a^{-2}x^2+a^{-4}-a^{-6}$

$KBSM(\overline{5_{56}}) = -a^6+2a^2x^2-a^2-2a^{-2}x^2-a^{-4}x^2+a^{-4}+a^{-6}x^2+a^{-6}+a^{-8}-2a^{-10}x^2+a^{-10}+a^{-14}x^2$

$KBSM(5_{57}) = -a^{-2}x^2+a^{-6}x^2-a^{-10}x^2+a^{-14}x^2-a^{-18}x^2+a^{-18}+a^{-22}$

$KBSM(\overline{5_{57}}) = a^{22}-a^{18}x^2+a^{18}+a^{14}x^2-a^{10}x^2+a^6x^2-a^2x^2$

$KBSM(5_{58}) = -a^4x+x^3-a^{-4}x^3+a^{-8}x^3-a^{-12}x^3+a^{-12}x+a^{-16}x$

$KBSM(\overline{5_{58}}) = a^{16}x-a^{12}x^3+a^{12}x+a^8x^3-a^4x^3+x^3-a^{-4}x$

$KBSM(5_{59}) = a^2x^2-3a^{-2}x^2+a^{-2}-a^{-4}x^2+a^{-4}+3a^{-6}x^2+a^{-8}x^2-2a^{-10}x^2-a^{-12}x^2+a^{-14}x^2+a^{-16}-a^{-18}$

$KBSM(\overline{5_{59}}) = -a^{18}+2a^{14}x^2-a^{14}-3a^{10}x^2+a^{10}-a^8x^2+a^8+3a^6x^2+a^4x^2-2a^2x^2-x^2+a^{-2}+a^{-4}$

$KBSM(5_{60}) = a^8x-a^4x^3+2x^3-2a^{-4}x^3+a^{-4}x+a^{-8}x^3-a^{-12}x$

$KBSM(\overline{5_{60}}) = -a^{12}x+a^8x^3-2a^4x^3+a^4x+2x^3-a^{-4}x^3+a^{-8}x$

$KBSM(5_{61}) = a^2x^2-4a^{-2}x^2+a^{-2}-a^{-4}x^2+a^{-4}+4a^{-6}x^2-a^{-6}+2a^{-8}x^2-a^{-8}-2a^{-10}x^2-a^{-10}-a^{-12}x^2-a^{-12}+a^{-14}x^2+a^{-16}-a^{-18}$

$KBSM(\overline{5_{61}}) = -a^{18}+2a^{14}x^2-a^{14}-4a^{10}x^2+a^{10}-a^8x^2+a^8+4a^6x^2-a^6+2a^4x^2-a^4-2a^2x^2-a^2-x^2-1+a^{-2}+a^{-4}$

$KBSM(5_{62}) = a^8x-2a^4x^3+5x^3-4x-3a^{-4}x^3+a^{-4}x+a^{-8}x^3-a^{-12}x$

$KBSM(\overline{5_{62}}) = -a^{12}x+2a^8x^3-a^8x-4a^4x^3+2a^4x+4x^3-3x-a^{-4}x^3-a^{-4}x+a^{-8}x$

$KBSM(5_{63}) = -a^6x^2+3a^2x^2-a^2+x^2-1-4a^{-2}x^2+a^{-2}-2a^{-4}x^2+a^{-4}+2a^{-6}x^2+a^{-6}+a^{-8}x^2+a^{-8}-a^{-10}x^2-a^{-12}+a^{-14}$

$KBSM(\overline{5_{63}}) = a^{14}-2a^{10}x^2+a^{10}+4a^6x^2-a^6+a^4x^2-a^4-4a^2x^2+a^2-2x^2+1+a^{-2}x^2+a^{-2}+a^{-4}x^2+a^{-4}-a^{-6}-a^{-8}$

$KBSM(5_{64}) = a^8x-2a^4x^3+a^4x+4x^3-2x-3a^{-4}x^3+2a^{-4}x+a^{-8}x^3-a^{-12}x$

$KBSM(\overline{5_{64}}) = -a^{12}x+2a^8x^3-a^8x-4a^4x^3+3a^4x+3x^3-x-a^{-4}x^3+a^{-8}x$

$KBSM(5_{65}) = -a^6x^2+5a^2x^2-2a^2+2x^2-2-6a^{-2}x^2+a^{-2}-4a^{-4}x^2+2a^{-4}+3a^{-6}x^2+a^{-6}+2a^{-8}x^2+a^{-8}-a^{-10}x^2-a^{-10}-3a^{-12}+a^{-14}$

$KBSM(\overline{5_{65}}) = a^{14}-3a^{10}x^2+a^{10}+7a^6x^2-3a^6+3a^4x^2-3a^4-5a^2x^2-4x^2+1+a^{-2}x^2+2a^{-2}+a^{-4}x^2+2a^{-4}-a^{-6}-2a^{-8}$

$KBSM(5_{66}) = a^{10}x^2-2a^6x^2+a^6-a^4x^2+a^4+2a^2x^2+x^2-2a^{-2}x^2-a^{-4}x^2+a^{-6}x^2+a^{-8}-a^{-10}$

$KBSM(\overline{5_{66}}) = -a^{10} + 2a^6x^2 - a^6 - 3a^2x^2 + a^2 - x^2 + 1 + 2a^{-2}x^2 + a^{-4}x^2 - a^{-6}x^2 - a^{-8}x^2 + a^{-10} + a^{-12}$

$KBSM(5_{67}) = -a^{-6}x^2 + a^{-6} - a^{-8}x^2 + a^{-8} + a^{-10}x^2 + a^{-12}x^2 - a^{-14} - a^{-16}x^2 + a^{-20}$

$KBSM(\overline{5_{67}}) = a^{18}x^2 - a^{18} - a^{14}x^2 - a^{12}x^2 + a^{12} + a^{10}x^2 + a^8x^2 - a^4x^2 - a^2x^2 + a^2 + 1$

$KBSM(5_{68}) = -a^8x^3 + a^8x + 2a^4x^3 - 3a^4x - a^{-4}x$

$KBSM(\overline{5_{68}}) = a^4x^3 - 2a^4x - x^3 + x + a^{-4}x^3 - 2a^{-4}x$

$KBSM(5_{69}) = a^{-2}x^2 - a^{-2} + a^{-4}x^2 - a^{-4} - a^{-6}x^2 - 2a^{-8}x^2 + a^{-8} + a^{-10} + a^{-12}x^2 - 2a^{-16}$

$KBSM(\overline{5_{69}}) = -a^{14}x^2 + a^{14} + 2a^{10}x^2 - a^{10} + 2a^8x^2 - 2a^8 - a^6 - 2a^4x^2 - a^2x^2 + a^2 + 1 - a^{-4}$

$KBSM(5_{70}) = a^{12}x^3 - a^{12}x - 2a^8x^3 + 2a^8x + a^4x^3 - a^4x + x$

$KBSM(\overline{5_{70}}) = -x^3 + 2x + 2a^{-4}x^3 - 2a^{-4}x - a^{-8}x^3 + a^{-8}x$

$KBSM(5_{71}) = a^8x^2 - a^8 - a^4x^2 - a^2x^2 + 1 + a^{-2}x^2 - a^{-2} - a^{-6}$

$KBSM(\overline{5_{71}}) = -a^6 + a^2x^2 - a^2 - a^{-2} - a^{-6}x^2 + a^{-6} - a^{-8}x^2 + a^{-8} - a^{-10}x^2 + a^{-10} + a^{-12}x^2 + a^{-14}x^2 - a^{-14} - a^{-16}$

$KBSM(5_{72}) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + 2a^{-12}x$

$KBSM(\overline{5_{72}}) = a^{16}x^3 - a^{16}x - 2a^{12}x^3 + 3a^{12}x + a^4x^3 - a^4x$

$KBSM(5_{73}) = a^6x^2 + a^4x^2 - a^4 - a^2x^2 - x^2 - a^{-8}$

$KBSM(\overline{5_{73}}) = a^2x^2 - a^2 + x^2 - 1 - a^{-2}x^2 - a^{-4}x^2 + a^{-6} - a^{-12}$

$KBSM(\overline{5_{74}}) = -a^{22} + a^{18}x^2 - a^8x^2 + a^8 - a^6x^2 + a^6 + a^4$

$KBSM(\overline{5_{75}}) = a^2 - a^{-6}x^2 + a^{-6} - a^{-8}x^2 + a^{-8} - a^{-10}x^2 + a^{-10} + a^{-12}x^2 + a^{-14}x^2 - a^{-14} - a^{-16}$

$KBSM(\overline{5_{76}}) = a^4x^3 - 2a^4x - x^3 + x + a^{-4}x^3 - 2a^{-4}x$

$KBSM(5_{77}) = -a^6x^2 + a^6 + 2a^2x^2 - a^2 - a^{-2}x^2 - a^{-4}x^2 + a^{-4} + a^{-6} + a^{-8} - a^{-10}$

$KBSM(\overline{5_{77}}) = -a^{10} + a^6x^2 - a^2x^2 - x^2 + 1 + a^{-2}x^2 + a^{-4} - a^{-6}x^2 + a^{-6}$

$KBSM(5_{78}) = a^4x^3 - 2a^4x - x^3 + 2x + a^{-8}x$

$KBSM(\overline{5_{78}}) = a^8x - x^3 + 2x + a^{-4}x^3 - 2a^{-4}x$

$KBSM(5_{79}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} - a^{-16}x^2 + a^{-16} + a^{-18}x^2 + a^{-18} + a^{-20}x^2 - a^{-22} - a^{-24}$

$KBSM(\overline{5_{79}}) = -a^{22}x^2 + 2a^{18}x^2 + a^{16}x^2 - a^{16} - a^{14}x^2 - a^{12}x^2 + a^{10} + a^8 - a^6x^2 + a^6$

$KBSM(5_{80}) = a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^2 - x^2 + 1 + a^{-2} + a^{-4}$

$KBSM(\overline{5_{80}}) = a^2x^2 - a^{-2}x^2 - a^{-4}x^2 + a^{-4} + a^{-6} + a^{-8} - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$

$KBSM(5_{81}) = -a^{-12}x^2 + a^{-12} - a^{-14}x^2 + a^{-16} + 2a^{-18}x^2 - a^{-18} - a^{-22}x^2 + a^{-26}$

$KBSM(\overline{5_{81}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - a^{18} - a^{14} - a^8x^2 + a^8 - a^6x^2 + a^6 + a^4$

$KBSM(5_{82}) = -a^{-6}x^2 - a^{-8}x^2 + a^{-8} + 2a^{-10}x^2 - a^{-10} + a^{-12}x^2 - a^{-14}x^2 - a^{-16}x^2 + a^{-18} + a^{-20}$

$KBSM(\overline{5_{82}}) = a^{18}x^2 - 2a^{14}x^2 + a^{14} - a^{12}x^2 + a^{12} + 2a^{10}x^2 - a^{10} + a^8x^2 - a^6 - a^4x^2 - a^2x^2 + a^2 + 1$

$KBSM(5_{83}) = -a^4x^3 + a^4x + 2x^3 - x - a^{-4}x^3 + a^{-4}x$

$KBSM(\overline{5_{83}}) = a^8x^3 - a^8x - 2a^4x^3 + 2a^4x + x^3$

$KBSM(5_{84}) = a^{-2}x^2 + a^{-4}x^2 - a^{-4} - 2a^{-6}x^2 + a^{-6} - 2a^{-8}x^2 + a^{-8} + a^{-10}x^2 + a^{-12}x^2 - a^{-14} - 2a^{-16}$

$KBSM(\overline{5_{84}}) = -a^{14}x^2 + 3a^{10}x^2 - 2a^{10} + 2a^8x^2 - 2a^8 - a^6x^2 - 2a^4x^2 - a^2x^2 + 2a^2 + 1 - a^{-4}$

$KBSM(\overline{5_{85}}) = a^{12}x^2 - a^{12} + a^{10}x^2 - a^{10} - a^8 - a^4x^2 - a^2x^2 + a^2$

$KBSM(5_{86}) = a^{14} - a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-2} - a^{-6}$

$KBSM(\overline{5_{86}}) = -a^6 + a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 + a^{-14}$

$KBSM(5_{87}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18} + a^{-26}$

$KBSM(\overline{5_{87}}) = a^{26} + a^{18} - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2 + a^6$

$KBSM(5_{88}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + a^{-18}x^2 - a^{-22} + a^{-26}$

$KBSM(\overline{5_{88}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2 + a^6$

$KBSM(5_{89}) = -a^{-6}x^2 + 2a^{-10}x^2 - 2a^{-10} - 2a^{-14}x^2 + a^{-18}x^2 - a^{-22} + a^{-26}$

$KBSM(\overline{5_{89}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + 2a^{10}x^2 - 2a^{10} - a^6x^2$

$KBSM(5_{90}) = -a^{-2} + a^{-6} - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}x^2 + a^{-22}x^2 - a^{-22}$

$KBSM(\overline{5_{90}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6 - a^2$

$KBSM(5_{91}) = -a^{-2} - a^{-10} - a^{-18}x^2 + a^{-18} + a^{-22}x^2 - a^{-22}$

$KBSM(\overline{5_{91}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{18} - a^{10} - a^2$

$KBSM(5_{92}) = a^{-4}x - 2a^{-8}x + a^{-12}x^3 + a^{-12}x - a^{-16}x^3 + 2a^{-20}x - a^{-24}x$

$KBSM(\overline{5_{92}}) = -a^{24}x + 2a^{20}x - a^{16}x^3 + a^{12}x^3 + a^{12}x - 2a^8x + a^4x$
$KBSM(5_{93}) = -a^{-10}x^2 + a^{-10} + a^{-30}$
$KBSM(\overline{5_{93}}) = a^{30} - a^{10}x^2 + a^{10}$
$KBSM(5_{94}) = -a^{-6} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}x^2 + a^{-26}x^2 - a^{-26}$
$KBSM(\overline{5_{94}}) = a^{26}x^2 - a^{26} - a^{22}x^2 + a^{18}x^2 - a^{14}x^2 - a^6$
$KBSM(5_{95}) = -a^{-6} - a^{-14}x^2 - a^{-14} + 2a^{-18}x^2 - a^{-18} - 2a^{-22}x^2 + a^{-22} + a^{-26}x^2$
$KBSM(\overline{5_{95}}) = a^{26}x^2 - 2a^{22}x^2 + a^{22} + 2a^{18}x^2 - a^{18} - a^{14}x^2 - a^{14} - a^6$

2.8 Knots in $L(7,1)$

$KBSM(0_1) = x$
$KBSM(1_1) = -a^{-2}x^2 + a^{-2} + a^{-6}$
$KBSM(\overline{1_1}) = a^6 - a^2x^2 + a^2$
$KBSM(2_1) = -a^{-2}x^2 + a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{2_1}) = -a^{10} + a^6x^2 - a^6 - a^2x^2$
$KBSM(*2_2) = -a^4x + x^3 - x - a^{-4}x$
$KBSM(2_3) = a^{-4}x^3 - 2a^{-4}x - a^{-8}x$
$KBSM(\overline{2_3}) = -a^8x + a^4x^3 - 2a^4x$
$KBSM(3_1) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-8}x + a^{-12}x$
$KBSM(\overline{3_1}) = a^{12}x - a^8x^3 + a^8x + a^4x^3 - a^4x$
$KBSM(3_2) = a^6x^2 - a^2x^2 - ax^3 + 2ax + a^{-3}x$
$KBSM(\overline{3_2}) = a^2x^2 - a^2 - a^{-2}x^2 - a^{-3}x^3 + 2a^{-3}x + a^{-6} + a^{-7}x$
$KBSM(3_3) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{3_3}) = a^{14} - a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2$
$KBSM(3_4) = -a^4x + x^3 - a^{-4}x^3 + a^{-4}x + a^{-8}x$
$KBSM(\overline{3_4}) = a^8x - a^4x^3 + a^4x + x^3 - a^{-4}x$
$KBSM(3_5) = a^2x^2 - 2a^{-2}x^2 + a^{-2} - a^{-3}x^3 + 2a^{-3}x + a^{-6}x^2 + a^{-7}x - a^{-10}$
$KBSM(\overline{3_5}) = -a^{10} + 2a^6x^2 - a^6 - 2a^2x^2 + a^2 - ax^3 + 2ax + a^{-2} + a^{-3}x$
$KBSM(\overline{3_6}) = a^{10}x^2 - a^{10} - a^5x^3 + 2a^5x - a^2x^2 + a^2 + ax$
$KBSM(3_7) = -a^{-6}x^2 + a^{-6} + a^{-18}$
$KBSM(\overline{3_7}) = a^{18} - a^6x^2 + a^6$
$KBSM(3_8) = -a^{-2} - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(\overline{3_8}) = a^{14}x^2 - a^{14} - a^{10}x^2 - a^2$
$KBSM(4_1) = -a^{-6}x^2 + a^{-6} - a^{-7}x^3 + 2a^{-7}x + a^{-10} + a^{-11}x^3 - a^{-11}x - a^{-15}x$
$KBSM(\overline{4_1}) = -a^{14}x^2 + a^{14} + a^{10}x^2 + a^9x^3 - 2a^9x - a^5x^3 + a^5x - a^2x^2 + a^2 + ax$
$KBSM(4_2) = -a^8x^3 + a^8x + a^4x^3 - a^4x + ax^2 - a - a^{-3}$
$KBSM(\overline{4_2}) = -x^3 + 2x + a^{-4}x^3 - a^{-4}x + a^{-7}x^2 - a^{-7} - a^{-8}x - a^{-11}$
$KBSM(4_3) = a^{-4}x^3 - 2a^{-8}x^3 + 2a^{-8}x + a^{-12}x^3 - a^{-16}x$
$KBSM(\overline{4_3}) = -a^{16}x + a^{12}x^3 - 2a^8x^3 + 2a^8x + a^4x^3$
$KBSM(4_4) = a^2x^2 - 3a^{-2}x^2 + 2a^{-2} - a^{-3}x^3 + 2a^{-3}x + a^{-6}x^2 + a^{-6} + a^{-7}x^3 - a^{-7}x - a^{-10} - a^{-11}x$
$KBSM(\overline{4_4}) = -a^{10}x^2 + 2a^6x^2 + a^5x^3 - 2a^5x - 2a^2x^2 + a^2 - ax^3 + ax + a^{-2} + a^{-3}x$
$KBSM(4_5) = -a^4x^3 + 2x^3 - x + a^{-3}x^2 - a^{-3} - a^{-4}x^3 - a^{-7} + a^{-8}x$
$KBSM(\overline{4_5}) = a^8x - 2a^4x^3 + 2a^4x + 2x^3 - x + a^{-3}x^2 - a^{-3} - 2a^{-4}x - a^{-7}$
$KBSM(4_6) = -a^{-6}x^2 + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{4_6}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2$
$KBSM(4_7) = a^{-4}x - a^{-8}x + a^{-12}x^3 - a^{-16}x^3 + a^{-20}x$
$KBSM(\overline{4_7}) = a^{20}x - a^{16}x^3 + a^{12}x^3 - a^8x + a^4x$
$KBSM(4_8) = -a^{16}x + a^{12}x - a^8x + a^4x^3 - a^4x - x$
$KBSM(\overline{4_8}) = -x + a^{-4}x^3 - a^{-4}x - a^{-8}x + a^{-12}x - a^{-16}x$

$KBSM(4_9) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2 + a^{-2}$
$KBSM(\overline{4_9}) = a^2 - a^{-2}x^2 + a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2$
$KBSM(4_{10}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{4_{10}}) = -a^{18} + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^2$
$KBSM(4_{11}) = -a^4x + x^3 - a^{-4}x^3 + a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(\overline{4_{11}}) = -a^{12}x + a^8x^3 - a^8x - a^4x^3 + x^3 - a^{-4}x$
$KBSM(4_{12}) = a^2x^2 - 3a^{-2}x^2 + a^{-2} - a^{-3}x^3 + 2a^{-3}x + 2a^{-6}x^2 + a^{-7}x^3 - a^{-7}x - a^{-10}x^2 - a^{-11}x + a^{-14}$
$KBSM(\overline{4_{12}}) = a^{14} - 2a^{10}x^2 + a^{10} + 3a^6x^2 - a^6 + a^5x^3 - 2a^5x - 2a^2x^2 - ax^3 + ax + a^{-2} + a^{-3}x$
$KBSM(*4_{13}) = a^8x - a^4x^3 + 2x^3 - x - a^{-4}x^3 + a^{-8}x$
$KBSM(*4_{14}) = a^8x - 2a^4x^3 + a^4x + 3x^3 - 2x + a^{-3}x^2 - a^{-3} - a^{-4}x^3 - a^{-4}x - a^{-7} + a^{-8}x$
$KBSM(4_{15}) = -a^6x^2 + 2a^2x^2 - a^2 + ax^3 - 2ax - 2a^{-2}x^2 - a^{-3}x^3 + a^{-3}x + a^{-6}x^2 + a^{-7}x - a^{-10}$
$KBSM(\overline{4_{15}}) = -a^{10} + 2a^6x^2 - a^6 - 3a^2x^2 + a^2 - ax^3 + 2ax + a^{-2}x^2 + a^{-3}x^3 - a^{-3}x - a^{-6} - a^{-7}x$
$KBSM(4_{16}) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-12}x^3 - a^{-12}x - a^{-16}x$
$KBSM(\overline{4_{16}}) = -a^{16}x + a^{12}x^3 - a^{12}x - a^8x^3 + a^4x^3 - a^4x$
$KBSM(4_{17}) = a^6x^2 - 2a^2x^2 + a^2 - ax^3 + 2ax + a^{-2} + a^{-3}x^3 - a^{-3}x - a^{-7}x$
$KBSM(\overline{4_{17}}) = -a^6x^2 + a^6 + a^2x^2 + ax^3 - 2ax - a^{-2}x^2 - a^{-3}x^3 + a^{-3}x + a^{-6} + a^{-7}x$
$KBSM(4_{18}) = -x^3 + x + 2a^{-4}x^3 - 2a^{-4}x + a^{-7}x^2 - a^{-7} - a^{-8}x^3 - a^{-11} + a^{-12}x$
$KBSM(\overline{4_{18}}) = a^{12}x - 2a^8x^3 + 2a^8x + 2a^4x^3 - 2a^4x + ax^2 - a - x - a^{-3}$
$KBSM(4_{19}) = -a^{10}x^2 + 2a^6x^2 - a^6 + a^5x^3 - 2a^5x - a^2x^2 - a^2 - ax^3 + ax + a^{-3}x$
$KBSM(\overline{4_{19}}) = a^2x^2 - a^2 - 2a^{-2}x^2 - a^{-3}x^3 + 2a^{-3}x + a^{-6}x^2 + a^{-7}x^3 - a^{-7}x - a^{-10} - a^{-11}x$
$KBSM(4_{20}) = -a^{-6}x^2 - a^{-7}x^3 + 2a^{-7}x + a^{-10}x^2 - a^{-10} + a^{-11}x^3 - a^{-11}x - a^{-14} - a^{-15}x$
$KBSM(\overline{4_{20}}) = -a^{14}x^2 + 2a^{10}x^2 - 2a^{10} + a^9x^3 - 2a^9x - a^6 - a^5x^3 + a^5x - a^2x^2 + a^2 + ax$
$KBSM(*4_{21}) = -a^4x^3 + a^4x + x^3 + a^{-3}x^2 - a^{-3} - a^{-4}x - a^{-7}$
$KBSM(4_{22}) = a^{-8}x^3 - 2a^{-8}x - a^{-16}x$
$KBSM(\overline{4_{22}}) = -a^{16}x + a^8x^3 - 2a^8x$
$KBSM(4_{23}) = -a^{12}x^3 + 2a^{12}x + a^8x^3 - a^8x$
$KBSM(\overline{4_{23}}) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(\overline{4_{24}}) = -a^{12}x^3 + 2a^{12}x + a^5x^2 - a^5 + a^4x^3 - 2a^4x - a$
$KBSM(4_{25}) = -a^6x^2 + a^6 + a^2x^2 - a^2 - a^{-2} - a^{-10}$
$KBSM(\overline{4_{25}}) = -a^{10} - a^2 + a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(4_{26}) = -a^6x^2 + a^6 + a^2x^2 - a^{-2}x^2 + a^{-2} + a^{-6} - a^{-10}$
$KBSM(\overline{4_{26}}) = -a^{10} + a^6 - a^2x^2 + a^2 + a^{-2}x^2 - a^{-6}x^2 + a^{-6}$
$KBSM(*4_{27}) = a^8x - 2a^4x + x^3 - x - 2a^{-4}x + a^{-8}x$
$KBSM(5_1) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(\overline{5_1}) = -a^{12}x^3 + 2a^{12}x + a^8x^3 - a^8x$
$KBSM(5_2) = a^{-6} - 2a^{-10}x^2 + a^{-10} - a^{-11}x^3 + 2a^{-11}x + a^{-14}x^2 + a^{-15}x^3 - a^{-15}x - a^{-19}x$
$KBSM(\overline{5_2}) = -a^{18}x^2 + a^{18} + 2a^{14}x^2 - a^{14} + a^{13}x^3 - 2a^{13}x - a^{10}x^2 - a^9x^3 + a^9x - a^6x^2 + 2a^6 + a^5x$
$KBSM(5_3) = -a^{12}x^3 + a^{12}x + 2a^8x^3 - 2a^8x - a^4x^3 + a^4x + x$
$KBSM(\overline{5_3}) = x - a^{-4}x^3 + a^{-4}x + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x^3 + a^{-12}x$
$KBSM(5_4) = a^{14}x^2 - a^{14} - a^6x^2 + a^6 - a^5x^3 + 2a^5x + ax$
$KBSM(\overline{5_4}) = a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6} - a^{-7}x^3 + 2a^{-7}x - a^{-10}x^2 + a^{-10} + a^{-11}x + a^{-14}x^2 - a^{-14}$
$KBSM(5_5) = a^{-8}x^3 - 2a^{-8}x + a^{-11}x^2 - a^{-11} - a^{-12}x - a^{-15}x^2 + a^{-19}$
$KBSM(\overline{5_5}) = a^{16}x^3 - 2a^{16}x - a^{12}x^3 + a^{12}x - a^9x^2 + a^9 + a^5x^2 + a^4x^3 - 2a^4x - a$
$KBSM(5_6) = a^{10}x^2 - a^{10} + a^9x^3 - 2a^9x - a^5x^3 + a^5x - a^2x^2 + a^2$
$KBSM(5_7) = -2a^{-6}x^2 + a^{-6} - a^{-7}x^3 + 2a^{-7}x + 2a^{-10}x^2 - a^{-10} + 2a^{-11}x^3 - 3a^{-11}x - 2a^{-14} - a^{-15}x^3 + a^{-19}x$
$KBSM(\overline{5_7}) = a^{18}x^2 - a^{18} - 2a^{14}x^2 - a^{13}x^3 + 2a^{13}x + 2a^{10}x^2 - a^{10} + 2a^9x^3 - 3a^9x - a^6 - a^5x^3 - a^2x^2 + a^2 + ax$
$KBSM(5_8) = -x^3 + x + 3a^{-4}x^3 - 4a^{-4}x + a^{-7}x^2 - a^{-7} - a^{-8}x^3 - a^{-8}x - a^{-11}x^2 + a^{-12}x + a^{-15}$
$KBSM(\overline{5_8}) = a^{12}x^3 - a^{12}x - 2a^8x^3 + a^8x - a^5x^2 + a^5 + 2a^4x^3 - 2a^4x + ax^2 - x - a^{-3}$
$KBSM(5_9) = 2a^6x^2 - a^6 + a^5x^3 - 2a^5x - 2a^2x^2 - 2ax^3 + 3ax + a^{-2} + a^{-3}x^3 - a^{-3}x - a^{-7}x$

$KBSM(\overline{5_9}) = -a^6x^2 + a^6 + 2a^2x^2 - a^2 + 2ax^3 - 4ax - a^{-2}x^2 - a^{-2} - 2a^{-3}x^3 + 2a^{-3}x + a^{-6} + a^{-7}x$
$KBSM(5_{10}) = a^{-4}x^3 - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x^3 + a^{-20}x$
$KBSM(\overline{5_{10}}) = a^{20}x - a^{16}x^3 + 2a^{12}x^3 - a^{12}x - 2a^8x^3 + a^8x + a^4x^3$
$KBSM(5_{11}) = a^2x^2 - 4a^{-2}x^2 + 2a^{-2} - a^{-3}x^3 + 2a^{-3}x + 3a^{-6}x^2 + 2a^{-7}x^3 - 3a^{-7}x - a^{-10}x^2 - a^{-10} - a^{-11}x^3 + a^{-14} + a^{-15}x$
$KBSM(\overline{5_{11}}) = a^{14}x^2 - 3a^{10}x^2 + a^{10} - a^9x^3 + 2a^9x + 3a^6x^2 + 2a^5x^3 - 3a^5x - 2a^2x^2 - ax^3 + a^{-2} + a^{-3}x$
$KBSM(5_{12}) = -x^3 + 4a^{-4}x^3 - 4a^{-4}x + a^{-7}x^2 - a^{-7} - 3a^{-8}x^3 + a^{-8}x - a^{-11}x^2 + a^{-12}x^3 + a^{-12}x + a^{-15} - a^{-16}x$
$KBSM(\overline{5_{12}}) = -a^{16}x + 2a^{12}x^3 - a^{12}x - 4a^8x^3 + 3a^8x - a^5x^2 + a^5 + 3a^4x^3 - 2a^4x + ax^2 - 2x - a^{-3}$
$KBSM(5_{13}) = -a^6x^2 + 3a^2x^2 - 2a^2 + ax^3 - 2ax - 3a^{-2}x^2 - 2a^{-3}x^3 + 3a^{-3}x + a^{-6}x^2 + a^{-6} + a^{-7}x^3 - a^{-10} - a^{-11}x$
$KBSM(\overline{5_{13}}) = -a^{10}x^2 + 3a^6x^2 - a^6 + a^5x^3 - 2a^5x - 3a^2x^2 - 2ax^3 + 3ax + a^{-2}x^2 + a^{-3}x^3 - a^{-6} - a^{-7}x$
$KBSM(5_{14}) = -a^4x^3 + 3x^3 - 2x + a^{-3}x^2 - a^{-3} - 2a^{-4}x^3 - a^{-7}x^2 + a^{-8}x^3 + a^{-11} - a^{-12}x$
$KBSM(\overline{5_{14}}) = -a^{12}x + 2a^8x^3 - 2a^8x - 3a^4x^3 + 2a^4x - ax^2 + a + 2x^3 + a^{-3}x^2 - 2a^{-4}x - a^{-7}$
$KBSM(5_{15}) = -a^{10}x^2 + 4a^6x^2 - a^6 + 2a^5x^3 - 4a^5x - 4a^2x^2 + a^2 - 3ax^3 + 4ax + a^{-2}x^2 + a^{-2} + a^{-3}x^3 - a^{-6} - a^{-7}x$
$KBSM(\overline{5_{15}}) = -a^6x^2 + 4a^2x^2 - 2a^2 + 2ax^3 - 4ax - 4a^{-2}x^2 + a^{-2} - 3a^{-3}x^3 + 4a^{-3}x + a^{-6}x^2 + 2a^{-6} + a^{-7}x^3 - a^{-10} - a^{-11}x$
$KBSM(5_{16}) = a^8x^3 - 3a^4x^3 + 2a^4x - ax^2 + a + 3x^3 - x + a^{-3}x^2 - a^{-4}x^3 - a^{-4}x - a^{-7} + a^{-8}x$
$KBSM(\overline{5_{16}}) = a^8x - 2a^4x^3 + a^4x + 4x^3 - 3x + a^{-3}x^2 - a^{-3} - 2a^{-4}x^3 - a^{-7}x^2 + 2a^{-8}x + a^{-11}$
$KBSM(5_{17}) = a^{14}x^2 - 2a^{10}x^2 - a^9x^3 + 2a^9x + 3a^6x^2 - a^6 + a^5x^3 - a^5x - 2a^2x^2 - ax^3 + ax + a^{-2} + a^{-3}x$
$KBSM(\overline{5_{17}}) = a^2x^2 - 3a^{-2}x^2 + a^{-2} - a^{-3}x^3 + 2a^{-3}x + 3a^{-6}x^2 - a^{-6} + a^{-7}x^3 - a^{-7}x - a^{-10}x^2 - a^{-10} - a^{-11}x^3 + a^{-11}x + a^{-14} + a^{-15}x$
$KBSM(5_{18}) = -2a^{-6}x^2 + a^{-6} - a^{-7}x^3 + 2a^{-7}x + 2a^{-10}x^2 + 2a^{-11}x^3 - 3a^{-11}x - a^{-14}x^2 - a^{-15}x^3 + a^{-18} + a^{-19}x$
$KBSM(\overline{5_{18}}) = a^{18}x^2 - 3a^{14}x^2 + 2a^{14} - a^{13}x^3 + 2a^{13}x + 2a^{10}x^2 + 2a^9x^3 - 3a^9x - a^6 - a^5x^3 - a^2x^2 + a^2 + ax$
$KBSM(5_{19}) = -a^4x^3 + 3x^3 - 3x + a^{-3}x^2 - a^{-3} - a^{-4}x^3 - a^{-4}x - a^{-7}x^2 + a^{-8}x + a^{-11}$
$KBSM(\overline{5_{19}}) = a^8x^3 - a^8x - 2a^4x^3 + a^4x - ax^2 + a + 2x^3 - x + a^{-3}x^2 - 2a^{-4}x - a^{-7}$
$KBSM(5_{20}) = 2a^2x^2 - a^2 + ax^3 - 2ax - 3a^{-2}x^2 + a^{-2} - 2a^{-3}x^3 + 3a^{-3}x + a^{-6}x^2 + a^{-6} + a^{-7}x^3 - a^{-7}x - a^{-10} - a^{-11}x$
$KBSM(\overline{5_{20}}) = -a^{10}x^2 + 3a^6x^2 - a^6 + 2a^5x^3 - 4a^5x - 2a^2x^2 - 2ax^3 + 2ax + a^{-2} + a^{-3}x$
$KBSM(5_{21}) = a^{12}x^3 - 3a^8x^3 + 3a^8x - a^5x^2 + a^5 + 2a^4x^3 - a^4x + ax^2 - x - a^{-3}$
$KBSM(\overline{5_{21}}) = -x^3 + x + 3a^{-4}x^3 - 3a^{-4}x + a^{-7}x^2 - a^{-7} - 2a^{-8}x^3 + a^{-8}x - a^{-11}x^2 + 2a^{-12}x + a^{-15}$
$KBSM(5_{22}) = -a^6x^2 + 2a^2x^2 - a^2 + ax^3 - 2ax - 2a^{-2}x^2 + a^{-2} - a^{-3}x^3 + a^{-3}x + 2a^{-6} + a^{-7}x$
$KBSM(\overline{5_{22}}) = a^6x^2 + a^6 - 3a^2x^2 + 2a^2 - ax^3 + 2ax + a^{-2}x^2 + a^{-3}x^3 - a^{-3}x - a^{-6} - a^{-7}x$
$KBSM(5_{23}) = -a^{12}x + a^8x^3 - a^8x - a^4x^3 + a^4x + 2x$
$KBSM(\overline{5_{23}}) = 2x - a^{-4}x^3 + a^{-4}x + a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(5_{24}) = a^{-6} - a^{-7}x^3 + 2a^{-7}x - a^{-10}x^2 + a^{-10} + a^{-11}x + a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{5_{24}}) = -a^{18} + a^{14}x^2 - a^{14} + a^6 - a^5x^3 + 2a^5x - a^2x^2 + a^2 + ax$
$KBSM(5_{25}) = -a^{-6}x^2 + 2a^{-10}x^2 - 4a^{-14}x^2 + 2a^{-14} - a^{-15}x^3 + 2a^{-15}x + 3a^{-18}x^2 + a^{-19}x^3 - a^{-19}x - a^{-22}x^2 - a^{-22} - a^{-23}x + a^{-26}$
$KBSM(\overline{5_{25}}) = a^{26} - 2a^{22}x^2 + 4a^{18}x^2 - a^{18} + a^{17}x^3 - 2a^{17}x - 3a^{14}x^2 + a^{14} - a^{13}x^3 + a^{13}x + a^{10}x^2 + a^{10} + a^9x - a^6x^2$
$KBSM(5_{26}) = -x + a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-16}x^3 - a^{-16}x + a^{-20}x$
$KBSM(\overline{5_{26}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - 2a^8x^3 + a^8x + a^4x^3 + a^4x - x$
$KBSM(5_{27}) = -x + a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-16}x^3 - a^{-16}x + a^{-20}x$
$KBSM(\overline{5_{27}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - 2a^8x^3 + a^8x + a^4x^3 + a^4x - x$
$KBSM(5_{28}) = a^{14}x^2 - 2a^{10}x^2 + 3a^6x^2 - a^6 - 3a^2x^2 + a^2 - ax^3 + 2ax + a^{-2}x^2 + a^{-2} + a^{-3}x - a^{-6}$
$KBSM(\overline{5_{28}}) = -a^6 + 2a^2x^2 - 3a^{-2}x^2 + a^{-2} - a^{-3}x^3 + 2a^{-3}x + 2a^{-6}x^2 + a^{-7}x - 2a^{-10}x^2 + a^{-14}x^2$
$KBSM(5_{29}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 - a^{-10} + a^{-14}$

$KBSM(\overline{5_{29}}) = a^{14} - a^{10}x^2 - a^{10} + 2a^6x^2 - a^6 - 2a^2x^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$
$KBSM(5_{30}) = a^8x - a^4x + 2x - a^{-4}x^3 + a^{-8}x^3 - a^{-12}x$
$KBSM(\overline{5_{30}}) = -a^{12}x + a^8x^3 - a^4x^3 + 2x - a^{-4}x + a^{-8}x$
$KBSM(5_{31}) = a^8x - 2a^4x + x^3 + x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x^3 + a^{-8}x - a^{-12}x$
$KBSM(\overline{5_{31}}) = -a^{12}x + a^8x^3 + a^8x - 2a^4x^3 + a^4x + x^3 + x - 2a^{-4}x + a^{-8}x$
$KBSM(5_{32}) = a^8x - 2a^4x + x^3 - a^{-4}x^3 - a^{-4}x + a^{-8}x^3 - a^{-12}x$
$KBSM(\overline{5_{32}}) = -a^{12}x + a^8x^3 - a^4x^3 - a^4x + x^3 - 2a^{-4}x + a^{-8}x$
$KBSM(5_{33}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + a^{-2} + a^{-6}x^2 + a^{-6} - a^{-10}x^2 + a^{-14}$
$KBSM(\overline{5_{33}}) = a^{14} - a^{10}x^2 + a^6x^2 + a^6 - 2a^2x^2 + a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$
$KBSM(5_{34}) = -a^6x^2 + 3a^2x^2 - a^2 - 3a^{-2}x^2 + a^{-2} - a^{-3}x^3 + 2a^{-3}x + 2a^{-6}x^2 + a^{-7}x - a^{-10}x^2 - a^{-10} + a^{-14}$
$KBSM(\overline{5_{34}}) = a^{14} - a^{10}x^2 - a^{10} + 3a^6x^2 - a^6 - 3a^2x^2 + a^2 - ax^3 + 2ax + 2a^{-2}x^2 + a^{-3}x - a^{-6}x^2$
$KBSM(5_{35}) = -a^{-6}x^2 + 2a^{-10}x^2 - a^{-10} - 3a^{-14}x^2 - a^{-15}x^3 + 2a^{-15}x + 3a^{-18}x^2 - a^{-18} + a^{-19}x^3 - a^{-19}x - a^{-22}x^2 - a^{-22} - a^{-23}x + a^{-26}$
$KBSM(\overline{5_{35}}) = a^{26} - 2a^{22}x^2 + 4a^{18}x^2 - 2a^{18} + a^{17}x^3 - 2a^{17}x - 2a^{14}x^2 - a^{14} - a^{13}x^3 + a^{13}x + a^{10}x^2 + a^9x - a^6x^2$
$KBSM(5_{36}) = -x + a^{-4}x^3 - a^{-8}x^3 - a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x^3 - a^{-16}x + a^{-20}x$
$KBSM(\overline{5_{36}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - a^{12}x - a^8x^3 - a^8x + a^4x^3 - x$
$KBSM(5_{37}) = a^{14}x^2 - 2a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-6}$
$KBSM(\overline{5_{37}}) = -a^6 + a^2x^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^2$
$KBSM(5_{38}) = -a^{-2} + a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 - a^{-11}x^3 + 2a^{-11}x + a^{-14}x^2 + a^{-15}x^3 - a^{-15}x - a^{-19}x$
$KBSM(\overline{5_{38}}) = -a^{18}x^2 + a^{18} + 2a^{14}x^2 - a^{14} + a^{13}x^3 - 2a^{13}x - a^{10}x^2 - a^{10} - a^9x^3 + a^9x + a^5x - a^2$
$KBSM(5_{39}) = -a^{12}x^3 + a^{12}x + 2a^8x^3 - 2a^8x - a^4x^3 + x^3 - x - a^{-4}x$
$KBSM(\overline{5_{39}}) = -a^4x + x^3 - x - a^{-4}x^3 + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x^3 + a^{-12}x$
$KBSM(5_{40}) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + a^{-12}x + a^{-16}x^3 - a^{-16}x - a^{-20}x^3 + a^{-20}x + a^{-24}x$
$KBSM(\overline{5_{40}}) = a^{24}x - a^{20}x^3 + a^{20}x + a^{16}x^3 - a^{16}x - a^{12}x^3 + a^{12}x + a^8x^3 - a^8x$
$KBSM(5_{41}) = a^{18} + a^{10}x^2 - a^{10} - a^6x^2 - a^5x^3 + 2a^5x + ax$
$KBSM(\overline{5_{41}}) = a^{-2}x^2 - a^{-2} - a^{-6}x^2 - a^{-7}x^3 + 2a^{-7}x + a^{-11}x + a^{-18}$
$KBSM(5_{42}) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-12}x^3 - a^{-16}x^3 + a^{-16}x + a^{-20}x$
$KBSM(\overline{5_{42}}) = a^{20}x - a^{16}x^3 + a^{16}x + a^{12}x^3 - a^8x^3 + a^4x^3 - a^4x$
$KBSM(5_{43}) = a^6x^2 - 2a^2x^2 + a^2 - ax^3 + 2ax + a^{-2}x^2 + a^{-3}x^3 - a^{-3}x - a^{-6} - a^{-7}x^3 + a^{-7}x + a^{-11}x$
$KBSM(\overline{5_{43}}) = a^{10}x^2 - a^{10} - a^6x^2 - a^5x^3 + 2a^5x + a^2x^2 + ax^3 - ax - a^{-2}x^2 - a^{-3}x^3 + a^{-3}x + a^{-6} + a^{-7}x$
$KBSM(5_{44}) = -x^3 + x + 3a^{-4}x^3 - 3a^{-4}x + a^{-7}x^2 - a^{-7} - 2a^{-8}x^3 - a^{-11}x^2 + a^{-12}x^3 + a^{-15} - a^{-16}x$
$KBSM(\overline{5_{44}}) = -a^{16}x + 2a^{12}x^3 - 2a^{12}x - 3a^8x^3 + 2a^8x - a^5x^2 + a^5 + 2a^4x^3 - a^4x + ax^2 - x - a^{-3}$
$KBSM(5_{45}) = -a^{10}x^2 + 3a^6x^2 - a^6 + a^5x^3 - 2a^5x - 3a^2x^2 + a^2 - 2ax^3 + 3ax + 2a^{-2} + a^{-3}x^3 - a^{-7}x$
$KBSM(\overline{5_{45}}) = -a^6x^2 + a^6 + 2a^2x^2 + ax^3 - 2ax - 3a^{-2}x^2 + a^{-2} - 2a^{-3}x^3 + 3a^{-3}x + a^{-6}x^2 + a^{-6} + a^{-7}x^3 - a^{-10} - a^{-11}x$
$KBSM(5_{46}) = -x^3 + x + 3a^{-4}x^3 - 2a^{-4}x + a^{-7}x^2 - a^{-7} - 3a^{-8}x^3 + 2a^{-8}x - a^{-11}x^2 + a^{-12}x^3 + a^{-12}x + a^{-15} - a^{-16}x$
$KBSM(\overline{5_{46}}) = -a^{16}x + 2a^{12}x^3 - a^{12}x - 4a^8x^3 + 4a^8x - a^5x^2 + a^5 + 2a^4x^3 + ax^2 - x - a^{-3}$
$KBSM(5_{47}) = -a^{10}x^2 + 4a^6x^2 - 2a^6 + 2a^5x^3 - 4a^5x - 3a^2x^2 - 3ax^3 + 4ax + 2a^{-2} + a^{-3}x^3 - a^{-7}x$
$KBSM(\overline{5_{47}}) = -a^6x^2 + a^6 + 3a^2x^2 - a^2 + 2ax^3 - 4ax - 3a^{-2}x^2 - 3a^{-3}x^3 + 4a^{-3}x + a^{-6}x^2 + a^{-6} + a^{-7}x^3 - a^{-10} - a^{-11}x$
$KBSM(5_{48}) = a^4x^3 - a^4x - 2x^3 + 2x - a^{-3}x^2 + a^{-3} + 2a^{-4}x^3 - a^{-4}x + a^{-7}x^2 - a^{-8}x^3 - a^{-11} + a^{-12}x$
$KBSM(\overline{5_{48}}) = a^{12}x - 2a^8x^3 + 2a^8x + 3a^4x^3 - 3a^4x + ax^2 - a - x^3 - a^{-3}x^2 + a^{-4}x + a^{-7}$
$KBSM(5_{49}) = a^{14}x^2 - 2a^{10}x^2 + a^{10} - a^9x^3 + 2a^9x + 2a^6x^2 + a^5x^3 - a^5x - a^2x^2 - a^2 - ax^3 + ax + a^{-3}x$
$KBSM(\overline{5_{49}}) = a^2x^2 - a^2 - 2a^{-2}x^2 - a^{-3}x^3 + 2a^{-3}x + 2a^{-6}x^2 + a^{-7}x^3 - a^{-7}x - a^{-10}x^2 - a^{-11}x^3 + a^{-11}x + a^{-14} + a^{-15}x$
$KBSM(5_{50}) = -a^{-6}x^2 + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + 2a^{-18}x^2 - a^{-22}x^2 + a^{-26}$
$KBSM(\overline{5_{50}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2$
$KBSM(5_{51}) = a^{-4}x - a^{-8}x + a^{-12}x^3 + a^{-12}x - 2a^{-16}x^3 + a^{-16}x + a^{-20}x^3 - a^{-24}x$
$KBSM(\overline{5_{51}}) = -a^{24}x + a^{20}x^3 - 2a^{16}x^3 + a^{16}x + a^{12}x^3 + a^{12}x - a^8x + a^4x$

$KBSM(5_{52}) = -a^{16}x + a^{12}x - a^8x + a^4x^3 - x^3 + x + a^{-4}x$
$KBSM(\overline{5_{52}}) = a^4x - x^3 + x + a^{-4}x^3 - a^{-8}x + a^{-12}x - a^{-16}x$
$KBSM(5_{53}) = a^{-2}x^2 - 2a^{-6}x^2 + a^{-6} - a^{-7}x^3 + 2a^{-7}x + a^{-10}x^2 + a^{-11}x - a^{-14}x^2 + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{5_{53}}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + 2a^{10}x^2 - a^{10} - 2a^6x^2 + a^6 - a^5x^3 + 2a^5x + a^2 + ax$
$KBSM(5_{54}) = a^{20}x - a^{16}x^3 + a^{12}x^3 + a^{12}x - a^8x^3 + a^4x^3 - x$
$KBSM(\overline{5_{54}}) = -x + a^{-4}x^3 - a^{-8}x^3 + a^{-12}x^3 + a^{-12}x - a^{-16}x^3 + a^{-20}x$
$KBSM(5_{55}) = -a^{18}x^2 + 3a^{14}x^2 - a^{14} + a^{13}x^3 - 2a^{13}x - 3a^{10}x^2 + a^{10} - a^9x^3 + a^9x + a^6x^2 + a^6 + a^5x - a^2x^2 + a^{-2}$
$KBSM(\overline{5_{55}}) = a^2 - a^{-2}x^2 + 2a^{-6}x^2 - 4a^{-10}x^2 + 2a^{-10} - a^{-11}x^3 + 2a^{-11}x + 2a^{-14}x^2 + a^{-15}x^3 - a^{-15}x - a^{-18} - a^{-19}x$
$KBSM(5_{56}) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + 2a^6x^2 - 2a^2x^2 - ax^3 + 2ax + a^{-2}x^2 + a^{-3}x - a^{-6}$
$KBSM(\overline{5_{56}}) = -a^6 + 2a^2x^2 - a^2 - 2a^{-2}x^2 - a^{-3}x^3 + 2a^{-3}x + a^{-6}x^2 + a^{-6} + a^{-7}x - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2$
$KBSM(5_{57}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-18}x^2 + a^{-18} + a^{-22}$
$KBSM(\overline{5_{57}}) = a^{22} - a^{18}x^2 + a^{18} + a^{14}x^2 - a^{10}x^2 + a^6x^2 - a^2x^2$
$KBSM(5_{58}) = -a^4x + x^3 - a^{-4}x^3 + a^{-8}x^3 - a^{-12}x^3 + a^{-12}x + a^{-16}x$
$KBSM(\overline{5_{58}}) = a^{16}x - a^{12}x^3 + a^{12}x + a^8x^3 - a^4x^3 + x^3 - a^{-4}x$
$KBSM(5_{59}) = a^2x^2 - 3a^{-2}x^2 + a^{-2} - a^{-3}x^3 + 2a^{-3}x + 3a^{-6}x^2 + a^{-7}x^3 - a^{-7}x - 2a^{-10}x^2 - a^{-11}x^3 + a^{-11}x + a^{-14}x^2 + a^{-15}x - a^{-18}$
$KBSM(\overline{5_{59}}) = -a^{18} + 2a^{14}x^2 - a^{14} - 3a^{10}x^2 + a^{10} - a^9x^3 + 2a^9x + 3a^6x^2 + a^5x^3 - a^5x - 2a^2x^2 - ax^3 + ax + a^{-2} + a^{-3}x$
$KBSM(5_{60}) = a^8x - a^4x^3 + 2x^3 - 2a^{-4}x^3 + a^{-4}x + a^{-8}x^3 - a^{-12}x$
$KBSM(\overline{5_{60}}) = -a^{12}x + a^8x^3 - 2a^4x^3 + a^4x + 2x^3 - a^{-4}x^3 + a^{-8}x$
$KBSM(5_{61}) = a^2x^2 - 4a^{-2}x^2 + a^{-2} - a^{-3}x^3 + 2a^{-3}x + 4a^{-6}x^2 - a^{-6} + 2a^{-7}x^3 - 3a^{-7}x - 2a^{-10}x^2 - a^{-10} - a^{-11}x^3 + a^{-14}x^2 + a^{-15}x - a^{-18}$
$KBSM(\overline{5_{61}}) = -a^{18} + 2a^{14}x^2 - a^{14} - 4a^{10}x^2 + a^{10} - a^9x^3 + 2a^9x + 4a^6x^2 - a^6 + 2a^5x^3 - 3a^5x - 2a^2x^2 - a^2 - ax^3 + a^{-2} + a^{-3}x$
$KBSM(5_{62}) = a^8x - 2a^4x^3 + 5x^3 - 4x + a^{-3}x^2 - a^{-3} - 3a^{-4}x^3 - a^{-7}x^2 + a^{-8}x^3 + a^{-8}x + a^{-11} - a^{-12}x$
$KBSM(\overline{5_{62}}) = -a^{12}x + 2a^8x^3 - a^8x - 4a^4x^3 + 2a^4x - ax^2 + a + 4x^3 - 2x + a^{-3}x^2 - a^{-4}x^3 - 2a^{-4}x - a^{-7} + a^{-8}x$
$KBSM(5_{63}) = -a^6x^2 + 3a^2x^2 - a^2 + ax^3 - 2ax - 4a^{-2}x^2 + a^{-2} - 2a^{-3}x^3 + 3a^{-3}x + 2a^{-6}x^2 + a^{-6} + a^{-7}x^3 - a^{-10}x^2 - a^{-11}x + a^{-14}$
$KBSM(\overline{5_{63}}) = a^{14} - 2a^{10}x^2 + a^{10} + 4a^6x^2 - a^6 + a^5x^3 - 2a^5x - 4a^2x^2 + a^2 - 2ax^3 + 3ax + a^{-2}x^2 + a^{-2} + a^{-3}x^3 - a^{-6} - a^{-7}x$
$KBSM(5_{64}) = a^8x - 2a^4x^3 + a^4x + 4x^3 - 2x + a^{-3}x^2 - a^{-3} - 3a^{-4}x^3 + a^{-4}x - a^{-7}x^2 + a^{-8}x^3 + a^{-8}x + a^{-11} - a^{-12}x$
$KBSM(\overline{5_{64}}) = -a^{12}x + 2a^8x^3 - a^8x - 4a^4x^3 + 3a^4x - ax^2 + a + 3x^3 + a^{-3}x^2 - a^{-4}x^3 - a^{-4}x - a^{-7} + a^{-8}x$
$KBSM(5_{65}) = -a^6x^2 + 5a^2x^2 - 2a^2 + 2ax^3 - 4ax - 6a^{-2}x^2 + a^{-2} - 4a^{-3}x^3 + 6a^{-3}x + 3a^{-6}x^2 + a^{-6} + 2a^{-7}x^3 - a^{-7}x - a^{-10}x^2 - a^{-10} - 2a^{-11}x + a^{-14}$
$KBSM(\overline{5_{65}}) = a^{14} - 3a^{10}x^2 + a^{10} + 7a^6x^2 - 3a^6 + 3a^5x^3 - 6a^5x - 5a^2x^2 - 4ax^3 + 5ax + a^{-2}x^2 + 2a^{-2} + a^{-3}x^3 + a^{-3}x - a^{-6} - a^{-7}x$
$KBSM(5_{66}) = a^{10}x^2 - 2a^6x^2 + a^6 - a^5x^3 + 2a^5x + 2a^2x^2 + ax^3 - ax - 2a^{-2}x^2 - a^{-3}x^3 + a^{-3}x + a^{-6}x^2 + a^{-7}x - a^{-10}$
$KBSM(\overline{5_{66}}) = -a^{10} + 2a^6x^2 - a^6 - 3a^2x^2 + a^2 - ax^3 + 2ax + 2a^{-2}x^2 + a^{-3}x^3 - a^{-3}x - a^{-6}x^2 - a^{-7}x^3 + a^{-7}x + a^{-10} + a^{-11}x$
$KBSM(5_{67}) = -a^{-6}x^2 + a^{-6} - a^{-7}x^3 + 2a^{-7}x + a^{-10}x^2 + a^{-11}x^3 - a^{-11}x - a^{-14} - a^{-15}x^3 + a^{-15}x + a^{-19}x$
$KBSM(\overline{5_{67}}) = a^{18}x^2 - a^{18} - a^{14}x^2 - a^{13}x^3 + 2a^{13}x + a^{10}x^2 + a^9x^3 - a^9x - a^5x^3 + a^5x - a^2x^2 + a^2 + ax$
$KBSM(5_{68}) = -a^8x^3 + a^8x + 2a^4x^3 - 3a^4x + ax^2 - a - x - a^{-3}x^2 + a^{-7}$
$KBSM(\overline{5_{68}}) = a^4x^3 - 2a^4x - x^3 + x - a^{-3}x^2 + a^{-3} + a^{-4}x^3 - a^{-4}x + a^{-7}x^2 - a^{-8}x - a^{-11}$
$KBSM(5_{69}) = a^{-2}x^2 - a^{-2} + a^{-3}x^3 - 2a^{-3}x - a^{-6}x^2 - 2a^{-7}x^3 + 3a^{-7}x + a^{-10} + a^{-11}x^3 - a^{-11}x - a^{-15}x$
$KBSM(\overline{5_{69}}) = -a^{14}x^2 + a^{14} + 2a^{10}x^2 - a^{10} + 2a^9x^3 - 4a^9x - a^6 - 2a^5x^3 + 2a^5x - a^2x^2 + a^2 + ax$
$KBSM(5_{70}) = a^{12}x^3 - a^{12}x - 2a^8x^3 + 2a^8x - a^5x^2 + a^5 + a^4x^3 + ax^2 - a^{-3}$

$KBSM(\overline{5_{70}}) = -x^3 + 2x + 2a^{-4}x^3 - 2a^{-4}x + a^{-7}x^2 - a^{-7} - a^{-8}x^3 - a^{-11}x^2 + a^{-12}x + a^{-15}$
$KBSM(5_{71}) = a^9x^3 - 2a^9x - a^5x^3 + a^5x - a^2x^2 + ax + a^{-2}x^2 - a^{-2} - a^{-6}$
$KBSM(\overline{5_{71}}) = -a^6 + a^2x^2 - a^2 - a^{-2} - a^{-6}x^2 + a^{-6} - a^{-7}x^3 + 2a^{-7}x - a^{-10}x^2 + a^{-10} + a^{-11}x^3 - a^{-11}x + a^{-14}x^2 - a^{-14} - a^{-15}x$
$KBSM(5_{72}) = a^{-8}x^3 - a^{-8}x + a^{-11}x^2 - a^{-11} - a^{-12}x^3 + a^{-12}x - a^{-15}x^2 + a^{-16}x + a^{-19}$
$KBSM(\overline{5_{72}}) = a^{16}x^3 - a^{16}x - 2a^{12}x^3 + 3a^{12}x - a^9x^2 + a^9 + a^8x + a^5x^2 + a^4x^3 - 2a^4x - a$
$KBSM(5_{73}) = a^6x^2 + a^5x^3 - 2a^5x - a^2x^2 - ax^3 + ax$
$KBSM(\overline{5_{73}}) = a^2x^2 - a^2 + ax^3 - 2ax - a^{-2}x^2 - a^{-3}x^3 + a^{-3}x + a^{-6}$
$KBSM(\overline{5_{74}}) = -a^{22} + a^{18}x^2 - a^9x^3 + 2a^9x - a^6x^2 + a^6 + a^5x$
$KBSM(\overline{5_{75}}) = a^2 - a^{-6}x^2 + a^{-6} - a^{-7}x^3 + 2a^{-7}x - a^{-10}x^2 + a^{-10} + a^{-11}x^3 - a^{-11}x + a^{-14}x^2 - a^{-14} - a^{-15}x$
$KBSM(5_{76}) = a^4x^3 - 2a^4x - x^3 + x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(\overline{5_{76}}) = a^4x^3 - 2a^4x - x^3 + x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(5_{77}) = -a^6x^2 + a^6 + 2a^2x^2 - a^2 - a^{-2}x^2 - a^{-3}x^3 + 2a^{-3}x + a^{-6} + a^{-7}x - a^{-10}$
$KBSM(\overline{5_{77}}) = -a^{10} + a^6x^2 - a^2x^2 - ax^3 + 2ax + a^{-2}x^2 + a^{-3}x - a^{-6}x^2 + a^{-6}$
$KBSM(5_{78}) = a^4x^3 - 2a^4x - x^3 + 2x + a^{-8}x$
$KBSM(\overline{5_{78}}) = a^8x - x^3 + 2x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(5_{79}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} - a^{-15}x^3 + 2a^{-15}x + a^{-18}x^2 + a^{-18} + a^{-19}x^3 - a^{-19}x - a^{-22} - a^{-23}x$
$KBSM(\overline{5_{79}}) = -a^{22}x^2 + 2a^{18}x^2 + a^{17}x^3 - 2a^{17}x - a^{14}x^2 - a^{13}x^3 + a^{13}x + a^{10} + a^9x - a^6x^2 + a^6$
$KBSM(5_{80}) = a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^2 - ax^3 + 2ax + a^{-2} + a^{-3}x$
$KBSM(\overline{5_{80}}) = a^2x^2 - a^{-2}x^2 - a^{-3}x^3 + 2a^{-3}x + a^{-6} + a^{-7}x - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(5_{81}) = -a^{-11}x^3 + 2a^{-11}x - a^{-14}x^2 + a^{-15}x + 2a^{-18}x^2 - a^{-18} - a^{-22}x^2 + a^{-26}$
$KBSM(\overline{5_{81}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - a^{18} - a^{14} - a^9x^3 + 2a^9x - a^6x^2 + a^6 + a^5x$
$KBSM(5_{82}) = -a^{-6}x^2 - a^{-7}x^3 + 2a^{-7}x + 2a^{-10}x^2 - a^{-10} + a^{-11}x^3 - a^{-11}x - a^{-14}x^2 - a^{-15}x^3 + a^{-15}x + a^{-18} + a^{-19}x$
$KBSM(\overline{5_{82}}) = a^{18}x^2 - 2a^{14}x^2 + a^{14} - a^{13}x^3 + 2a^{13}x + 2a^{10}x^2 - a^{10} + a^9x^3 - a^9x - a^6 - a^5x^3 + a^5x - a^2x^2 + a^2 + ax$
$KBSM(5_{83}) = -a^4x^3 + a^4x + 2x^3 - x + a^{-3}x^2 - a^{-3} - a^{-4}x^3 - a^{-7}x^2 + a^{-8}x + a^{-11}$
$KBSM(\overline{5_{83}}) = a^8x^3 - a^8x - 2a^4x^3 + 2a^4x - ax^2 + a + x^3 + x + a^{-3}x^2 - a^{-4}x - a^{-7}$
$KBSM(5_{84}) = a^{-2}x^2 + a^{-3}x^3 - 2a^{-3}x - 2a^{-6}x^2 + a^{-6} - 2a^{-7}x^3 + 3a^{-7}x + a^{-10}x^2 + a^{-11}x^3 - a^{-11}x - a^{-14} - a^{-15}x$
$KBSM(\overline{5_{84}}) = -a^{14}x^2 + 3a^{10}x^2 - 2a^{10} + 2a^9x^3 - 4a^9x - a^6x^2 - 2a^5x^3 + 2a^5x - a^2x^2 + 2a^2 + ax$
$KBSM(5_{85}) = -a^{-15}x$
$KBSM(\overline{5_{85}}) = a^{13}x^3 - 2a^{13}x + a^{10}x^2 - a^{10} - a^9x - a^5x^3 + a^5x - a^2x^2 + a^2 + ax$
$KBSM(5_{86}) = a^{14} - a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-2} - a^{-6}$
$KBSM(\overline{5_{86}}) = -a^6 + a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 + a^{-14}$
$KBSM(5_{87}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18} + a^{-26}$
$KBSM(\overline{5_{87}}) = a^{26} + a^{18} - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2 + a^6$
$KBSM(5_{88}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + a^{-18}x^2 - a^{-22} + a^{-26}$
$KBSM(\overline{5_{88}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2 + a^6$
$KBSM(5_{89}) = -a^{-6}x^2 + 2a^{-10}x^2 - 2a^{-10} - 2a^{-14}x^2 + a^{-18}x^2 - a^{-22} + a^{-26}$
$KBSM(\overline{5_{89}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + 2a^{10}x^2 - 2a^{10} - a^6x^2$
$KBSM(5_{90}) = -a^{-2} + a^{-6} - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}x^2 + a^{-22}x^2 - a^{-22}$
$KBSM(\overline{5_{90}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6 - a^2$
$KBSM(5_{91}) = -a^{-2} - a^{-10} - a^{-18}x^2 + a^{-18} + a^{-22}x^2 - a^{-22}$
$KBSM(\overline{5_{91}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{18} - a^{10} - a^2$
$KBSM(5_{92}) = a^{-4}x - 2a^{-8}x + a^{-12}x^3 + a^{-12}x - a^{-16}x^3 + 2a^{-20}x - a^{-24}x$
$KBSM(\overline{5_{92}}) = -a^{24}x + 2a^{20}x - a^{16}x^3 + a^{12}x^3 + a^{12}x - 2a^8x + a^4x$
$KBSM(5_{93}) = -a^{-10}x^2 + a^{-10} + a^{-30}$
$KBSM(\overline{5_{93}}) = a^{30} - a^{10}x^2 + a^{10}$

$KBSM(5_{94}) = -a^{-6} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}x^2 + a^{-26}x^2 - a^{-26}$
$KBSM(\overline{5_{94}}) = a^{26}x^2 - a^{26} - a^{22}x^2 + a^{18}x^2 - a^{14}x^2 - a^6$
$KBSM(5_{95}) = -a^{-6} - a^{-14}x^2 - a^{-14} + 2a^{-18}x^2 - a^{-18} - 2a^{-22}x^2 + a^{-22} + a^{-26}x^2$
$KBSM(\overline{5_{95}}) = a^{26}x^2 - 2a^{22}x^2 + a^{22} + 2a^{18}x^2 - a^{18} - a^{14}x^2 - a^{14} - a^6$

2.9 Knots in $L(7, 2)$

$KBSM(0_1) = x$
$KBSM(1_1) = -a^{-2}x^2 + a^{-2} + a^{-6}$
$KBSM(\overline{1_1}) = a^6 - a^2x^2 + a^2$
$KBSM(2_1) = -a^{-2}x^2 + a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{2_1}) = -a^{10} + a^6x^2 - a^6 - a^2x^2$
$KBSM(*2_2) = -a^4x + x^3 - x - a^{-4}x$
$KBSM(2_3) = a^{-4}x^3 - 2a^{-4}x - a^{-8}x$
$KBSM(\overline{2_3}) = -a^8x + a^4x^3 - 2a^4x$
$KBSM(3_1) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-8}x + a^{-12}x$
$KBSM(\overline{3_1}) = a^{12}x - a^8x^3 + a^8x + a^4x^3 - a^4x$
$KBSM(3_2) = a^6x^2 - a^2x^2 + a^{-2}x^3 - 2a^{-2}x - a^{-6}x$
$KBSM(\overline{3_2}) = a^2x^2 - a^2 - a^{-2}x^2 + a^{-6}x^3 - 2a^{-6}x + a^{-6} - a^{-10}x$
$KBSM(3_3) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{3_3}) = a^{14} - a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2$
$KBSM(3_4) = -a^4x + x^3 - a^{-4}x^3 + a^{-4}x + a^{-8}x$
$KBSM(\overline{3_4}) = a^8x - a^4x^3 + a^4x + x^3 - a^{-4}x$
$KBSM(3_5) = a^2x^2 - 2a^{-2}x^2 + a^{-2} + a^{-6}x^3 + a^{-6}x^2 - 2a^{-6}x - a^{-10}x - a^{-10}$
$KBSM(\overline{3_5}) = -a^{10} + 2a^6x^2 - a^6 - 2a^2x^2 + a^2 + a^{-2}x^3 - 2a^{-2}x + a^{-2} - a^{-6}x$
$KBSM(\overline{3_6}) = a^{10}x^2 - a^{10} + a^2x^3 - a^2x^2 - 2a^2x + a^2 - a^{-2}x$
$KBSM(3_7) = -a^{-6}x^2 + a^{-6} + a^{-18}$
$KBSM(\overline{3_7}) = a^{18} - a^6x^2 + a^6$
$KBSM(3_8) = -a^{-2} - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(\overline{3_8}) = a^{14}x^2 - a^{14} - a^{10}x^2 - a^2$
$KBSM(4_1) = -a^{-6}x^2 + a^{-6} + a^{-10}x^3 - 2a^{-10}x + a^{-10} - a^{-14}x^3 + a^{-14}x + a^{-18}x$
$KBSM(\overline{4_1}) = -a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^3 + 2a^6x + a^2x^3 - a^2x^2 - a^2x + a^2 - a^{-2}x$
$KBSM(4_2) = -a^8x^3 + a^8x + a^4x^3 - a^4x - x^3 + 2x + a^{-4}x^3 - a^{-4}x^2 - a^{-4}x + a^{-4} - a^{-8}x + a^{-8}$
$KBSM(\overline{4_2}) = -x^3 + 2x + a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-8}x + a^{-12}x^3 - a^{-12}x^2 - a^{-12}x + a^{-12} - a^{-16}x + a^{-16}$
$KBSM(4_3) = a^{-4}x^3 - 2a^{-8}x^3 + 2a^{-8}x + a^{-12}x^3 - a^{-16}x$
$KBSM(\overline{4_3}) = -a^{16}x + a^{12}x^3 - 2a^8x^3 + 2a^8x + a^4x^3$
$KBSM(4_4) = a^2x^2 - 3a^{-2}x^2 + 2a^{-2} + a^{-6}x^3 + a^{-6}x^2 - 2a^{-6}x + a^{-6} - a^{-10}x^3 + a^{-10}x - a^{-10} + a^{-14}x$
$KBSM(\overline{4_4}) = -a^{10}x^2 + 2a^6x^2 - a^2x^3 - 2a^2x^2 + 2a^2x + a^2 + a^{-2}x^3 - a^{-2}x + a^{-2} - a^{-6}x$
$KBSM(4_5) = -a^4x^3 + 2x^3 - x - 2a^{-4}x^3 + 2a^{-4}x + a^{-8}x^3 - a^{-8}x^2 + a^{-8} - a^{-12}x + a^{-12}$
$KBSM(\overline{4_5}) = a^8x - 2a^4x^3 + 2a^4x + 2x^3 - x - a^{-4}x^3 + a^{-8}x^3 - a^{-8}x^2 - a^{-8}x + a^{-8} - a^{-12}x + a^{-12}$
$KBSM(4_6) = -a^{-6}x^2 + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{4_6}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2$
$KBSM(4_7) = a^{-4}x - a^{-8}x + a^{-12}x^3 - a^{-16}x^3 + a^{-20}x$
$KBSM(\overline{4_7}) = a^{20}x - a^{16}x^3 + a^{12}x^3 - a^8x + a^4x$
$KBSM(4_8) = -a^{16}x + a^{12}x - a^8x + a^4x^3 - a^4x - x$
$KBSM(\overline{4_8}) = -x + a^{-4}x^3 - a^{-4}x - a^{-8}x + a^{-12}x - a^{-16}x$
$KBSM(4_9) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2 + a^{-2}$
$KBSM(\overline{4_9}) = a^2 - a^{-2}x^2 + a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2$
$KBSM(4_{10}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}$

$KBSM(\overline{4_{10}}) = -a^{18} + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^2$
$KBSM(4_{11}) = -a^4x + x^3 - a^{-4}x^3 + a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(\overline{4_{11}}) = -a^{12}x + a^8x^3 - a^8x - a^4x^3 + x^3 - a^{-4}x$
$KBSM(4_{12}) = a^2x^2 - 3a^{-2}x^2 + a^{-2} + a^{-6}x^3 + 2a^{-6}x^2 - 2a^{-6}x - a^{-10}x^3 - a^{-10}x^2 + a^{-10}x + a^{-14}x + a^{-14}$
$KBSM(\overline{4_{12}}) = a^{14} - 2a^{10}x^2 + a^{10} + 3a^6x^2 - a^6 - a^2x^3 - 2a^2x^2 + 2a^2x + a^{-2}x^3 - a^{-2}x + a^{-2} - a^{-6}x$
$KBSM(*4_{13}) = a^8x - a^4x^3 + 2x^3 - x - a^{-4}x^3 + a^{-8}x$
$KBSM(*4_{14}) = a^8x - 2a^4x^3 + a^4x + 3x^3 - 2x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x^3 - a^{-8}x^2 + a^{-8} - a^{-12}x + a^{-12}$
$KBSM(4_{15}) = -a^6x^2 + 2a^2x^2 - a^2 - a^{-2}x^3 - 2a^{-2}x^2 + 2a^{-2}x + a^{-6}x^3 + a^{-6}x^2 - a^{-6}x - a^{-10}x - a^{-10}$
$KBSM(\overline{4_{15}}) = -a^{10} + 2a^6x^2 - a^6 - 3a^2x^2 + a^2 + a^{-2}x^3 + a^{-2}x^2 - 2a^{-2}x - a^{-6}x^3 + a^{-6}x - a^{-6} + a^{-10}x$
$KBSM(4_{16}) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-12}x^3 - a^{-12}x - a^{-16}x$
$KBSM(\overline{4_{16}}) = -a^{16}x + a^{12}x^3 - a^{12}x - a^8x^3 + a^4x^3 - a^4x$
$KBSM(4_{17}) = a^6x^2 - 2a^2x^2 + a^2 + a^{-2}x^3 - 2a^{-2}x + a^{-2} - a^{-6}x^3 + a^{-6}x + a^{-10}x$
$KBSM(\overline{4_{17}}) = -a^6x^2 + a^6 + a^2x^2 - a^{-2}x^3 - a^{-2}x^2 + 2a^{-2}x + a^{-6}x^3 - a^{-6}x + a^{-6} - a^{-10}x$
$KBSM(4_{18}) = -x^3 + x + 2a^{-4}x^3 - 2a^{-4}x - 2a^{-8}x^3 + 2a^{-8}x + a^{-12}x^3 - a^{-12}x^2 + a^{-12} - a^{-16}x + a^{-16}$
$KBSM(\overline{4_{18}}) = a^{12}x - 2a^8x^3 + 2a^8x + 2a^4x^3 - 2a^4x - x^3 + x + a^{-4}x^3 - a^{-4}x^2 - a^{-4}x + a^{-4} - a^{-8}x + a^{-8}$
$KBSM(4_{19}) = -a^{10}x^2 + 2a^6x^2 - a^6 - a^2x^3 - a^2x^2 + 2a^2x - a^2 + a^{-2}x^3 - a^{-2}x - a^{-6}x$
$KBSM(\overline{4_{19}}) = a^2x^2 - a^2 - 2a^{-2}x^2 + a^{-6}x^3 + a^{-6}x^2 - 2a^{-6}x - a^{-10}x^3 + a^{-10}x - a^{-10} + a^{-14}x$
$KBSM(4_{20}) = -a^{-6}x^2 + a^{-10}x^3 + a^{-10}x^2 - 2a^{-10}x - a^{-10} - a^{-14}x^3 + a^{-14}x - a^{-14} + a^{-18}x$
$KBSM(\overline{4_{20}}) = -a^{14}x^2 + 2a^{10}x^2 - 2a^{10} - a^6x^3 + 2a^6x - a^6 + a^2x^3 - a^2x^2 - a^2x + a^2 - a^{-2}x$
$KBSM(*4_{21}) = -a^4x^3 + a^4x + x^3 - a^{-4}x^3 + a^{-4}x + a^{-8}x^3 - a^{-8}x^2 - a^{-8}x + a^{-8} - a^{-12}x + a^{-12}$
$KBSM(4_{22}) = a^{-8}x^3 - 2a^{-8}x - a^{-16}x$
$KBSM(\overline{4_{22}}) = -a^{16}x + a^8x^3 - 2a^8x$
$KBSM(4_{23}) = -a^{12}x^3 + 2a^{12}x + a^8x^3 - a^8x$
$KBSM(\overline{4_{23}}) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(4_{24}) = -a^{-12}x^3 + 2a^{-12}x + a^{-16}x^3 - a^{-16}x^2 - a^{-16}x + a^{-16} - a^{-20}x + a^{-20}$
$KBSM(\overline{4_{24}}) = -a^{12}x^3 + 2a^{12}x + x^3 - x^2 - x + 1 - a^{-4}x + a^{-4}$
$KBSM(4_{25}) = -a^6x^2 + a^6 + a^2x^2 - a^2 - a^{-2} - a^{-10}$
$KBSM(\overline{4_{25}}) = -a^{10} - a^2 + a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(4_{26}) = -a^6x^2 + a^6 + a^2x^2 - a^{-2}x^2 + a^{-2} + a^{-6} - a^{-10}$
$KBSM(\overline{4_{26}}) = -a^{10} + a^6 - a^2x^2 + a^2 + a^{-2}x^2 - a^{-6}x^2 + a^{-6}$
$KBSM(*4_{27}) = a^8x - 2a^4x + x^3 - x - 2a^{-4}x + a^{-8}x$
$KBSM(5_1) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(\overline{5_1}) = -a^{12}x^3 + 2a^{12}x + a^8x^3 - a^8x$
$KBSM(5_2) = a^{-6} - 2a^{-10}x^2 + a^{-10} + a^{-14}x^3 + a^{-14}x^2 - 2a^{-14}x - a^{-18}x^3 + a^{-18}x + a^{-22}x$
$KBSM(\overline{5_2}) = -a^{18}x^2 + a^{18} + 2a^{14}x^2 - a^{14} - a^{10}x^3 - a^{10}x^2 + 2a^{10}x + a^6x^3 - a^6x^2 - a^6x + 2a^6 - a^2x$
$KBSM(5_3) = -a^{12}x^3 + a^{12}x + 2a^8x^3 - 2a^8x - a^4x^3 + a^4x + x$
$KBSM(\overline{5_3}) = x - a^{-4}x^3 + a^{-4}x + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x^3 + a^{-12}x$
$KBSM(5_4) = a^{14}x^2 - a^{14} - a^6x^2 + a^6 + a^2x^3 - 2a^2x - a^{-2}x$
$KBSM(\overline{5_4}) = a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6} + a^{-10}x^3 - a^{-10}x^2 - 2a^{-10}x + a^{-10} + a^{-14}x^2 - a^{-14}x - a^{-14}$
$KBSM(5_5) = a^{-8}x^3 - 2a^{-8}x - a^{-12}x^3 + a^{-12}x + 2a^{-16}x^3 - a^{-16}x^2 - 3a^{-16}x + a^{-16} - a^{-20}x^3 + a^{-20}x^2 + a^{-24}x - a^{-24}$
$KBSM(\overline{5_5}) = a^{16}x^3 - 2a^{16}x - a^{12}x^3 + a^{12}x + a^8x^3 - 2a^8x - a^4x^3 + a^4x^2 + a^4x - a^4 + x^3 - x^2 - a^{-4}x + a^{-4}$
$KBSM(5_6) = a^{10}x^2 - a^{10} - a^6x^3 + 2a^6x + a^2x^3 - a^2x^2 - a^2x + a^2 - a^{-2}x^3 + a^{-2}x^2 + a^{-2}x - a^{-2} + a^{-6}x^3 - a^{-6}x^2 - a^{-10}x + a^{-10}$
$KBSM(\overline{5_6}) = -a^{-6}x^3 + 2a^{-6}x + a^{-10}x^3 - a^{-10}x - a^{-14}x^3 + a^{-14}x^2 + a^{-14}x - a^{-14} + a^{-18}x^3 - a^{-18}x^2 - a^{-22}x + a^{-22}$
$KBSM(5_7) = -2a^{-6}x^2 + a^{-6} + a^{-10}x^3 + 2a^{-10}x^2 - 2a^{-10}x - a^{-10} - 2a^{-14}x^3 + 3a^{-14}x - 2a^{-14} + a^{-18}x^3 - a^{-22}x$
$KBSM(\overline{5_7}) = a^{18}x^2 - a^{18} - 2a^{14}x^2 + a^{10}x^3 + 2a^{10}x^2 - 2a^{10}x - a^{10} - 2a^6x^3 + 3a^6x - a^6 + a^2x^3 - a^2x^2 + a^2 - a^{-2}x$

$KBSM(5_8) = -x^3 + x + 3a^{-4}x^3 - 4a^{-4}x - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-12}x^2 - 2a^{-12}x + a^{-12} - a^{-16}x^3 + a^{-16}x^2 + a^{-20}x - a^{-20}$

$KBSM(\overline{5_8}) = a^{12}x^3 - a^{12}x - 2a^8x^3 + a^8x + 3a^4x^3 - 4a^4x - 2x^3 + x^2 + 2x - 1 + a^{-4}x^3 - a^{-4}x^2 - a^{-8}x + a^{-8}$

$KBSM(5_9) = 2a^6x^2 - a^6 - a^2x^3 - 2a^2x^2 + 2a^2x + 2a^{-2}x^3 - 3a^{-2}x + a^{-2} - 2a^{-6}x^3 + a^{-6}x^2 + 2a^{-6}x - a^{-6} + a^{-10}x^3 - a^{-10}x^2 + a^{-10}x - a^{-14}x + a^{-14}$

$KBSM(\overline{5_9}) = -a^6x^2 + a^6 + 2a^2x^2 - a^2 - 2a^{-2}x^3 - a^{-2}x^2 + 4a^{-2}x - a^{-2} + 2a^{-6}x^3 - 2a^{-6}x + a^{-6} - a^{-10}x^3 + a^{-10}x^2 - a^{-10} + a^{-14}x^3 - a^{-14}x^2 - a^{-18}x + a^{-18}$

$KBSM(5_{10}) = a^{-4}x^3 - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x^3 + a^{-20}x$

$KBSM(\overline{5_{10}}) = a^{20}x - a^{16}x^3 + 2a^{12}x^3 - a^{12}x - 2a^8x^3 + a^8x + a^4x^3$

$KBSM(5_{11}) = a^2x^2 - 4a^{-2}x^2 + 2a^{-2} + a^{-6}x^3 + 3a^{-6}x^2 - 2a^{-6}x - 2a^{-10}x^3 - a^{-10}x^2 + 3a^{-10}x - a^{-10} + a^{-14}x^3 + a^{-14} - a^{-18}x$

$KBSM(\overline{5_{11}}) = a^{14}x^2 - 3a^{10}x^2 + a^{10} + a^6x^3 + 3a^6x^2 - 2a^6x - 2a^2x^3 - 2a^2x^2 + 3a^2x + a^{-2}x^3 + a^{-2} - a^{-6}x$

$KBSM(5_{12}) = -x^3 + 4a^{-4}x^3 - 4a^{-4}x - 4a^{-8}x^3 + 3a^{-8}x + 3a^{-12}x^3 - a^{-12}x^2 - 2a^{-12}x + a^{-12} - a^{-16}x^3 + a^{-16}x^2 - a^{-16}x + a^{-20}x - a^{-20}$

$KBSM(\overline{5_{12}}) = -a^{16}x + 2a^{12}x^3 - a^{12}x - 4a^8x^3 + 3a^8x + 4a^4x^3 - 4a^4x - 2x^3 + x^2 + x - 1 + a^{-4}x^3 - a^{-4}x^2 - a^{-8}x + a^{-8}$

$KBSM(5_{13}) = -a^6x^2 + 3a^2x^2 - 2a^2 - a^{-2}x^3 - 3a^{-2}x^2 + 2a^{-2}x + 2a^{-6}x^3 + a^{-6}x^2 - 3a^{-6}x + a^{-6} - a^{-10}x^3 - a^{-10} + a^{-14}x$

$KBSM(\overline{5_{13}}) = -a^{10}x^2 + 3a^6x^2 - a^6 - a^2x^3 - 3a^2x^2 + 2a^2x + 2a^{-2}x^3 + a^{-2}x^2 - 3a^{-2}x - a^{-6}x^3 - a^{-6} + a^{-10}x$

$KBSM(5_{14}) = -a^4x^3 + 3x^3 - 2x - 3a^{-4}x^3 + 2a^{-4}x + 3a^{-8}x^3 - a^{-8}x^2 - 3a^{-8}x + a^{-8} - a^{-12}x^3 + a^{-12}x^2 - a^{-12}x + a^{-16}x - a^{-16}$

$KBSM(\overline{5_{14}}) = -a^{12}x + 2a^8x^3 - 2a^8x - 3a^4x^3 + 2a^4x + 3x^3 - 2x - 2a^{-4}x^3 + a^{-4}x^2 + a^{-4}x - a^{-4} + a^{-8}x^3 - a^{-8}x^2 - a^{-12}x + a^{-12}$

$KBSM(5_{15}) = -a^{10}x^2 + 4a^6x^2 - a^6 - 2a^2x^3 - 4a^2x^2 + 4a^2x + a^2 + 3a^{-2}x^3 + a^{-2}x^2 - 4a^{-2}x + a^{-2} - 2a^{-6}x^3 + a^{-6}x^2 + a^{-6}x - 2a^{-6} + a^{-10}x^3 - a^{-10}x^2 + a^{-10}x - a^{-14}x + a^{-14}$

$KBSM(\overline{5_{15}}) = -a^6x^2 + 4a^2x^2 - 2a^2 - 2a^{-2}x^3 - 4a^{-2}x^2 + 4a^{-2}x + a^{-2} + 3a^{-6}x^3 + a^{-6}x^2 - 4a^{-6}x + 2a^{-6} - 2a^{-10}x^3 + a^{-10}x^2 + a^{-10}x - 2a^{-10} + a^{-14}x^3 - a^{-14}x^2 + a^{-14}x - a^{-18}x + a^{-18}$

$KBSM(5_{16}) = a^8x^3 - 3a^4x^3 + 2a^4x + 4x^3 - 3x - 3a^{-4}x^3 + a^{-4}x^2 + 2a^{-4}x - a^{-4} + a^{-8}x^3 - a^{-8}x^2 + a^{-8}x - a^{-12}x + a^{-12}$

$KBSM(\overline{5_{16}}) = a^8x - 2a^4x^3 + a^4x + 4x^3 - 3x - 3a^{-4}x^3 + 2a^{-4}x + 2a^{-8}x^3 - a^{-8}x^2 - a^{-8}x + a^{-8} - a^{-12}x^3 + a^{-12}x^2 + a^{-16}x - a^{-16}$

$KBSM(5_{17}) = a^{14}x^2 - 2a^{10}x^2 + a^6x^3 + 3a^6x^2 - 2a^6x - a^6 - a^2x^3 - 2a^2x^2 + a^2x + a^{-2}x^3 - a^{-2}x + a^{-2} - a^{-6}x$

$KBSM(\overline{5_{17}}) = a^2x^2 - 3a^{-2}x^2 + a^{-2} + a^{-6}x^3 + 3a^{-6}x^2 - 2a^{-6}x - a^{-6} - a^{-10}x^3 - a^{-10}x^2 + a^{-10}x - a^{-10} + a^{-14}x^3 - a^{-14}x + a^{-14} - a^{-18}x$

$KBSM(5_{18}) = -2a^{-6}x^2 + a^{-6} + a^{-10}x^3 + 2a^{-10}x^2 - 2a^{-10}x - 2a^{-14}x^3 - a^{-14}x^2 + 3a^{-14}x + a^{-18}x^3 + a^{-18} - a^{-22}x$

$KBSM(\overline{5_{18}}) = a^{18}x^2 - 3a^{14}x^2 + 2a^{14} + a^{10}x^3 + 2a^{10}x^2 - 2a^{10}x - 2a^6x^3 + 3a^6x - a^6 + a^2x^3 - a^2x^2 + a^2 - a^{-2}x$

$KBSM(5_{19}) = -a^4x^3 + 3x^3 - 3x - 2a^{-4}x^3 + a^{-4}x + 2a^{-8}x^3 - a^{-8}x^2 - 2a^{-8}x + a^{-8} - a^{-12}x^3 + a^{-12}x^2 + a^{-16}x - a^{-16}$

$KBSM(\overline{5_{19}}) = a^8x^3 - a^8x - 2a^4x^3 + a^4x + 3x^3 - 3x - 2a^{-4}x^3 + a^{-4}x^2 + a^{-4}x - a^{-4} + a^{-8}x^3 - a^{-8}x^2 - a^{-12}x + a^{-12}$

$KBSM(5_{20}) = 2a^2x^2 - a^2 - a^{-2}x^3 - 3a^{-2}x^2 + 2a^{-2}x + a^{-2} + 2a^{-6}x^3 + a^{-6}x^2 - 3a^{-6}x + a^{-6} - 2a^{-10}x^3 + a^{-10}x^2 + 2a^{-10}x - 2a^{-10} + a^{-14}x^3 - a^{-14}x^2 + a^{-14}x - a^{-18}x + a^{-18}$

$KBSM(\overline{5_{20}}) = -a^{10}x^2 + 3a^6x^2 - a^6 - 2a^2x^3 - 2a^2x^2 + 4a^2x + 2a^{-2}x^3 - 2a^{-2}x + a^{-2} - a^{-6}x^3 + a^{-6}x^2 - a^{-6} + a^{-10}x^3 - a^{-10}x^2 - a^{-14}x + a^{-14}$

$KBSM(5_{21}) = a^{12}x^3 - 3a^8x^3 + 3a^8x + 3a^4x^3 - 3a^4x - 2x^3 + x^2 + 2x - 1 + a^{-4}x^3 - a^{-4}x^2 - a^{-8}x + a^{-8}$

$KBSM(\overline{5_{21}}) = -x^3 + x + 3a^{-4}x^3 - 3a^{-4}x - 3a^{-8}x^3 + 3a^{-8}x + 2a^{-12}x^3 - a^{-12}x^2 - a^{-12}x + a^{-12} - a^{-16}x^3 + a^{-16}x^2 + a^{-20}x - a^{-20}$

$KBSM(5_{22}) = -a^6x^2 + 2a^2x^2 - a^2 - a^{-2}x^3 - 2a^{-2}x^2 + 2a^{-2}x + a^{-2} + a^{-6}x^3 - a^{-6}x + 2a^{-6} - a^{-10}x$

$KBSM(\overline{5_{22}}) = a^6x^2 + a^6 - 3a^2x^2 + 2a^2 + a^{-2}x^3 + a^{-2}x^2 - 2a^{-2}x - a^{-6}x^3 + a^{-6}x - a^{-6} + a^{-10}x$

$KBSM(5_{23}) = -a^{12}x + a^8x^3 - a^8x - a^4x^3 + a^4x + 2x$
$KBSM(\overline{5_{23}}) = 2x - a^{-4}x^3 + a^{-4}x + a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(5_{24}) = a^{-6} + a^{-10}x^3 - a^{-10}x^2 - 2a^{-10}x + a^{-10} + a^{-14}x^2 - a^{-14}x - a^{-14} - a^{-18}$
$KBSM(\overline{5_{24}}) = -a^{18} + a^{14}x^2 - a^{14} + a^6 + a^2x^3 - a^2x^2 - 2a^2x + a^2 - a^{-2}x$
$KBSM(5_{25}) = -a^{-6}x^2 + 2a^{-10}x^2 - 4a^{-14}x^2 + 2a^{-14} + a^{-18}x^3 + 3a^{-18}x^2 - 2a^{-18}x - a^{-22}x^3 - a^{-22}x^2 + a^{-22}x - a^{-22} + a^{-26}x + a^{-26}$
$KBSM(\overline{5_{25}}) = a^{26} - 2a^{22}x^2 + 4a^{18}x^2 - a^{18} - a^{14}x^3 - 3a^{14}x^2 + 2a^{14}x + a^{14} + a^{10}x^3 + a^{10}x^2 - a^{10}x + a^{10} - a^6x^2 - a^6x$
$KBSM(5_{26}) = -x + a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-16}x^3 - a^{-16}x + a^{-20}x$
$KBSM(\overline{5_{26}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - 2a^8x^3 + a^8x + a^4x^3 + a^4x - x$
$KBSM(5_{27}) = -x + a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-16}x^3 - a^{-16}x + a^{-20}x$
$KBSM(\overline{5_{27}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - 2a^8x^3 + a^8x + a^4x^3 + a^4x - x$
$KBSM(5_{28}) = a^{14}x^2 - 2a^{10}x^2 + 3a^6x^2 - a^6 - 3a^2x^2 + a^2 + a^{-2}x^3 + a^{-2}x^2 - 2a^{-2}x + a^{-2} - a^{-6}x - a^{-6}$
$KBSM(\overline{5_{28}}) = -a^6 + 2a^2x^2 - 3a^{-2}x^2 + a^{-2} + a^{-6}x^3 + 2a^{-6}x^2 - 2a^{-6}x - 2a^{-10}x^2 - a^{-10}x + a^{-14}x^2$
$KBSM(5_{29}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 - a^{-10} + a^{-14}$
$KBSM(\overline{5_{29}}) = a^{14} - a^{10}x^2 - a^{10} + 2a^6x^2 - a^6 - 2a^2x^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$
$KBSM(5_{30}) = a^8x - a^4x + 2x - a^{-4}x^3 + a^{-8}x^3 - a^{-12}x$
$KBSM(\overline{5_{30}}) = -a^{12}x + a^8x^3 - a^4x^3 + 2x - a^{-4}x + a^{-8}x$
$KBSM(5_{31}) = a^8x - 2a^4x + x^3 + x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x^3 + a^{-8}x - a^{-12}x$
$KBSM(\overline{5_{31}}) = -a^{12}x + a^8x^3 + a^8x - 2a^4x^3 + a^4x + x^3 + x - 2a^{-4}x + a^{-8}x$
$KBSM(5_{32}) = a^8x - 2a^4x + x^3 - a^{-4}x^3 - a^{-4}x + a^{-8}x^3 - a^{-12}x$
$KBSM(\overline{5_{32}}) = -a^{12}x + a^8x^3 - a^4x^3 - a^4x + x^3 - 2a^{-4}x + a^{-8}x$
$KBSM(5_{33}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + a^{-2} + a^{-6}x^2 + a^{-6} - a^{-10}x^2 + a^{-14}$
$KBSM(\overline{5_{33}}) = a^{14} - a^{10}x^2 + a^6x^2 + a^6 - 2a^2x^2 + a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$
$KBSM(5_{34}) = -a^6x^2 + 3a^2x^2 - a^2 - 3a^{-2}x^2 + a^{-2} + a^{-6}x^3 + 2a^{-6}x^2 - 2a^{-6}x - a^{-10}x^2 - a^{-10}x - a^{-10} + a^{-14}$
$KBSM(\overline{5_{34}}) = a^{14} - a^{10}x^2 - a^{10} + 3a^6x^2 - a^6 - 3a^2x^2 + a^2 + a^{-2}x^3 + 2a^{-2}x^2 - 2a^{-2}x - a^{-6}x^2 - a^{-6}x$
$KBSM(5_{35}) = -a^{-6}x^2 + 2a^{-10}x^2 - a^{-10} - 3a^{-14}x^2 + a^{-18}x^3 + 3a^{-18}x^2 - 2a^{-18}x - a^{-18} - a^{-22}x^3 - a^{-22}x^2 + a^{-22}x - a^{-22} + a^{-26}x + a^{-26}$
$KBSM(\overline{5_{35}}) = a^{26} - 2a^{22}x^2 + 4a^{18}x^2 - 2a^{18} - a^{14}x^3 - 2a^{14}x^2 + 2a^{14}x - a^{14} + a^{10}x^3 + a^{10}x^2 - a^{10}x - a^6x^2 - a^6x$
$KBSM(5_{36}) = -x + a^{-4}x^3 - a^{-8}x^3 - a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x^3 - a^{-16}x + a^{-20}x$
$KBSM(\overline{5_{36}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - a^{12}x - a^8x^3 - a^8x + a^4x^3 - x$
$KBSM(5_{37}) = a^{14}x^2 - 2a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-6}$
$KBSM(\overline{5_{37}}) = -a^6 + a^2x^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^2$
$KBSM(5_{38}) = -a^{-2} + a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^3 + a^{-14}x^2 - 2a^{-14}x - a^{-18}x^3 + a^{-18}x + a^{-22}x$
$KBSM(\overline{5_{38}}) = -a^{18}x^2 + a^{18} + 2a^{14}x^2 - a^{14} - a^{10}x^3 - a^{10}x^2 + 2a^{10}x - a^{10} + a^6x^3 - a^6x - a^2x - a^2$
$KBSM(5_{39}) = -a^{12}x^3 + a^{12}x + 2a^8x^3 - 2a^8x - a^4x^3 + x^3 - x - a^{-4}x$
$KBSM(\overline{5_{39}}) = -a^4x + x^3 - x - a^{-4}x^3 + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x^3 + a^{-12}x$
$KBSM(5_{40}) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + a^{-12}x + a^{-16}x^3 - a^{-16}x - a^{-20}x^3 + a^{-20}x + a^{-24}x$
$KBSM(\overline{5_{40}}) = a^{24}x - a^{20}x^3 + a^{20}x + a^{16}x^3 - a^{16}x - a^{12}x^3 + a^{12}x + a^8x^3 - a^8x$
$KBSM(5_{41}) = a^{18} + a^{10}x^2 - a^{10} - a^6x^2 + a^2x^3 - 2a^2x - a^{-2}x$
$KBSM(\overline{5_{41}}) = a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-10}x^3 - 2a^{-10}x - a^{-14}x + a^{-18}$
$KBSM(5_{42}) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-12}x^3 - a^{-16}x^3 + a^{-16}x + a^{-20}x$
$KBSM(\overline{5_{42}}) = a^{20}x - a^{16}x^3 + a^{16}x + a^{12}x^3 - a^8x^3 + a^4x^3 - a^4x$
$KBSM(5_{43}) = a^6x^2 - 2a^2x^2 + a^2 + a^{-2}x^3 + a^{-2}x^2 - 2a^{-2}x - a^{-6}x^3 + a^{-6}x - a^{-6} + a^{-10}x^3 - a^{-10}x - a^{-14}x$
$KBSM(\overline{5_{43}}) = a^{10}x^2 - a^{10} - a^6x^2 + a^2x^3 + a^2x^2 - 2a^2x - a^{-2}x^3 - a^{-2}x^2 + a^{-2}x + a^{-6}x^3 - a^{-6}x + a^{-6} - a^{-10}x$
$KBSM(5_{44}) = -x^3 + x + 3a^{-4}x^3 - 3a^{-4}x - 3a^{-8}x^3 + 2a^{-8}x + 3a^{-12}x^3 - a^{-12}x^2 - 3a^{-12}x + a^{-12} - a^{-16}x^3 + a^{-16}x^2 - a^{-16}x + a^{-20}x - a^{-20}$
$KBSM(\overline{5_{44}}) = -a^{16}x + 2a^{12}x^3 - 2a^{12}x - 3a^8x^3 + 2a^8x + 3a^4x^3 - 3a^4x - 2x^3 + x^2 + 2x - 1 + a^{-4}x^3 - a^{-4}x^2 - a^{-8}x + a^{-8}$
$KBSM(5_{45}) = -a^{10}x^2 + 3a^6x^2 - a^6 - a^2x^3 - 3a^2x^2 + 2a^2x + a^2 + 2a^{-2}x^3 - 3a^{-2}x + 2a^{-2} - a^{-6}x^3 + a^{-10}x$

$KBSM(\overline{5_{45}}) = -a^6x^2 + a^6 + 2a^2x^2 - a^{-2}x^3 - 3a^{-2}x^2 + 2a^{-2}x + a^{-2} + 2a^{-6}x^3 + a^{-6}x^2 - 3a^{-6}x + a^{-6} - a^{-10}x^3 - a^{-10} + a^{-14}x$

$KBSM(5_{46}) = -x^3 + x + 3a^{-4}x^3 - 2a^{-4}x - 4a^{-8}x^3 + 4a^{-8}x + 3a^{-12}x^3 - a^{-12}x^2 - 2a^{-12}x + a^{-12} - a^{-16}x^3 + a^{-16}x^2 - a^{-16}x + a^{-20}x - a^{-20}$

$KBSM(\overline{5_{46}}) = -a^{16}x + 2a^{12}x^3 - a^{12}x - 4a^8x^3 + 4a^8x + 3a^4x^3 - 2a^4x - 2x^3 + x^2 + 2x - 1 + a^{-4}x^3 - a^{-4}x^2 - a^{-8}x + a^{-8}$

$KBSM(5_{47}) = -a^{10}x^2 + 4a^6x^2 - 2a^6 - 2a^2x^3 - 3a^2x^2 + 4a^2x + 3a^{-2}x^3 - 4a^{-2}x + 2a^{-2} - 2a^{-6}x^3 + a^{-6}x^2 + a^{-6}x - a^{-6} + a^{-10}x^3 - a^{-10}x^2 + a^{-10}x - a^{-14}x + a^{-14}$

$KBSM(\overline{5_{47}}) = -a^6x^2 + a^6 + 3a^2x^2 - a^2 - 2a^{-2}x^3 - 3a^{-2}x^2 + 4a^{-2}x + 3a^{-6}x^3 + a^{-6}x^2 - 4a^{-6}x + a^{-6} - 2a^{-10}x^3 + a^{-10}x^2 + a^{-10}x - 2a^{-10} + a^{-14}x^3 - a^{-14}x^2 + a^{-14}x - a^{-18}x + a^{-18}$

$KBSM(5_{48}) = a^4x^3 - a^4x - 2x^3 + 2x + 3a^{-4}x^3 - 3a^{-4}x - 3a^{-8}x^3 + a^{-8}x^2 + 3a^{-8}x - a^{-8} + a^{-12}x^3 - a^{-12}x^2 + a^{-12}x - a^{-16}x + a^{-16}$

$KBSM(\overline{5_{48}}) = a^{12}x - 2a^8x^3 + 2a^8x + 3a^4x^3 - 3a^4x - 2x^3 + 2x + 2a^{-4}x^3 - a^{-4}x^2 - 2a^{-4}x + a^{-4} - a^{-8}x^3 + a^{-8}x^2 + a^{-12}x - a^{-12}$

$KBSM(5_{49}) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + a^6x^3 + 2a^6x^2 - 2a^6x - a^2x^3 - a^2x^2 + a^2x - a^2 + a^{-2}x^3 - a^{-2}x - a^{-6}x$

$KBSM(\overline{5_{49}}) = a^2x^2 - a^2 - 2a^{-2}x^2 + a^{-6}x^3 + 2a^{-6}x^2 - 2a^{-6}x - a^{-10}x^3 - a^{-10}x^2 + a^{-10}x + a^{-14}x^3 - a^{-14}x + a^{-14} - a^{-18}x$

$KBSM(5_{50}) = -a^{-6}x^2 + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + 2a^{-18}x^2 - a^{-22}x^2 + a^{-26}$

$KBSM(\overline{5_{50}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2$

$KBSM(5_{51}) = a^{-4}x - a^{-8}x + a^{-12}x^3 + a^{-12}x - 2a^{-16}x^3 + a^{-16}x + a^{-20}x^3 - a^{-24}x$

$KBSM(\overline{5_{51}}) = -a^{24}x + a^{20}x^3 - 2a^{16}x^3 + a^{16}x + a^{12}x^3 + a^{12}x - a^8x + a^4x$

$KBSM(5_{52}) = -a^{16}x + a^{12}x - a^8x + a^4x^3 - x^3 + x + a^{-4}x$

$KBSM(\overline{5_{52}}) = a^4x - x^3 + x + a^{-4}x^3 - a^{-8}x + a^{-12}x - a^{-16}x$

$KBSM(5_{53}) = a^{-2}x^2 - 2a^{-6}x^2 + a^{-6} + a^{-10}x^3 + a^{-10}x^2 - 2a^{-10}x - a^{-14}x^2 - a^{-14}x + a^{-18}x^2 - a^{-22}$

$KBSM(\overline{5_{53}}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + 2a^{10}x^2 - a^{10} - 2a^6x^2 + a^6 + a^2x^3 - 2a^2x + a^2 - a^{-2}x$

$KBSM(5_{54}) = a^{20}x - a^{16}x^3 + a^{12}x^3 + a^{12}x - a^8x^3 + a^4x^3 - x$

$KBSM(\overline{5_{54}}) = -x + a^{-4}x^3 - a^{-8}x^3 + a^{-12}x^3 + a^{-12}x - a^{-16}x^3 + a^{-20}x$

$KBSM(5_{55}) = -a^{18}x^2 + 3a^{14}x^2 - a^{14} - a^{10}x^3 - 3a^{10}x^2 + 2a^{10}x + a^{10} + a^6x^3 + a^6x^2 - a^6x + a^6 - a^2x^2 - a^2x + a^{-2}$

$KBSM(\overline{5_{55}}) = a^2 - a^{-2}x^2 + 2a^{-6}x^2 - 4a^{-10}x^2 + 2a^{-10} + a^{-14}x^3 + 2a^{-14}x^2 - 2a^{-14}x - a^{-18}x^3 + a^{-18}x - a^{-18} + a^{-22}x$

$KBSM(5_{56}) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + 2a^6x^2 - 2a^2x^2 + a^{-2}x^3 + a^{-2}x^2 - 2a^{-2}x - a^{-6}x - a^{-6}$

$KBSM(\overline{5_{56}}) = -a^6 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + a^{-6}x^3 + a^{-6}x^2 - 2a^{-6}x + a^{-6} - 2a^{-10}x^2 - a^{-10}x + a^{-10} + a^{-14}x^2$

$KBSM(5_{57}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-18}x^2 + a^{-18} + a^{-22}$

$KBSM(\overline{5_{57}}) = a^{22} - a^{18}x^2 + a^{18} + a^{14}x^2 - a^{10}x^2 + a^6x^2 - a^2x^2$

$KBSM(5_{58}) = -a^4x + x^3 - a^{-4}x^3 + a^{-8}x^3 - a^{-12}x^3 + a^{-12}x + a^{-16}x$

$KBSM(\overline{5_{58}}) = a^{16}x - a^{12}x^3 + a^{12}x + a^8x^3 - a^4x^3 + x^3 - a^{-4}x$

$KBSM(5_{59}) = a^2x^2 - 3a^{-2}x^2 + a^{-2} + a^{-6}x^3 + 3a^{-6}x^2 - 2a^{-6}x - a^{-10}x^3 - 2a^{-10}x^2 + a^{-10}x + a^{-14}x^3 + a^{-14}x^2 - a^{-14}x - a^{-18}x - a^{-18}$

$KBSM(\overline{5_{59}}) = -a^{18} + 2a^{14}x^2 - a^{14} - 3a^{10}x^2 + a^{10} + a^6x^3 + 3a^6x^2 - 2a^6x - a^2x^3 - 2a^2x^2 + a^2x + a^{-2}x^3 - a^{-2}x + a^{-2} - a^{-6}x$

$KBSM(5_{60}) = a^8x - a^4x^3 + 2x^3 - 2a^{-4}x^3 + a^{-4}x + a^{-8}x^3 - a^{-12}x$

$KBSM(\overline{5_{60}}) = -a^{12}x + a^8x^3 - 2a^4x^3 + a^4x + 2x^3 - a^{-4}x^3 + a^{-8}x$

$KBSM(5_{61}) = a^2x^2 - 4a^{-2}x^2 + a^{-2} + a^{-6}x^3 + 4a^{-6}x^2 - 2a^{-6}x - a^{-6} - 2a^{-10}x^3 - 2a^{-10}x^2 + 3a^{-10}x - a^{-10} + a^{-14}x^3 + a^{-14}x^2 - a^{-18}x - a^{-18}$

$KBSM(\overline{5_{61}}) = -a^{18} + 2a^{14}x^2 - a^{14} - 4a^{10}x^2 + a^{10} + a^6x^3 + 4a^6x^2 - 2a^6x - a^6 - 2a^2x^3 - 2a^2x^2 + 3a^2x - a^2 + a^{-2}x^3 + a^{-2} - a^{-6}x$

$KBSM(5_{62}) = a^8x - 2a^4x^3 + 5x^3 - 4x - 4a^{-4}x^3 + 2a^{-4}x + 3a^{-8}x^3 - a^{-8}x^2 - 2a^{-8}x + a^{-8} - a^{-12}x^3 + a^{-12}x^2 - a^{-12}x + a^{-16}x - a^{-16}$

$KBSM(\overline{5_{62}}) = -a^{12}x + 2a^8x^3 - a^8x - 4a^4x^3 + 2a^4x + 5x^3 - 4x - 3a^{-4}x^3 + a^{-4}x^2 + a^{-4}x - a^{-4} +$

$a^{-8}x^3 - a^{-8}x^2 + a^{-8}x - a^{-12}x + a^{-12}$

$KBSM(5_{63}) = -a^6x^2 + 3a^2x^2 - a^2 - a^{-2}x^3 - 4a^{-2}x^2 + 2a^{-2}x + a^{-2} + 2a^{-6}x^3 + 2a^{-6}x^2 - 3a^{-6}x + a^{-6} - a^{-10}x^3 - a^{-10}x^2 + a^{-14}x + a^{-14}$

$KBSM(\overline{5_{63}}) = a^{14} - 2a^{10}x^2 + a^{10} + 4a^6x^2 - a^6 - a^2x^3 - 4a^2x^2 + 2a^2x + a^2 + 2a^{-2}x^3 + a^{-2}x^2 - 3a^{-2}x + a^{-2} - a^{-6}x^3 - a^{-6} + a^{-10}x$

$KBSM(5_{64}) = a^8x - 2a^4x^3 + a^4x + 4x^3 - 2x - 4a^{-4}x^3 + 3a^{-4}x + 3a^{-8}x^3 - a^{-8}x^2 - 2a^{-8}x + a^{-8} - a^{-12}x^3 + a^{-12}x^2 - a^{-12}x + a^{-16}x - a^{-16}$

$KBSM(\overline{5_{64}}) = -a^{12}x + 2a^8x^3 - a^8x - 4a^4x^3 + 3a^4x + 4x^3 - 2x - 3a^{-4}x^3 + a^{-4}x^2 + 2a^{-4}x - a^{-4} + a^{-8}x^3 - a^{-8}x^2 + a^{-8}x - a^{-12}x + a^{-12}$

$KBSM(5_{65}) = -a^6x^2 + 5a^2x^2 - 2a^2 - 2a^{-2}x^3 - 6a^{-2}x^2 + 4a^{-2}x + a^{-2} + 4a^{-6}x^3 + 3a^{-6}x^2 - 6a^{-6}x + a^{-6} - 3a^{-10}x^3 + 2a^{-10}x - 2a^{-10} + a^{-14}x^3 - a^{-14}x^2 + 2a^{-14}x + a^{-14} - a^{-18}x + a^{-18}$

$KBSM(\overline{5_{65}}) = a^{14} - 3a^{10}x^2 + a^{10} + 7a^6x^2 - 3a^6 - 3a^2x^3 - 5a^2x^2 + 6a^2x + 4a^{-2}x^3 + a^{-2}x^2 - 5a^{-2}x + 2a^{-2} - 2a^{-6}x^3 + a^{-6}x^2 - 2a^{-6} + a^{-10}x^3 - a^{-10}x^2 + a^{-10}x - a^{-14}x + a^{-14}$

$KBSM(5_{66}) = a^{10}x^2 - 2a^6x^2 + a^6 + a^2x^3 + 2a^2x^2 - 2a^2x - a^{-2}x^3 - 2a^{-2}x^2 + a^{-2}x + a^{-6}x^3 + a^{-6}x^2 - a^{-6}x - a^{-10}x - a^{-10}$

$KBSM(\overline{5_{66}}) = -a^{10} + 2a^6x^2 - a^6 - 3a^2x^2 + a^2 + a^{-2}x^3 + 2a^{-2}x^2 - 2a^{-2}x - a^{-6}x^3 - a^{-6}x^2 + a^{-6}x + a^{-10}x^3 - a^{-10}x + a^{-10} - a^{-14}x$

$KBSM(5_{67}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^3 + a^{-10}x^2 - 2a^{-10}x - a^{-14}x^3 + a^{-14}x - a^{-14} + a^{-18}x^3 - a^{-18}x - a^{-22}x$

$KBSM(\overline{5_{67}}) = a^{18}x^2 - a^{18} - a^{14}x^2 + a^{10}x^3 + a^{10}x^2 - 2a^{10}x - a^6x^3 + a^6x + a^2x^3 - a^2x^2 - a^2x + a^2 - a^{-2}x$

$KBSM(5_{68}) = -a^8x^3 + a^8x + 2a^4x^3 - 3a^4x - x^3 + x + 2a^{-4}x^3 - a^{-4}x^2 - 3a^{-4}x + a^{-4} - a^{-8}x^3 + a^{-8}x^2 + a^{-12}x - a^{-12}$

$KBSM(\overline{5_{68}}) = a^4x^3 - 2a^4x - x^3 + x + 2a^{-4}x^3 - 3a^{-4}x - 2a^{-8}x^3 + a^{-8}x^2 + 2a^{-8}x - a^{-8} + a^{-12}x^3 - a^{-12}x^2 - a^{-16}x + a^{-16}$

$KBSM(5_{69}) = a^{-2}x^2 - a^{-2} - a^{-6}x^3 - a^{-6}x^2 + 2a^{-6}x + 2a^{-10}x^3 - 3a^{-10}x + a^{-10} - 2a^{-14}x^3 + a^{-14}x^2 + 2a^{-14}x - a^{-14} + a^{-18}x^3 - a^{-18}x^2 + a^{-18}x - a^{-22}x + a^{-22}$

$KBSM(\overline{5_{69}}) = -a^{14}x^2 + a^{14} + 2a^{10}x^2 - a^{10} - 2a^6x^3 + 4a^6x - a^6 + 2a^2x^3 - a^2x^2 - 2a^2x + a^2 - a^{-2}x^3 + a^{-2}x^2 - a^{-2} + a^{-6}x^3 - a^{-6}x^2 - a^{-10}x + a^{-10}$

$KBSM(5_{70}) = a^{12}x^3 - a^{12}x - 2a^8x^3 + 2a^8x + 2a^4x^3 - 2a^4x - 2x^3 + x^2 + 3x - 1 + a^{-4}x^3 - a^{-4}x^2 - a^{-8}x + a^{-8}$

$KBSM(\overline{5_{70}}) = -x^3 + 2x + 2a^{-4}x^3 - 2a^{-4}x - 2a^{-8}x^3 + 2a^{-8}x + 2a^{-12}x^3 - a^{-12}x^2 - 2a^{-12}x + a^{-12} - a^{-16}x^3 + a^{-16}x^2 + a^{-20}x - a^{-20}$

$KBSM(5_{71}) = -a^6x^3 + 2a^6x + a^2x^3 - a^2x^2 - a^2x + a^{-2}x^2 - a^{-2}x - a^{-2} - a^{-6}$

$KBSM(\overline{5_{71}}) = -a^6 + a^2x^2 - a^2 - a^{-2} - a^{-6}x^2 + a^{-6} + a^{-10}x^3 - a^{-10}x^2 - 2a^{-10}x + a^{-10} - a^{-14}x^3 + a^{-14}x^2 + a^{-14}x - a^{-14} + a^{-18}x$

$KBSM(5_{72}) = a^{-8}x^3 - a^{-8}x - 2a^{-12}x^3 + 3a^{-12}x + 2a^{-16}x^3 - a^{-16}x^2 - 2a^{-16}x + a^{-16} - a^{-20}x^3 + a^{-20}x^2 + a^{-24}x - a^{-24}$

$KBSM(\overline{5_{72}}) = a^{16}x^3 - a^{16}x - 2a^{12}x^3 + 3a^{12}x + a^8x^3 - a^8x - a^4x^3 + a^4x^2 + a^4x - a^4 + x^3 - x^2 - a^{-4}x + a^{-4}$

$KBSM(5_{73}) = a^6x^2 - a^2x^3 - a^2x^2 + 2a^2x + a^{-2}x^3 - a^{-2}x - a^{-6}x^3 + a^{-6}x^2 + a^{-6}x - a^{-6} + a^{-10}x^3 - a^{-10}x^2 - a^{-14}x + a^{-14}$

$KBSM(\overline{5_{73}}) = a^2x^2 - a^2 - a^{-2}x^3 - a^{-2}x^2 + 2a^{-2}x + a^{-6}x^3 - a^{-6}x + a^{-6} - a^{-10}x^3 + a^{-10}x^2 + a^{-10}x - a^{-10} + a^{-14}x^3 - a^{-14}x^2 - a^{-18}x + a^{-18}$

$KBSM(5_{74}) = a^{-14}x^3 - a^{-14}x^2 - 2a^{-14}x + a^{-14} + a^{-18}x^2 - a^{-18}x - a^{-22}$

$KBSM(\overline{5_{74}}) = -a^{22} + a^{18}x^2 + a^6x^3 - a^6x^2 - 2a^6x + a^6 - a^2x$

$KBSM(\overline{5_{75}}) = a^2 - a^{-6}x^2 + a^{-6} + a^{-10}x^3 - a^{-10}x^2 - 2a^{-10}x + a^{-10} - a^{-14}x^3 + a^{-14}x^2 + a^{-14}x - a^{-14} + a^{-18}x$

$KBSM(5_{76}) = a^4x^3 - 2a^4x - x^3 + x + a^{-4}x^3 - 2a^{-4}x$

$KBSM(\overline{5_{76}}) = a^4x^3 - 2a^4x - x^3 + x + a^{-4}x^3 - 2a^{-4}x$

$KBSM(5_{77}) = -a^6x^2 + a^6 + 2a^2x^2 - a^2 - a^{-2}x^2 + a^{-6}x^3 - 2a^{-6}x + a^{-6} - a^{-10}x - a^{-10}$

$KBSM(\overline{5_{77}}) = -a^{10} + a^6x^2 - a^2x^2 + a^{-2}x^3 + a^{-2}x^2 - 2a^{-2}x - a^{-6}x^2 - a^{-6}x + a^{-6}$

$KBSM(5_{78}) = a^4x^3 - 2a^4x - x^3 + 2x + a^{-8}x$

$KBSM(\overline{5_{78}}) = a^8x - x^3 + 2x + a^{-4}x^3 - 2a^{-4}x$

$KBSM(5_{79}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + a^{-18}x^3 + a^{-18}x^2 - 2a^{-18}x + a^{-18} - a^{-22}x^3 +$

$a^{-22}x - a^{-22} + a^{-26}x$
$KBSM(\overline{5_{79}}) = -a^{22}x^2 + 2a^{18}x^2 - a^{14}x^3 - a^{14}x^2 + 2a^{14}x + a^{10}x^3 - a^{10}x + a^{10} - a^6x^2 - a^6x + a^6$
$KBSM(5_{80}) = a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^2 + a^{-2}x^3 - 2a^{-2}x + a^{-2} - a^{-6}x$
$KBSM(\overline{5_{80}}) = a^2x^2 - a^{-2}x^2 + a^{-6}x^3 - 2a^{-6}x + a^{-6} - a^{-10}x^2 - a^{-10}x + a^{-14}x^2 - a^{-14}$
$KBSM(5_{81}) = a^{-14}x^3 - a^{-14}x^2 - 2a^{-14}x + 2a^{-18}x^2 - a^{-18}x - a^{-18} - a^{-22}x^2 + a^{-26}$
$KBSM(\overline{5_{81}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - a^{18} - a^{14} + a^6x^3 - a^6x^2 - 2a^6x + a^6 - a^2x$
$KBSM(5_{82}) = -a^{-6}x^2 + a^{-10}x^3 + 2a^{-10}x^2 - 2a^{-10}x - a^{-10} - a^{-14}x^3 - a^{-14}x^2 + a^{-14}x + a^{-18}x^3 - a^{-18}x + a^{-18} - a^{-22}x$
$KBSM(\overline{5_{82}}) = a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^3 + 2a^{10}x^2 - 2a^{10}x - a^{10} - a^6x^3 + a^6x - a^6 + a^2x^3 - a^2x^2 - a^2x + a^2 - a^{-2}x$
$KBSM(5_{83}) = -a^4x^3 + a^4x + 2x^3 - x - 2a^{-4}x^3 + 2a^{-4}x + 2a^{-8}x^3 - a^{-8}x^2 - 2a^{-8}x + a^{-8} - a^{-12}x^3 + a^{-12}x^2 + a^{-16}x - a^{-16}$
$KBSM(\overline{5_{83}}) = a^8x^3 - a^8x - 2a^4x^3 + 2a^4x + 2x^3 - x - 2a^{-4}x^3 + a^{-4}x^2 + 2a^{-4}x - a^{-4} + a^{-8}x^3 - a^{-8}x^2 - a^{-12}x + a^{-12}$
$KBSM(5_{84}) = a^{-2}x^2 - a^{-6}x^3 - 2a^{-6}x^2 + 2a^{-6}x + a^{-6} + 2a^{-10}x^3 + a^{-10}x^2 - 3a^{-10}x - 2a^{-14}x^3 + a^{-14}x^2 + 2a^{-14}x - 2a^{-14} + a^{-18}x^3 - a^{-18}x^2 + a^{-18}x - a^{-22}x + a^{-22}$
$KBSM(\overline{5_{84}}) = -a^{14}x^2 + 3a^{10}x^2 - 2a^{10} - 2a^6x^3 - a^6x^2 + 4a^6x + 2a^2x^3 - a^2x^2 - 2a^2x + 2a^2 - a^{-2}x^3 + a^{-2}x^2 - a^{-2} + a^{-6}x^3 - a^{-6}x^2 - a^{-10}x + a^{-10}$
$KBSM(5_{85}) = -a^{-18}x^3 + a^{-18}x^2 + 2a^{-18}x - a^{-18} + a^{-22}x^3 - a^{-22}x^2 - a^{-26}x + a^{-26}$
$KBSM(\overline{5_{85}}) = -a^{10}x^3 + a^{10}x^2 + 2a^{10}x - a^{10} + a^6x + a^{-2}x^3 - a^{-2}x^2 - a^{-2}x - a^{-6}x + a^{-6}$
$KBSM(5_{86}) = a^{14} - a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-2} - a^{-6}$
$KBSM(\overline{5_{86}}) = -a^6 + a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 + a^{-14}$
$KBSM(5_{87}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18} + a^{-26}$
$KBSM(\overline{5_{87}}) = a^{26} + a^{18} - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2 + a^6$
$KBSM(5_{88}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + a^{-18}x^2 - a^{-22} + a^{-26}$
$KBSM(\overline{5_{88}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2 + a^6$
$KBSM(5_{89}) = -a^{-6}x^2 + 2a^{-10}x^2 - 2a^{-10} - 2a^{-14}x^2 + a^{-18}x^2 - a^{-22} + a^{-26}$
$KBSM(\overline{5_{89}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + 2a^{10}x^2 - 2a^{10} - a^6x^2$
$KBSM(5_{90}) = -a^{-2} + a^{-6} - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}x^2 + a^{-22}x^2 - a^{-22}$
$KBSM(\overline{5_{90}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6 - a^2$
$KBSM(5_{91}) = -a^{-2} - a^{-10} - a^{-18}x^2 + a^{-18} + a^{-22}x^2 - a^{-22}$
$KBSM(\overline{5_{91}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{18} - a^{10} - a^2$
$KBSM(5_{92}) = a^{-4}x - 2a^{-8}x + a^{-12}x^3 + a^{-12}x - a^{-16}x^3 + 2a^{-20}x - a^{-24}x$
$KBSM(\overline{5_{92}}) = -a^{24}x + 2a^{20}x - a^{16}x^3 + a^{12}x^3 + a^{12}x - 2a^8x + a^4x$
$KBSM(5_{93}) = -a^{-10}x^2 + a^{-10} + a^{-30}$
$KBSM(\overline{5_{93}}) = a^{30} - a^{10}x^2 + a^{10}$
$KBSM(5_{94}) = -a^{-6} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}x^2 + a^{-26}x^2 - a^{-26}$
$KBSM(\overline{5_{94}}) = a^{26}x^2 - a^{26} - a^{22}x^2 + a^{18}x^2 - a^{14}x^2 - a^6$
$KBSM(5_{95}) = -a^{-6} - a^{-14}x^2 - a^{-14} + 2a^{-18}x^2 - a^{-18} - 2a^{-22}x^2 + a^{-22} + a^{-26}x^2$
$KBSM(\overline{5_{95}}) = a^{26}x^2 - 2a^{22}x^2 + a^{22} + 2a^{18}x^2 - a^{18} - a^{14}x^2 - a^{14} - a^6$

2.10 Knots in $L(8,1)$

$KBSM(0_1) = x$
$KBSM(1_1) = -a^{-2}x^2 + a^{-2} + a^{-6}$
$KBSM(\overline{1_1}) = a^6 - a^2x^2 + a^2$
$KBSM(2_1) = -a^{-2}x^2 + a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{2_1}) = -a^{10} + a^6x^2 - a^6 - a^2x^2$
$KBSM(*2_2) = -a^4x + x^3 - x - a^{-4}x$

$KBSM(2_3) = a^{-4}x^3 - 2a^{-4}x - a^{-8}x$
$KBSM(\overline{2_3}) = -a^8x + a^4x^3 - 2a^4x$
$KBSM(3_1) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-8}x + a^{-12}x$
$KBSM(\overline{3_1}) = a^{12}x - a^8x^3 + a^8x + a^4x^3 - a^4x$
$KBSM(3_2) = a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$
$KBSM(\overline{3_2}) = a^2x^2 - a^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2$
$KBSM(3_3) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{3_3}) = a^{14} - a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2$
$KBSM(3_4) = -a^4x + x^3 - a^{-4}x^3 + a^{-4}x + a^{-8}x$
$KBSM(\overline{3_4}) = a^8x - a^4x^3 + a^4x + x^3 - a^{-4}x$
$KBSM(3_5) = a^2x^2 - a^{-2}x^4 + a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{3_5}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^2x^2 + a^{-2}x^2$
$KBSM(3_6) = -a^{-6}x^4 + 3a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10}$
$KBSM(\overline{3_6}) = a^{10}x^2 - a^{10} - a^6x^4 + 3a^6x^2 - a^6$
$KBSM(3_7) = -a^{-6}x^2 + a^{-6} + a^{-18}$
$KBSM(\overline{3_7}) = a^{18} - a^6x^2 + a^6$
$KBSM(3_8) = -a^{-2} - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(\overline{3_8}) = a^{14}x^2 - a^{14} - a^{10}x^2 - a^2$
$KBSM(4_1) = -a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 2a^{-10}x^2 + a^{-10} - a^{-14}x^2 + a^{-14}$
$KBSM(\overline{4_1}) = -a^{14}x^2 + a^{14} + a^{10}x^4 - 2a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2$
$KBSM(4_2) = -a^8x^3 + a^8x + a^4x^3 - a^4x + a^2x^3 - 2a^2x - a^{-2}x$
$KBSM(\overline{4_2}) = -x^3 + 2x + a^{-4}x^3 - a^{-4}x + a^{-6}x^3 - 2a^{-6}x - a^{-8}x - a^{-10}x$
$KBSM(4_3) = a^{-4}x^3 - 2a^{-8}x^3 + 2a^{-8}x + a^{-12}x^3 - a^{-16}x$
$KBSM(\overline{4_3}) = -a^{16}x + a^{12}x^3 - 2a^8x^3 + 2a^8x + a^4x^3$
$KBSM(4_4) = a^2x^2 - a^{-2}x^4 + a^{-2} + a^{-6}x^4 - a^{-6}x^2 + a^{-6} - a^{-10}x^2$
$KBSM(\overline{4_4}) = -a^{10}x^2 + a^6x^4 - a^6x^2 + a^6 - a^2x^4 + a^2 + a^{-2}x^2$
$KBSM(4_5) = -a^4x^3 + 2x^3 - x + a^{-2}x^3 - 2a^{-2}x - a^{-4}x^3 - a^{-6}x + a^{-8}x$
$KBSM(\overline{4_5}) = a^8x - 2a^4x^3 + 2a^4x + 2x^3 - x + a^{-2}x^3 - 2a^{-2}x - 2a^{-4}x - a^{-6}x$
$KBSM(4_6) = -a^{-6}x^2 + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{4_6}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2$
$KBSM(4_7) = a^{-4}x - a^{-8}x + a^{-12}x^3 - a^{-16}x^3 + a^{-20}x$
$KBSM(\overline{4_7}) = a^{20}x - a^{16}x^3 + a^{12}x^3 - a^8x + a^4x$
$KBSM(4_8) = -a^{16}x + a^{12}x - a^8x + a^4x^3 - a^4x - x$
$KBSM(\overline{4_8}) = -x + a^{-4}x^3 - a^{-4}x - a^{-8}x + a^{-12}x - a^{-16}x$
$KBSM(4_9) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2 + a^{-2}$
$KBSM(\overline{4_9}) = a^2 - a^{-2}x^2 + a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2$
$KBSM(4_{10}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{4_{10}}) = -a^{18} + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^2$
$KBSM(4_{11}) = -a^4x + x^3 - a^{-4}x^3 + a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(\overline{4_{11}}) = -a^{12}x + a^8x^3 - a^8x - a^4x^3 + x^3 - a^{-4}x$
$KBSM(4_{12}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 - 2a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{4_{12}}) = a^{14} - 2a^{10}x^2 + a^{10} + a^6x^4 - a^2x^4 + a^{-2}x^2$
$KBSM(*4_{13}) = a^8x - a^4x^3 + 2x^3 - x - a^{-4}x^3 + a^{-8}x$
$KBSM(*4_{14}) = a^8x - 2a^4x^3 + a^4x + 3x^3 - 2x + a^{-2}x^3 - 2a^{-2}x - a^{-4}x^3 - a^{-4}x - a^{-6}x + a^{-8}x$
$KBSM(4_{15}) = -a^6x^2 + a^2x^4 - a^2x^2 - a^{-2}x^4 + 2a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{4_{15}}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^2$
$KBSM(4_{16}) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-12}x^3 - a^{-12}x - a^{-16}x$
$KBSM(\overline{4_{16}}) = -a^{16}x + a^{12}x^3 - a^{12}x - a^8x^3 + a^4x^3 - a^4x$
$KBSM(4_{17}) = a^6x^2 - a^2x^4 + a^2x^2 + a^{-2}x^4 - 2a^{-2}x^2 + a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(\overline{4_{17}}) = -a^6x^2 + a^6 + a^2x^4 - 2a^2x^2 + a^2 - a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^2$

$KBSM(4_{18}) = -x^3 + x + 2a^{-4}x^3 - 2a^{-4}x + a^{-6}x^3 - 2a^{-6}x - a^{-8}x^3 - a^{-10}x + a^{-12}x$
$KBSM(\overline{4_{18}}) = a^{12}x - 2a^8x^3 + 2a^8x + 2a^4x^3 - 2a^4x + a^2x^3 - 2a^2x - x - a^{-2}x$
$KBSM(4_{19}) = -a^{10}x^2 + a^6x^4 - a^6x^2 - a^2x^4 + a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$
$KBSM(\overline{4_{19}}) = a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-6}x^2 - a^{-10}x^2$
$KBSM(4_{20}) = -a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^4 - a^{-10}x^2 - a^{-10} - a^{-14}x^2$
$KBSM(\overline{4_{20}}) = -a^{14}x^2 + a^{10}x^4 - a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6$
$KBSM(*4_{21}) = -a^4x^3 + a^4x + x^3 + a^{-2}x^3 - 2a^{-2}x - a^{-4}x - a^{-6}x$
$KBSM(4_{22}) = a^{-8}x^3 - 2a^{-8}x - a^{-16}x$
$KBSM(\overline{4_{22}}) = -a^{16}x + a^8x^3 - 2a^8x$
$KBSM(4_{23}) = -a^{12}x^3 + 2a^{12}x + a^8x^3 - a^8x$
$KBSM(\overline{4_{23}}) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(\overline{4_{24}}) = -a^{12}x^3 + 2a^{12}x + a^6x^3 - 2a^6x + a^4x^3 - 2a^4x - a^2x$
$KBSM(4_{25}) = -a^6x^2 + a^6 + a^2x^2 - a^2 - a^{-2} - a^{-10}$
$KBSM(\overline{4_{25}}) = -a^{10} - a^2 + a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(4_{26}) = -a^6x^2 + a^6 + a^2x^2 - a^{-2}x^2 + a^{-2} + a^{-6} - a^{-10}$
$KBSM(\overline{4_{26}}) = -a^{10} + a^6 - a^2x^2 + a^2 + a^{-2}x^2 - a^{-6}x^2 + a^{-6}$
$KBSM(*4_{27}) = a^8x - 2a^4x + x^3 - x - 2a^{-4}x + a^{-8}x$
$KBSM(5_1) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(\overline{5_1}) = -a^{12}x^3 + 2a^{12}x + a^8x^3 - a^8x$
$KBSM(5_2) = a^{-6} - a^{-10}x^4 + a^{-10}x^2 + a^{-14}x^4 - a^{-14}x^2 - a^{-18}x^2 + a^{-18}$
$KBSM(\overline{5_2}) = -a^{18}x^2 + a^{18} + a^{14}x^4 - a^{14}x^2 - a^{10}x^4 + a^{10}x^2 + a^6$
$KBSM(5_3) = -a^{12}x^3 + a^{12}x + 2a^8x^3 - 2a^8x - a^4x^3 + a^4x + x$
$KBSM(\overline{5_3}) = x - a^{-4}x^3 + a^{-4}x + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x^3 + a^{-12}x$
$KBSM(5_4) = a^{14}x^2 - a^{14} - a^6x^4 + 2a^6x^2 + a^2x^2 - a^2$
$KBSM(\overline{5_4}) = a^{-2}x^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(5_5) = a^{-8}x^3 - 2a^{-8}x + a^{-10}x^3 - 2a^{-10}x - a^{-12}x - a^{-14}x^3 + a^{-14}x + a^{-18}x$
$KBSM(\overline{5_5}) = a^{16}x^3 - 2a^{16}x - a^{12}x^3 + a^{12}x - a^{10}x^3 + 2a^{10}x + a^6x^3 - a^6x + a^4x^3 - 2a^4x - a^2x$
$KBSM(5_6) = a^{10}x^4 - 2a^{10}x^2 - a^6x^4 + 2a^6x^2 - a^2x^2 + a^2 + a^{-2}$
$KBSM(\overline{5_6}) = a^{-2}x^4 - 3a^{-2}x^2 + a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-14}$
$KBSM(5_7) = -a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^4 - 3a^{-10}x^2 - a^{-14}x^4 + a^{-14}x^2 - a^{-14} + a^{-18}x^2 - a^{-18}$
$KBSM(\overline{5_7}) = a^{18}x^2 - a^{18} - a^{14}x^4 + a^{14}x^2 - a^{14} + 2a^{10}x^4 - 3a^{10}x^2 - a^6x^4 + a^6x^2$
$KBSM(5_8) = -x^3 + x + 3a^{-4}x^3 - 4a^{-4}x + a^{-6}x^3 - 2a^{-6}x - a^{-8}x^3 - a^{-8}x - a^{-10}x^3 + a^{-10}x + a^{-12}x + a^{-14}x$
$KBSM(\overline{5_8}) = a^{12}x^3 - a^{12}x - 2a^8x^3 + a^8x - a^6x^3 + 2a^6x + 2a^4x^3 - 2a^4x + a^2x^3 - a^2x - x - a^{-2}x$
$KBSM(5_9) = a^6x^4 - a^6x^2 - 2a^2x^4 + 3a^2x^2 - a^2 + a^{-2}x^4 - 2a^{-2}x^2 + a^{-2} - a^{-6}x^2 + 2a^{-6}$
$KBSM(\overline{5_9}) = -a^6x^2 + a^6 + 2a^2x^4 - 4a^2x^2 + a^2 - 2a^{-2}x^4 + 3a^{-2}x^2 - a^{-2} + a^{-6}x^2 + a^{-10}$
$KBSM(5_{10}) = a^{-4}x^3 - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x^3 + a^{-20}x$
$KBSM(\overline{5_{10}}) = a^{20}x - a^{16}x^3 + 2a^{12}x^3 - a^{12}x - 2a^8x^3 + a^8x + a^4x^3$
$KBSM(5_{11}) = a^2x^2 - a^{-2}x^4 - a^{-2}x^2 + a^{-2} + 2a^{-6}x^4 - 2a^{-6}x^2 + a^{-6} - a^{-10}x^4 + a^{-14}x^2$
$KBSM(\overline{5_{11}}) = a^{14}x^2 - a^{10}x^4 + 2a^6x^4 - 2a^6x^2 + a^6 - a^2x^4 - a^2x^2 + a^2 + a^{-2}x^2$
$KBSM(5_{12}) = -x^3 + 4a^{-4}x^3 - 4a^{-4}x + a^{-6}x^3 - 2a^{-6}x - 3a^{-8}x^3 + a^{-8}x - a^{-10}x^3 + a^{-10}x + a^{-12}x^3 + a^{-12}x + a^{-14}x - a^{-16}x$
$KBSM(\overline{5_{12}}) = -a^{16}x + 2a^{12}x^3 - a^{12}x - 4a^8x^3 + 3a^8x - a^6x^3 + 2a^6x + 3a^4x^3 - 2a^4x + a^2x^3 - a^2x - 2x - a^{-2}x$
$KBSM(5_{13}) = -a^6x^2 + a^2x^4 - a^2 - 2a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-10}x^2$
$KBSM(\overline{5_{13}}) = -a^{10}x^2 + a^6x^4 - 2a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^4 - a^{-2} - a^{-6}x^2$
$KBSM(5_{14}) = -a^4x^3 + 3x^3 - 2x + a^{-2}x^3 - 2a^{-2}x - 2a^{-4}x^3 - a^{-6}x^3 + a^{-6}x + a^{-8}x^3 + a^{-10}x - a^{-12}x$
$KBSM(\overline{5_{14}}) = -a^{12}x + 2a^8x^3 - 2a^8x - 3a^4x^3 + 2a^4x - a^2x^3 + 2a^2x + 2x^3 + a^{-2}x^3 - a^{-2}x - 2a^{-4}x - a^{-6}x$
$KBSM(5_{15}) = -a^{10}x^2 + 2a^6x^4 - 2a^6x^2 + a^6 - 3a^2x^4 + 3a^2x^2 + a^{-2}x^4 - a^{-6}x^2 + a^{-6}$
$KBSM(\overline{5_{15}}) = -a^6x^2 + 2a^2x^4 - 2a^2x^2 - 3a^{-2}x^4 + 3a^{-2}x^2 + a^{-6}x^4 + a^{-6} - a^{-10}x^2 + a^{-10}$
$KBSM(5_{16}) = a^8x^3 - 3a^4x^3 + 2a^4x - a^2x^3 + 2a^2x + 3x^3 - x + a^{-2}x^3 - a^{-2}x - a^{-4}x^3 - a^{-4}x - a^{-6}x + a^{-8}x$
$KBSM(\overline{5_{16}}) = a^8x - 2a^4x^3 + a^4x + 4x^3 - 3x + a^{-2}x^3 - 2a^{-2}x - 2a^{-4}x^3 - a^{-6}x^3 + a^{-6}x + 2a^{-8}x + a^{-10}x$

$KBSM(5_{17}) = a^{14}x^2 - a^{10}x^4 + a^{10}x^2 - a^{10} + a^6x^4 + a^6x^2 - a^6 - a^2x^4 + a^{-2}x^2$

$KBSM(\overline{5_{17}}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 + a^{-6}x^2 - a^{-6} - a^{-10}x^4 + a^{-10}x^2 - a^{-10} + a^{-14}x^2$

$KBSM(5_{18}) = -a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^4 - 3a^{-10}x^2 + a^{-10} - a^{-14}x^4 + a^{-14} + a^{-18}x^2$

$KBSM(\overline{5_{18}}) = a^{18}x^2 - a^{14}x^4 + a^{14} + 2a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + a^6x^2$

$KBSM(5_{19}) = -a^4x^3 + 3x^3 - 3x + a^{-2}x^3 - 2a^{-2}x - a^{-4}x^3 - a^{-4}x - a^{-6}x^3 + a^{-6}x + a^{-8}x + a^{-10}x$

$KBSM(\overline{5_{19}}) = a^8x^3 - a^8x - 2a^4x^3 + a^4x - a^2x^3 + 2a^2x + 2x^3 - x + a^{-2}x^3 - a^{-2}x - 2a^{-4}x - a^{-6}x$

$KBSM(5_{20}) = a^2x^4 - a^2x^2 - 2a^{-2}x^4 + 2a^{-2}x^2 + a^{-6}x^4 - a^{-6}x^2 + a^{-6} - a^{-10}x^2 + a^{-10}$

$KBSM(\overline{5_{20}}) = -a^{10}x^2 + 2a^6x^4 - 3a^6x^2 + a^6 - 2a^2x^4 + 2a^2x^2 + a^{-2}x^2 + a^{-6}$

$KBSM(5_{21}) = a^{12}x^3 - 3a^8x^3 + 3a^8x - a^6x^3 + 2a^6x + 2a^4x^3 - a^4x + a^2x^3 - a^2x - x - a^{-2}x$

$KBSM(\overline{5_{21}}) = -x^3 + x + 3a^{-4}x^3 - 3a^{-4}x + a^{-6}x^3 - 2a^{-6}x - 2a^{-8}x^3 + a^{-8}x - a^{-10}x^3 + a^{-10}x + 2a^{-12}x + a^{-14}x$

$KBSM(5_{22}) = -a^6x^2 + a^2x^4 - a^2x^2 - a^{-2}x^4 + a^{-2} + a^{-6}x^2 + a^{-6}$

$KBSM(\overline{5_{22}}) = a^6x^2 + a^6 - a^2x^4 + a^2 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^2$

$KBSM(5_{23}) = -a^{12}x + a^8x^3 - a^8x - a^4x^3 + a^4x + 2x$

$KBSM(\overline{5_{23}}) = 2x - a^{-4}x^3 + a^{-4}x + a^{-8}x^3 - a^{-8}x - a^{-12}x$

$KBSM(5_{24}) = -a^{-6}x^4 + 3a^{-6}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}$

$KBSM(\overline{5_{24}}) = -a^{18} + a^{14}x^2 - a^{14} - a^6x^4 + 3a^6x^2$

$KBSM(5_{25}) = -a^{-6}x^2 + 2a^{-10}x^2 - a^{-14}x^4 - a^{-14}x^2 + a^{-14} + a^{-18}x^4 + a^{-18}x^2 - 2a^{-22}x^2 + a^{-26}$

$KBSM(\overline{5_{25}}) = a^{26} - 2a^{22}x^2 + a^{18}x^4 + a^{18}x^2 - a^{14}x^4 - a^{14}x^2 + a^{14} + 2a^{10}x^2 - a^6x^2$

$KBSM(5_{26}) = -x + a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-16}x^3 - a^{-16}x + a^{-20}x$

$KBSM(\overline{5_{26}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - 2a^8x^3 + a^8x + a^4x^3 + a^4x - x$

$KBSM(5_{27}) = -x + a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-16}x^3 - a^{-16}x + a^{-20}x$

$KBSM(\overline{5_{27}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - 2a^8x^3 + a^8x + a^4x^3 + a^4x - x$

$KBSM(5_{28}) = a^{14}x^2 - 2a^{10}x^2 + 3a^6x^2 - a^6 - a^2x^4 + 2a^{-2}x^2 - a^{-6}$

$KBSM(\overline{5_{28}}) = -a^6 + 2a^2x^2 - a^{-2}x^4 + 3a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^2$

$KBSM(5_{29}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 - a^{-10} + a^{-14}$

$KBSM(\overline{5_{29}}) = a^{14} - a^{10}x^2 - a^{10} + 2a^6x^2 - a^6 - 2a^2x^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$

$KBSM(5_{30}) = a^8x - a^4x + 2x - a^{-4}x^3 + a^{-8}x^3 - a^{-12}x$

$KBSM(\overline{5_{30}}) = -a^{12}x + a^8x^3 - a^4x^3 + 2x - a^{-4}x + a^{-8}x$

$KBSM(5_{31}) = a^8x - 2a^4x + x^3 + x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x^3 + a^{-8}x - a^{-12}x$

$KBSM(\overline{5_{31}}) = -a^{12}x + a^8x^3 + a^8x - 2a^4x^3 + a^4x + x^3 + x - 2a^{-4}x + a^{-8}x$

$KBSM(5_{32}) = a^8x - 2a^4x + x^3 - a^{-4}x^3 - a^{-4}x + a^{-8}x^3 - a^{-12}x$

$KBSM(\overline{5_{32}}) = -a^{12}x + a^8x^3 - a^4x^3 - a^4x + x^3 - 2a^{-4}x + a^{-8}x$

$KBSM(5_{33}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + a^{-2} + a^{-6}x^2 + a^{-6} - a^{-10}x^2 + a^{-14}$

$KBSM(\overline{5_{33}}) = a^{14} - a^{10}x^2 + a^6x^2 + a^6 - 2a^2x^2 + a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$

$KBSM(5_{34}) = -a^6x^2 + 3a^2x^2 - a^2 - a^{-2}x^4 + 3a^{-6}x^2 - a^{-6} - a^{-10}x^2 - a^{-10} + a^{-14}$

$KBSM(\overline{5_{34}}) = a^{14} - a^{10}x^2 - a^{10} + 3a^6x^2 - a^6 - a^2x^4 + 3a^{-2}x^2 - a^{-2} - a^{-6}x^2$

$KBSM(5_{35}) = -a^{-6}x^2 + 2a^{-10}x^2 - a^{-10} - a^{-14}x^4 - a^{-14} + a^{-18}x^4 + a^{-18}x^2 - a^{-18} - 2a^{-22}x^2 + a^{-26}$

$KBSM(\overline{5_{35}}) = a^{26} - 2a^{22}x^2 + a^{18}x^4 + a^{18}x^2 - a^{18} - a^{14}x^4 - a^{14} + 2a^{10}x^2 - a^{10} - a^6x^2$

$KBSM(5_{36}) = -x + a^{-4}x^3 - a^{-8}x^3 - a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x^3 - a^{-16}x + a^{-20}x$

$KBSM(\overline{5_{36}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - a^{12}x - a^8x^3 - a^8x + a^4x^3 - x$

$KBSM(5_{37}) = a^{14}x^2 - 2a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-6}$

$KBSM(\overline{5_{37}}) = -a^6 + a^2x^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^2$

$KBSM(5_{38}) = -a^{-2} + a^{-6}x^2 - a^{-6} - a^{-10}x^4 + a^{-10}x^2 - a^{-10} + a^{-14}x^4 - a^{-14}x^2 - a^{-18}x^2 + a^{-18}$

$KBSM(\overline{5_{38}}) = -a^{18}x^2 + a^{18} + a^{14}x^4 - a^{14}x^2 - a^{10}x^4 + a^{10}x^2 - a^{10} + a^6x^2 - a^6 - a^2$

$KBSM(5_{39}) = -a^{12}x^3 + a^{12}x + 2a^8x^3 - 2a^8x - a^4x^3 + x^3 - x - a^{-4}x$

$KBSM(\overline{5_{39}}) = -a^4x + x^3 - x - a^{-4}x^3 + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x^3 + a^{-12}x$

$KBSM(5_{40}) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + a^{-12}x + a^{-16}x^3 - a^{-16}x - a^{-20}x^3 + a^{-20}x + a^{-24}x$

$KBSM(\overline{5_{40}}) = a^{24}x - a^{20}x^3 + a^{20}x + a^{16}x^3 - a^{16}x - a^{12}x^3 + a^{12}x + a^8x^3 - a^8x$

$KBSM(5_{41}) = a^{18} + a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6 + a^2x^2 - a^2$

$KBSM(\overline{5_{41}}) = a^{-2}x^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10} + a^{-18}$
$KBSM(5_{42}) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-12}x^3 - a^{-16}x^3 + a^{-16}x + a^{-20}x$
$KBSM(\overline{5_{42}}) = a^{20}x - a^{16}x^3 + a^{16}x + a^{12}x^3 - a^8x^3 + a^4x^3 - a^4x$
$KBSM(5_{43}) = a^6x^2 - a^2x^4 + a^2x^2 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10}$
$KBSM(\overline{5_{43}}) = a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6 + a^2x^4 - a^2x^2 - a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^2$
$KBSM(5_{44}) = -x^3 + x + 3a^{-4}x^3 - 3a^{-4}x + a^{-6}x^3 - 2a^{-6}x - 2a^{-8}x^3 - a^{-10}x^3 + a^{-10}x + a^{-12}x^3 + a^{-14}x - a^{-16}x$
$KBSM(\overline{5_{44}}) = -a^{16}x + 2a^{12}x^3 - 2a^{12}x - 3a^8x^3 + 2a^8x - a^6x^3 + 2a^6x + 2a^4x^3 - a^4x + a^2x^3 - a^2x - x - a^{-2}x$
$KBSM(5_{45}) = -a^{10}x^2 + a^6x^4 - 2a^2x^4 + 2a^2x^2 + a^{-2}x^4 - a^{-2}x^2 + a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(\overline{5_{45}}) = -a^6x^2 + a^6 + a^2x^4 - a^2x^2 + a^2 - 2a^{-2}x^4 + 2a^{-2}x^2 + a^{-6}x^4 - a^{-10}x^2$
$KBSM(5_{46}) = -x^3 + x + 3a^{-4}x^3 - 2a^{-4}x + a^{-6}x^3 - 2a^{-6}x - 3a^{-8}x^3 + 2a^{-8}x - a^{-10}x^3 + a^{-10}x + a^{-12}x^3 + a^{-12}x + a^{-14}x - a^{-16}x$
$KBSM(\overline{5_{46}}) = -a^{16}x + 2a^{12}x^3 - a^{12}x - 4a^8x^3 + 4a^8x - a^6x^3 + 2a^6x + 2a^4x^3 + a^2x^3 - a^2x - x - a^{-2}x$
$KBSM(5_{47}) = -a^{10}x^2 + 2a^6x^4 - 2a^6x^2 - 3a^2x^4 + 4a^2x^2 - a^2 + a^{-2}x^4 - a^{-2}x^2 + a^{-2} - a^{-6}x^2 + 2a^{-6}$
$KBSM(\overline{5_{47}}) = -a^6x^2 + a^6 + 2a^2x^4 - 3a^2x^2 + a^2 - 3a^{-2}x^4 + 4a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-10}x^2 + a^{-10}$
$KBSM(5_{48}) = a^4x^3 - a^4x - 2x^3 + 2x - a^{-2}x^3 + 2a^{-2}x + 2a^{-4}x^3 - a^{-4}x + a^{-6}x^3 - a^{-6}x - a^{-8}x^3 - a^{-10}x + a^{-12}x$
$KBSM(\overline{5_{48}}) = a^{12}x - 2a^8x^3 + 2a^8x + 3a^4x^3 - 3a^4x + a^2x^3 - 2a^2x - x^3 - a^{-2}x^3 + a^{-2}x + a^{-4}x + a^{-6}x$
$KBSM(5_{49}) = a^{14}x^2 - a^{10}x^4 + a^{10}x^2 + a^6x^4 - a^2x^4 + a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$
$KBSM(\overline{5_{49}}) = a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-10}x^4 + a^{-10}x^2 + a^{-14}x^2$
$KBSM(5_{50}) = -a^{-6}x^2 + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + 2a^{-18}x^2 - a^{-22}x^2 + a^{-26}$
$KBSM(\overline{5_{50}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2$
$KBSM(5_{51}) = a^{-4}x - a^{-8}x + a^{-12}x^3 + a^{-12}x - 2a^{-16}x^3 + a^{-16}x + a^{-20}x^3 - a^{-24}x$
$KBSM(\overline{5_{51}}) = -a^{24}x + a^{20}x^3 - 2a^{16}x^3 + a^{16}x + a^{12}x^3 + a^{12}x - a^8x + a^4x$
$KBSM(5_{52}) = -a^{16}x + a^{12}x - a^8x + a^4x^3 - x^3 + x + a^{-4}x$
$KBSM(\overline{5_{52}}) = a^4x - x^3 + x + a^{-4}x^3 - a^{-8}x + a^{-12}x - a^{-16}x$
$KBSM(5_{53}) = a^{-2}x^2 - a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{5_{53}}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + 2a^{10}x^2 - a^{10} - a^6x^4 + a^6x^2 + a^2x^2$
$KBSM(5_{54}) = a^{20}x - a^{16}x^3 + a^{12}x^3 + a^{12}x - a^8x^3 + a^4x^3 - x$
$KBSM(\overline{5_{54}}) = -x + a^{-4}x^3 - a^{-8}x^3 + a^{-12}x^3 + a^{-12}x - a^{-16}x^3 + a^{-20}x$
$KBSM(5_{55}) = -a^{18}x^2 + a^{14}x^4 - a^{10}x^4 - a^{10}x^2 + a^{10} + 2a^6x^2 - a^2x^2 + a^{-2}$
$KBSM(\overline{5_{55}}) = a^2 - a^{-2}x^2 + 2a^{-6}x^2 - a^{-10}x^4 - a^{-10}x^2 + a^{-10} + a^{-14}x^4 - a^{-18}x^2$
$KBSM(5_{56}) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + 2a^6x^2 - a^2x^4 + a^2x^2 - a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}$
$KBSM(\overline{5_{56}}) = -a^6 + 2a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + 2a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2$
$KBSM(5_{57}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-18}x^2 + a^{-18} + a^{-22}$
$KBSM(\overline{5_{57}}) = a^{22} - a^{18}x^2 + a^{18} + a^{14}x^2 - a^{10}x^2 + a^6x^2 - a^2x^2$
$KBSM(5_{58}) = -a^4x + x^3 - a^{-4}x^3 + a^{-8}x^3 - a^{-12}x^3 + a^{-12}x + a^{-16}x$
$KBSM(\overline{5_{58}}) = a^{16}x - a^{12}x^3 + a^{12}x + a^8x^3 - a^4x^3 + x^3 - a^{-4}x$
$KBSM(5_{59}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 + a^{-6}x^2 - a^{-10}x^4 + 2a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{5_{59}}) = -a^{18} + 2a^{14}x^2 - a^{14} - a^{10}x^4 + a^6x^4 + a^6x^2 - a^2x^4 + a^{-2}x^2$
$KBSM(5_{60}) = a^8x - a^4x^3 + 2x^3 - 2a^{-4}x^3 + a^{-4}x + a^{-8}x^3 - a^{-12}x$
$KBSM(\overline{5_{60}}) = -a^{12}x + a^8x^3 - 2a^4x^3 + a^4x + 2x^3 - a^{-4}x^3 + a^{-8}x$
$KBSM(5_{61}) = a^2x^2 - a^{-2}x^4 - a^{-2}x^2 + 2a^{-6}x^4 - a^{-6}x^2 - a^{-10}x^4 - a^{-10}x^2 + 2a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{5_{61}}) = -a^{18} + 2a^{14}x^2 - a^{14} - a^{10}x^4 - a^{10}x^2 + 2a^6x^4 - a^6x^2 - a^2x^4 - a^2x^2 + a^{-2}x^2$
$KBSM(5_{62}) = a^8x - 2a^4x^3 + 5x^3 - 4x + a^{-2}x^3 - 2a^{-2}x - 3a^{-4}x^3 - a^{-6}x^3 + a^{-6}x + a^{-8}x^3 + a^{-8}x + a^{-10}x - a^{-12}x$
$KBSM(\overline{5_{62}}) = -a^{12}x + 2a^8x^3 - a^8x - 4a^4x^3 + 2a^4x - a^2x^3 + 2a^2x + 4x^3 - 2x + a^{-2}x^3 - a^{-2}x - a^{-4}x^3 - 2a^{-4}x - a^{-6}x + a^{-8}x$
$KBSM(5_{63}) = -a^6x^2 + a^2x^4 - 2a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^4 + a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{5_{63}}) = a^{14} - 2a^{10}x^2 + a^{10} + a^6x^4 + a^6x^2 - 2a^2x^4 + a^2x^2 + a^{-2}x^4 - a^{-6}x^2$

$KBSM(5_{64}) = a^8x - 2a^4x^3 + a^4x + 4x^3 - 2x + a^{-2}x^3 - 2a^{-2}x - 3a^{-4}x^3 + a^{-4}x - a^{-6}x^3 + a^{-6}x + a^{-8}x^3 + a^{-8}x + a^{-10}x - a^{-12}x$
$KBSM(\overline{5_{64}}) = -a^{12}x + 2a^8x^3 - a^8x - 4a^4x^3 + 3a^4x - a^2x^3 + 2a^2x + 3x^3 + a^{-2}x^3 - a^{-2}x - a^{-4}x^3 - a^{-4}x - a^{-6}x + a^{-8}x$
$KBSM(5_{65}) = -a^6x^2 + 2a^2x^4 - a^2x^2 - 4a^{-2}x^4 + 4a^{-2}x^2 - a^{-2} + 2a^{-6}x^4 - 3a^{-10}x^2 + 2a^{-10} + a^{-14}$
$KBSM(\overline{5_{65}}) = a^{14} - 3a^{10}x^2 + a^{10} + 3a^6x^4 - 2a^6x^2 - 4a^2x^4 + 4a^2x^2 - a^2 + a^{-2}x^4 + a^{-2}x^2 - a^{-6}x^2 + a^{-6}$
$KBSM(5_{66}) = a^{10}x^2 - a^6x^4 + a^6x^2 + a^2x^4 - a^{-2}x^4 + 2a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{5_{66}}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^{-2}x^4 - a^{-6}x^4 + a^{-6}x^2 + a^{-10}x^2$
$KBSM(5_{67}) = -a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - a^{-10}x^2 - a^{-14}x^4 + 2a^{-14}x^2 - a^{-14} + a^{-18}x^2 - a^{-18}$
$KBSM(\overline{5_{67}}) = a^{18}x^2 - a^{18} - a^{14}x^4 + 2a^{14}x^2 - a^{14} + a^{10}x^4 - a^{10}x^2 - a^6x^4 + 2a^6x^2$
$KBSM(5_{68}) = -a^8x^3 + a^8x + 2a^4x^3 - 3a^4x + a^2x^3 - 2a^2x - x - a^{-2}x^3 + a^{-2}x + a^{-6}x$
$KBSM(\overline{5_{68}}) = a^4x^3 - 2a^4x - x^3 + x - a^{-2}x^3 + 2a^{-2}x + a^{-4}x^3 - a^{-4}x + a^{-6}x^3 - a^{-6}x - a^{-8}x - a^{-10}x$
$KBSM(5_{69}) = a^{-2}x^4 - 2a^{-2}x^2 - 2a^{-6}x^4 + 4a^{-6}x^2 - a^{-6} + a^{-10}x^4 - 2a^{-10}x^2 + a^{-10} - a^{-14}x^2 + 2a^{-14}$
$KBSM(\overline{5_{69}}) = -a^{14}x^2 + a^{14} + 2a^{10}x^4 - 4a^{10}x^2 + a^{10} - 2a^6x^4 + 4a^6x^2 - a^6 + a^{-2}$
$KBSM(5_{70}) = a^{12}x^3 - a^{12}x - 2a^8x^3 + 2a^8x - a^6x^3 + 2a^6x + a^4x^3 + a^2x^3 - a^2x - a^{-2}x$
$KBSM(\overline{5_{70}}) = -x^3 + 2x + 2a^{-4}x^3 - 2a^{-4}x + a^{-6}x^3 - 2a^{-6}x - a^{-8}x^3 - a^{-10}x^3 + a^{-10}x + a^{-12}x + a^{-14}x$
$KBSM(5_{71}) = a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2 - a^2 + a^{-2}x^2 - a^{-2} - a^{-6}$
$KBSM(\overline{5_{71}}) = -a^6 + a^2x^2 - a^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 3a^{-10}x^2 + a^{-10}$
$KBSM(5_{72}) = a^{-8}x^3 - a^{-8}x + a^{-10}x^3 - 2a^{-10}x - a^{-12}x^3 + a^{-12}x - a^{-14}x^3 + a^{-14}x + a^{-16}x + a^{-18}x$
$KBSM(\overline{5_{72}}) = a^{16}x^3 - a^{16}x - 2a^{12}x^3 + 3a^{12}x - a^{10}x^3 + 2a^{10}x + a^8x + a^6x^3 - a^6x + a^4x^3 - 2a^4x - a^2x$
$KBSM(5_{73}) = a^6x^4 - 2a^6x^2 + a^6 - a^2x^4 + a^2x^2 + a^{-6}$
$KBSM(\overline{5_{73}}) = a^2x^4 - 2a^2x^2 - a^{-2}x^4 + a^{-2}x^2 + a^{-6} + a^{-10}$
$KBSM(5_{74}) = -a^{-10}x^4 + 3a^{-10}x^2 - a^{-10} + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{5_{74}}) = -a^{22} + a^{18}x^2 - a^{10}x^4 + 3a^{10}x^2 - a^{10}$
$KBSM(\overline{5_{75}}) = a^2 - a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 3a^{-10}x^2 + a^{-10}$
$KBSM(5_{76}) = a^4x^3 - 2a^4x - x^3 + x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(\overline{5_{76}}) = a^4x^3 - 2a^4x - x^3 + x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(5_{77}) = -a^6x^2 + a^6 + 2a^2x^2 - a^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2 - a^{-10}$
$KBSM(\overline{5_{77}}) = -a^{10} + a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(5_{78}) = a^4x^3 - 2a^4x - x^3 + 2x + a^{-8}x$
$KBSM(\overline{5_{78}}) = a^8x - x^3 + 2x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(5_{79}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - a^{-14}x^4 + a^{-14}x^2 + a^{-18}x^4 - a^{-18}x^2 + a^{-18} - a^{-22}x^2$
$KBSM(\overline{5_{79}}) = -a^{22}x^2 + a^{18}x^4 - a^{18}x^2 + a^{18} - a^{14}x^4 + a^{14}x^2 + a^{10}x^2 - a^6x^2 + a^6$
$KBSM(5_{80}) = a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^2$
$KBSM(\overline{5_{80}}) = a^2x^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(5_{81}) = -a^{-10}x^4 + 3a^{-10}x^2 - a^{-10} - a^{-14} + 2a^{-18}x^2 - a^{-18} - a^{-22}x^2 + a^{-26}$
$KBSM(\overline{5_{81}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - a^{18} - a^{14} - a^{10}x^4 + 3a^{10}x^2 - a^{10}$
$KBSM(5_{82}) = -a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^4 - a^{-10} - a^{-14}x^4 + a^{-14}x^2 + a^{-18}x^2$
$KBSM(\overline{5_{82}}) = a^{18}x^2 - a^{14}x^4 + a^{14}x^2 + a^{10}x^4 - a^{10} - a^6x^4 + 2a^6x^2 - a^6$
$KBSM(5_{83}) = -a^4x^3 + a^4x + 2x^3 - x + a^{-2}x^3 - 2a^{-2}x - a^{-4}x^3 - a^{-6}x^3 + a^{-6}x + a^{-8}x + a^{-10}x$
$KBSM(\overline{5_{83}}) = a^8x^3 - a^8x - 2a^4x^3 + 2a^4x - a^2x^3 + 2a^2x + x^3 + x + a^{-2}x^3 - a^{-2}x - a^{-4}x - a^{-6}x$
$KBSM(5_{84}) = a^{-2}x^4 - 2a^{-2}x^2 + a^{-2} - 2a^{-6}x^4 + 3a^{-6}x^2 + a^{-10}x^4 - a^{-10}x^2 - a^{-14}x^2 + a^{-14}$
$KBSM(\overline{5_{84}}) = -a^{14}x^2 + 2a^{10}x^4 - 3a^{10}x^2 - 2a^6x^4 + 3a^6x^2 + a^2 + a^{-2}$
$KBSM(\overline{5_{85}}) = a^{14}x^4 - 3a^{14}x^2 + a^{14} - a^6x^4 + 2a^6x^2 + a^2$
$KBSM(5_{86}) = a^{14} - a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-2} - a^{-6}$
$KBSM(\overline{5_{86}}) = -a^6 + a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 + a^{-14}$
$KBSM(5_{87}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18} + a^{-26}$
$KBSM(\overline{5_{87}}) = a^{26} + a^{18} - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2 + a^6$
$KBSM(5_{88}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + a^{-18}x^2 - a^{-22} + a^{-26}$
$KBSM(\overline{5_{88}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2 + a^6$

$KBSM(5_{89}) = -a^{-6}x^2 + 2a^{-10}x^2 - 2a^{-10} - 2a^{-14}x^2 + a^{-18}x^2 - a^{-22} + a^{-26}$
$KBSM(\overline{5_{89}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + 2a^{10}x^2 - 2a^{10} - a^6x^2$
$KBSM(5_{90}) = -a^{-2} + a^{-6} - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}x^2 + a^{-22}x^2 - a^{-22}$
$KBSM(\overline{5_{90}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6 - a^2$
$KBSM(5_{91}) = -a^{-2} - a^{-10} - a^{-18}x^2 + a^{-18} + a^{-22}x^2 - a^{-22}$
$KBSM(\overline{5_{91}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{18} - a^{10} - a^2$
$KBSM(5_{92}) = a^{-4}x - 2a^{-8}x + a^{-12}x^3 + a^{-12}x - a^{-16}x^3 + 2a^{-20}x - a^{-24}x$
$KBSM(\overline{5_{92}}) = -a^{24}x + 2a^{20}x - a^{16}x^3 + a^{12}x^3 + a^{12}x - 2a^8x + a^4x$
$KBSM(5_{93}) = -a^{-10}x^2 + a^{-10} + a^{-30}$
$KBSM(\overline{5_{93}}) = a^{30} - a^{10}x^2 + a^{10}$
$KBSM(5_{94}) = -a^{-6} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}x^2 + a^{-26}x^2 - a^{-26}$
$KBSM(\overline{5_{94}}) = a^{26}x^2 - a^{26} - a^{22}x^2 + a^{18}x^2 - a^{14}x^2 - a^6$
$KBSM(5_{95}) = -a^{-6} - a^{-14}x^2 - a^{-14} + 2a^{-18}x^2 - a^{-18} - 2a^{-22}x^2 + a^{-22} + a^{-26}x^2$
$KBSM(\overline{5_{95}}) = a^{26}x^2 - 2a^{22}x^2 + a^{22} + 2a^{18}x^2 - a^{18} - a^{14}x^2 - a^{14} - a^6$

2.11 Knots in $L(8,3)$

$KBSM(0_1) = x$
$KBSM(1_1) = -a^{-2}x^2 + a^{-2} + a^{-6}$
$KBSM(\overline{1_1}) = a^6 - a^2x^2 + a^2$
$KBSM(2_1) = -a^{-2}x^2 + a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{2_1}) = -a^{10} + a^6x^2 - a^6 - a^2x^2$
$KBSM(*2_2) = -a^4x + x^3 - x - a^{-4}x$
$KBSM(2_3) = a^{-4}x^3 - 2a^{-4}x - a^{-8}x$
$KBSM(\overline{2_3}) = -a^8x + a^4x^3 - 2a^4x$
$KBSM(3_1) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-8}x + a^{-12}x$
$KBSM(\overline{3_1}) = a^{12}x - a^8x^3 + a^8x + a^4x^3 - a^4x$
$KBSM(3_2) = a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$
$KBSM(\overline{3_2}) = a^2x^2 - a^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2$
$KBSM(3_3) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{3_3}) = a^{14} - a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2$
$KBSM(3_4) = -a^4x + x^3 - a^{-4}x^3 + a^{-4}x + a^{-8}x$
$KBSM(\overline{3_4}) = a^8x - a^4x^3 + a^4x + x^3 - a^{-4}x$
$KBSM(3_5) = a^2x^2 - a^{-2}x^4 + a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{3_5}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^2x^2 + a^{-2}x^2$
$KBSM(3_6) = -a^{-6}x^4 + 3a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10}$
$KBSM(\overline{3_6}) = a^{10}x^2 - a^{10} - a^6x^4 + 3a^6x^2 - a^6$
$KBSM(3_7) = -a^{-6}x^2 + a^{-6} + a^{-18}$
$KBSM(\overline{3_7}) = a^{18} - a^6x^2 + a^6$
$KBSM(3_8) = -a^{-2} - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(\overline{3_8}) = a^{14}x^2 - a^{14} - a^{10}x^2 - a^2$
$KBSM(4_1) = -a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 2a^{-10}x^2 + a^{-10} - a^{-14}x^2 + a^{-14}$
$KBSM(\overline{4_1}) = -a^{14}x^2 + a^{14} + a^{10}x^4 - 2a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2$
$KBSM(4_2) = -a^8x^3 + a^8x + a^4x^3 - a^4x - x^3 + 2x + a^{-2}x^3 - 2a^{-2}x + a^{-4}x^3 - 2a^{-4}x - a^{-6}x$
$KBSM(\overline{4_2}) = -x^3 + 2x + a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-8}x + a^{-10}x^3 - 2a^{-10}x + a^{-12}x^3 - 2a^{-12}x - a^{-14}x$
$KBSM(4_3) = a^{-4}x^3 - 2a^{-8}x^3 + 2a^{-8}x + a^{-12}x^3 - a^{-16}x$
$KBSM(\overline{4_3}) = -a^{16}x + a^{12}x^3 - 2a^8x^3 + 2a^8x + a^4x^3$
$KBSM(4_4) = a^2x^2 - a^{-2}x^4 + a^{-2} + a^{-6}x^4 - a^{-6}x^2 + a^{-6} - a^{-10}x^2$
$KBSM(\overline{4_4}) = -a^{10}x^2 + a^6x^4 - a^6x^2 + a^6 - a^2x^4 + a^2 + a^{-2}x^2$

$KBSM(4_5) = -a^4x^3 + 2x^3 - x - 2a^{-4}x^3 + 2a^{-4}x + a^{-6}x^3 - 2a^{-6}x + a^{-8}x^3 - a^{-8}x - a^{-10}x$
$KBSM(\overline{4_5}) = a^8x - 2a^4x^3 + 2a^4x + 2x^3 - x - a^{-4}x^3 + a^{-6}x^3 - 2a^{-6}x + a^{-8}x^3 - 2a^{-8}x - a^{-10}x$
$KBSM(4_6) = -a^{-6}x^2 + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{4_6}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2$
$KBSM(4_7) = a^{-4}x - a^{-8}x + a^{-12}x^3 - a^{-16}x^3 + a^{-20}x$
$KBSM(\overline{4_7}) = a^{20}x - a^{16}x^3 + a^{12}x^3 - a^8x + a^4x$
$KBSM(4_8) = -a^{16}x + a^{12}x - a^8x + a^4x^3 - a^4x - x$
$KBSM(\overline{4_8}) = -x + a^{-4}x^3 - a^{-4}x - a^{-8}x + a^{-12}x - a^{-16}x$
$KBSM(4_9) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2 + a^{-2}$
$KBSM(\overline{4_9}) = a^2 - a^{-2}x^2 + a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2$
$KBSM(4_{10}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{4_{10}}) = -a^{18} + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^2$
$KBSM(4_{11}) = -a^4x + x^3 - a^{-4}x^3 + a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(\overline{4_{11}}) = -a^{12}x + a^8x^3 - a^8x - a^4x^3 + x^3 - a^{-4}x$
$KBSM(4_{12}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 - 2a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{4_{12}}) = a^{14} - 2a^{10}x^2 + a^{10} + a^6x^4 - a^2x^4 + a^{-2}x^2$
$KBSM(*4_{13}) = a^8x - a^4x^3 + 2x^3 - x - a^{-4}x^3 + a^{-8}x$
$KBSM(*4_{14}) = a^8x - 2a^4x^3 + a^4x + 3x^3 - 2x - 2a^{-4}x^3 + a^{-4}x + a^{-6}x^3 - 2a^{-6}x + a^{-8}x^3 - a^{-8}x - a^{-10}x$
$KBSM(4_{15}) = -a^6x^2 + a^2x^4 - a^2x^2 - a^{-2}x^4 + 2a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{4_{15}}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^2$
$KBSM(4_{16}) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-12}x^3 - a^{-12}x - a^{-16}x$
$KBSM(\overline{4_{16}}) = -a^{16}x + a^{12}x^3 - a^{12}x - a^8x^3 + a^4x^3 - a^4x$
$KBSM(4_{17}) = a^6x^2 - a^2x^4 + a^2x^2 + a^{-2}x^4 - 2a^{-2}x^2 + a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(\overline{4_{17}}) = -a^6x^2 + a^6 + a^2x^4 - 2a^2x^2 + a^2 - a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^2$
$KBSM(4_{18}) = -x^3 + x + 2a^{-4}x^3 - 2a^{-4}x - 2a^{-8}x^3 + 2a^{-8}x + a^{-10}x^3 - 2a^{-10}x + a^{-12}x^3 - a^{-12}x - a^{-14}x$
$KBSM(\overline{4_{18}}) = a^{12}x - 2a^8x^3 + 2a^8x + 2a^4x^3 - 2a^4x - x^3 + x + a^{-2}x^3 - 2a^{-2}x + a^{-4}x^3 - 2a^{-4}x - a^{-6}x$
$KBSM(4_{19}) = -a^{10}x^2 + a^6x^4 - a^6x^2 - a^2x^4 + a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$
$KBSM(\overline{4_{19}}) = a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-6}x^2 - a^{-10}x^2$
$KBSM(4_{20}) = -a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^4 - a^{-10}x^2 - a^{-10} - a^{-14}x^2$
$KBSM(\overline{4_{20}}) = -a^{14}x^2 + a^{10}x^4 - a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6$
$KBSM(*4_{21}) = -a^4x^3 + a^4x + x^3 - a^{-4}x^3 + a^{-4}x + a^{-6}x^3 - 2a^{-6}x + a^{-8}x^3 - 2a^{-8}x - a^{-10}x$
$KBSM(4_{22}) = a^{-8}x^3 - 2a^{-8}x - a^{-16}x$
$KBSM(\overline{4_{22}}) = -a^{16}x + a^8x^3 - 2a^8x$
$KBSM(4_{23}) = -a^{12}x^3 + 2a^{12}x + a^8x^3 - a^8x$
$KBSM(\overline{4_{23}}) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(4_{24}) = -a^{-12}x^3 + 2a^{-12}x + a^{-14}x^3 - 2a^{-14}x + a^{-16}x^3 - 2a^{-16}x - a^{-18}x$
$KBSM(\overline{4_{24}}) = -a^{12}x^3 + 2a^{12}x + a^2x^3 - 2a^2x + x^3 - 2x - a^{-2}x$
$KBSM(4_{25}) = -a^6x^2 + a^6 + a^2x^2 - a^2 - a^{-2} - a^{-10}$
$KBSM(\overline{4_{25}}) = -a^{10} - a^2 + a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(4_{26}) = -a^6x^2 + a^6 + a^2x^2 - a^{-2}x^2 + a^{-2} + a^{-6} - a^{-10}$
$KBSM(\overline{4_{26}}) = -a^{10} + a^6 - a^2x^2 + a^2 + a^{-2}x^2 - a^{-6}x^2 + a^{-6}$
$KBSM(*4_{27}) = a^8x - 2a^4x + x^3 - x - 2a^{-4}x + a^{-8}x$
$KBSM(5_1) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(\overline{5_1}) = -a^{12}x^3 + 2a^{12}x + a^8x^3 - a^8x$
$KBSM(5_2) = a^{-6} - a^{-10}x^4 + a^{-10}x^2 + a^{-14}x^4 - a^{-14}x^2 - a^{-18}x^2 + a^{-18}$
$KBSM(\overline{5_2}) = -a^{18}x^2 + a^{18} + a^{14}x^4 - a^{14}x^2 - a^{10}x^4 + a^{10}x^2 + a^6$
$KBSM(5_3) = -a^{12}x^3 + a^{12}x + 2a^8x^3 - 2a^8x - a^4x^3 + a^4x + x$
$KBSM(\overline{5_3}) = x - a^{-4}x^3 + a^{-4}x + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x^3 + a^{-12}x$
$KBSM(5_4) = a^{14}x^2 - a^{14} - a^6x^4 + 2a^6x^2 + a^2x^2 - a^2$
$KBSM(\overline{5_4}) = a^{-2}x^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-14}x^2 - a^{-14}$

$KBSM(5_5) = a^{-8}x^3 - 2a^{-8}x - a^{-12}x^3 + a^{-12}x + a^{-14}x^3 - 2a^{-14}x + 2a^{-16}x^3 - 4a^{-16}x - a^{-18}x^3 + a^{-18}x - a^{-20}x^3 + 2a^{-20}x + a^{-22}x$

$KBSM(\overline{5_5}) = a^{16}x^3 - 2a^{16}x - a^{12}x^3 + a^{12}x + a^8x^3 - 2a^8x - a^6x^3 + 2a^6x - a^4x^3 + 2a^4x + a^2x^3 - a^2x + x^3 - 2x - a^{-2}x$

$KBSM(5_6) = a^{10}x^4 - 2a^{10}x^2 - a^6x^4 + 2a^6x^2 + a^2x^4 - 3a^2x^2 + a^2 - a^{-2}x^4 + 3a^{-2}x^2 - a^{-2} - a^{-10}x^2 + 2a^{-10}$

$KBSM(\overline{5_6}) = a^{-2}x^4 - 3a^{-2}x^2 + a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 2a^{-10}x^2 - a^{-14}x^4 + 3a^{-14}x^2 - a^{-14} - a^{-22}x^2 + 2a^{-22}$

$KBSM(5_7) = -a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^4 - 3a^{-10}x^2 - a^{-14}x^4 + a^{-14}x^2 - a^{-14} + a^{-18}x^2 - a^{-18}$

$KBSM(\overline{5_7}) = a^{18}x^2 - a^{18} - a^{14}x^4 + a^{14}x^2 - a^{14} + 2a^{10}x^4 - 3a^{10}x^2 - a^6x^4 + a^6x^2$

$KBSM(5_8) = -x^3 + x + 3a^{-4}x^3 - 4a^{-4}x - 2a^{-8}x^3 + a^{-8}x + a^{-10}x^3 - 2a^{-10}x + 2a^{-12}x^3 - 3a^{-12}x - a^{-14}x^3 + a^{-14}x - a^{-16}x^3 + 2a^{-16}x + a^{-18}x$

$KBSM(\overline{5_8}) = a^{12}x^3 - a^{12}x - 2a^8x^3 + a^8x + 3a^4x^3 - 4a^4x - a^2x^3 + 2a^2x - 2x^3 + 3x + a^{-2}x^3 - a^{-2}x + a^{-4}x^3 - 2a^{-4}x - a^{-6}x$

$KBSM(5_9) = a^6x^4 - a^6x^2 - 2a^2x^4 + 3a^2x^2 - a^2 + 2a^{-2}x^4 - 4a^{-2}x^2 + a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 - a^{-14}x^2 + 2a^{-14}$

$KBSM(\overline{5_9}) = -a^6x^2 + a^6 + 2a^2x^4 - 4a^2x^2 + a^2 - 2a^{-2}x^4 + 3a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-6}x^2 - a^{-10}x^4 + 3a^{-10}x^2 - a^{-10} - a^{-18}x^2 + 2a^{-18}$

$KBSM(5_{10}) = a^{-4}x^3 - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x^3 + a^{-20}x$

$KBSM(\overline{5_{10}}) = a^{20}x - a^{16}x^3 + 2a^{12}x^3 - a^{12}x - 2a^8x^3 + a^8x + a^4x^3$

$KBSM(5_{11}) = a^2x^2 - a^{-2}x^4 - a^{-2}x^2 + a^{-2} + 2a^{-6}x^4 - 2a^{-6}x^2 + a^{-6} - a^{-10}x^4 + a^{-14}x^2$

$KBSM(\overline{5_{11}}) = a^{14}x^2 - a^{10}x^4 + 2a^6x^4 - 2a^6x^2 + a^6 - a^2x^4 - a^2x^2 + a^2 + a^{-2}x^2$

$KBSM(5_{12}) = -x^3 + 4a^{-4}x^3 - 4a^{-4}x - 4a^{-8}x^3 + 3a^{-8}x + a^{-10}x^3 - 2a^{-10}x + 3a^{-12}x^3 - 3a^{-12}x - a^{-14}x^3 + a^{-14}x - a^{-16}x^3 + a^{-16}x + a^{-18}x$

$KBSM(\overline{5_{12}}) = -a^{16}x + 2a^{12}x^3 - a^{12}x - 4a^8x^3 + 3a^8x + 4a^4x^3 - 4a^4x - a^2x^3 + 2a^2x - 2x^3 + 2x + a^{-2}x^3 - a^{-2}x + a^{-4}x^3 - 2a^{-4}x - a^{-6}x$

$KBSM(5_{13}) = -a^6x^2 + a^2x^4 - a^2 - 2a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-10}x^2$

$KBSM(\overline{5_{13}}) = -a^{10}x^2 + a^6x^4 - 2a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^4 - a^{-2} - a^{-6}x^2$

$KBSM(5_{14}) = -a^4x^3 + 3x^3 - 2x - 3a^{-4}x^3 + 2a^{-4}x + a^{-6}x^3 - 2a^{-6}x + 3a^{-8}x^3 - 4a^{-8}x - a^{-10}x^3 + a^{-10}x - a^{-12}x^3 + a^{-12}x + a^{-14}x$

$KBSM(\overline{5_{14}}) = -a^{12}x + 2a^8x^3 - 2a^8x - 3a^4x^3 + 2a^4x + 3x^3 - 2x - a^{-2}x^3 + 2a^{-2}x - 2a^{-4}x^3 + 2a^{-4}x + a^{-6}x^3 - a^{-6}x + a^{-8}x^3 - 2a^{-8}x - a^{-10}x$

$KBSM(5_{15}) = -a^{10}x^2 + 2a^6x^4 - 2a^6x^2 + a^6 - 3a^2x^4 + 3a^2x^2 + 2a^{-2}x^4 - 2a^{-2}x^2 - a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} - a^{-14}x^2 + 2a^{-14}$

$KBSM(\overline{5_{15}}) = -a^6x^2 + 2a^2x^4 - 2a^2x^2 - 3a^{-2}x^4 + 3a^{-2}x^2 + 2a^{-6}x^4 - 2a^{-6}x^2 + a^{-6} - a^{-10}x^4 + 2a^{-10}x^2 - a^{-10} - a^{-18}x^2 + 2a^{-18}$

$KBSM(5_{16}) = a^8x^3 - 3a^4x^3 + 2a^4x + 4x^3 - 3x - a^{-2}x^3 + 2a^{-2}x - 3a^{-4}x^3 + 3a^{-4}x + a^{-6}x^3 - a^{-6}x + a^{-8}x^3 - a^{-8}x - a^{-10}x$

$KBSM(\overline{5_{16}}) = a^8x - 2a^4x^3 + a^4x + 4x^3 - 3x - 3a^{-4}x^3 + 2a^{-4}x + a^{-6}x^3 - 2a^{-6}x + 2a^{-8}x^3 - 2a^{-8}x - a^{-10}x^3 + a^{-10}x - a^{-12}x^3 + 2a^{-12}x + a^{-14}x$

$KBSM(5_{17}) = a^{14}x^2 - a^{10}x^4 + a^{10}x^2 - a^{10} + a^6x^4 + a^6x^2 - a^6 - a^2x^4 + a^{-2}x^2$

$KBSM(\overline{5_{17}}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 + a^{-6}x^2 - a^{-6} - a^{-10}x^4 + a^{-10}x^2 - a^{-10} + a^{-14}x^2$

$KBSM(5_{18}) = -a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^4 - 3a^{-10}x^2 + a^{-10} - a^{-14}x^4 + a^{-14} + a^{-18}x^2$

$KBSM(\overline{5_{18}}) = a^{18}x^2 - a^{14}x^4 + a^{14} + 2a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + a^6x^2$

$KBSM(5_{19}) = -a^4x^3 + 3x^3 - 3x - 2a^{-4}x^3 + a^{-4}x + a^{-6}x^3 - 2a^{-6}x + 2a^{-8}x^3 - 3a^{-8}x - a^{-10}x^3 + a^{-10}x - a^{-12}x^3 + 2a^{-12}x + a^{-14}x$

$KBSM(\overline{5_{19}}) = a^8x^3 - a^8x - 2a^4x^3 + a^4x + 3x^3 - 3x - a^{-2}x^3 + 2a^{-2}x - 2a^{-4}x^3 + 2a^{-4}x + a^{-6}x^3 - a^{-6}x + a^{-8}x^3 - 2a^{-8}x - a^{-10}x$

$KBSM(5_{20}) = a^2x^4 - a^2x^2 - 2a^{-2}x^4 + 2a^{-2}x^2 + 2a^{-6}x^4 - 3a^{-6}x^2 + a^{-6} - a^{-10}x^4 + 2a^{-10}x^2 - a^{-10} - a^{-18}x^2 + 2a^{-18}$

$KBSM(\overline{5_{20}}) = -a^{10}x^2 + 2a^6x^4 - 3a^6x^2 + a^6 - 2a^2x^4 + 2a^2x^2 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^4 + 3a^{-6}x^2 - a^{-6} - a^{-14}x^2 + 2a^{-14}$

$KBSM(5_{21}) = a^{12}x^3 - 3a^8x^3 + 3a^8x + 3a^4x^3 - 3a^4x - a^2x^3 + 2a^2x - 2x^3 + 3x + a^{-2}x^3 - a^{-2}x + a^{-4}x^3 - 2a^{-4}x - a^{-6}x$
$KBSM(\overline{5_{21}}) = -x^3 + x + 3a^{-4}x^3 - 3a^{-4}x - 3a^{-8}x^3 + 3a^{-8}x + a^{-10}x^3 - 2a^{-10}x + 2a^{-12}x^3 - 2a^{-12}x - a^{-14}x^3 + a^{-14}x - a^{-16}x^3 + 2a^{-16}x + a^{-18}x$
$KBSM(5_{22}) = -a^6x^2 + a^2x^4 - a^2x^2 - a^{-2}x^4 + a^{-2} + a^{-6}x^2 + a^{-6}$
$KBSM(\overline{5_{22}}) = a^6x^2 + a^6 - a^2x^4 + a^2 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^2$
$KBSM(5_{23}) = -a^{12}x + a^8x^3 - a^8x - a^4x^3 + a^4x + 2x$
$KBSM(\overline{5_{23}}) = 2x - a^{-4}x^3 + a^{-4}x + a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(5_{24}) = -a^{-6}x^4 + 3a^{-6}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{5_{24}}) = -a^{18} + a^{14}x^2 - a^{14} - a^6x^4 + 3a^6x^2$
$KBSM(5_{25}) = -a^{-6}x^2 + 2a^{-10}x^2 - a^{-14}x^4 - a^{-14}x^2 + a^{-14} + a^{-18}x^4 + a^{-18}x^2 - 2a^{-22}x^2 + a^{-26}$
$KBSM(\overline{5_{25}}) = a^{26} - 2a^{22}x^2 + a^{18}x^4 + a^{18}x^2 - a^{14}x^4 - a^{14}x^2 + a^{14} + 2a^{10}x^2 - a^6x^2$
$KBSM(5_{26}) = -x + a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-16}x^3 - a^{-16}x + a^{-20}x$
$KBSM(\overline{5_{26}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - 2a^8x^3 + a^8x + a^4x^3 + a^4x - x$
$KBSM(5_{27}) = -x + a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-16}x^3 - a^{-16}x + a^{-20}x$
$KBSM(\overline{5_{27}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - 2a^8x^3 + a^8x + a^4x^3 + a^4x - x$
$KBSM(5_{28}) = a^{14}x^2 - 2a^{10}x^2 + 3a^6x^2 - a^6 - a^2x^4 + 2a^{-2}x^2 - a^{-6}$
$KBSM(\overline{5_{28}}) = -a^6 + 2a^2x^2 - a^{-2}x^4 + 3a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^2$
$KBSM(5_{29}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 - a^{-10} + a^{-14}$
$KBSM(\overline{5_{29}}) = a^{14} - a^{10}x^2 - a^{10} + 2a^6x^2 - a^6 - 2a^2x^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$
$KBSM(5_{30}) = a^8x - a^4x + 2x - a^{-4}x^3 + a^{-8}x^3 - a^{-12}x$
$KBSM(\overline{5_{30}}) = -a^{12}x + a^8x^3 - a^4x^3 + 2x - a^{-4}x + a^{-8}x$
$KBSM(5_{31}) = a^8x - 2a^4x + x^3 + x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x^3 + a^{-8}x - a^{-12}x$
$KBSM(\overline{5_{31}}) = -a^{12}x + a^8x^3 + a^8x - 2a^4x^3 + a^4x + x^3 + x - 2a^{-4}x + a^{-8}x$
$KBSM(5_{32}) = a^8x - 2a^4x + x^3 - a^{-4}x^3 - a^{-4}x + a^{-8}x^3 - a^{-12}x$
$KBSM(\overline{5_{32}}) = -a^{12}x + a^8x^3 - a^4x^3 - a^4x + x^3 - 2a^{-4}x + a^{-8}x$
$KBSM(5_{33}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + a^{-2} + a^{-6}x^2 + a^{-6} - a^{-10}x^2 + a^{-14}$
$KBSM(\overline{5_{33}}) = a^{14} - a^{10}x^2 + a^6x^2 + a^6 - 2a^2x^2 + a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$
$KBSM(5_{34}) = -a^6x^2 + 3a^2x^2 - a^2 - a^{-2}x^4 + 3a^{-6}x^2 - a^{-6} - a^{-10}x^2 - a^{-10} + a^{-14}$
$KBSM(\overline{5_{34}}) = a^{14} - a^{10}x^2 - a^{10} + 3a^6x^2 - a^6 - a^2x^4 + 3a^{-2}x^2 - a^{-2} - a^{-6}x^2$
$KBSM(5_{35}) = -a^{-6}x^2 + 2a^{-10}x^2 - a^{-10} - a^{-14}x^4 - a^{-14} + a^{-18}x^4 + a^{-18}x^2 - a^{-18} - 2a^{-22}x^2 + a^{-26}$
$KBSM(\overline{5_{35}}) = a^{26} - 2a^{22}x^2 + a^{18}x^4 + a^{18}x^2 - a^{18} - a^{14}x^4 - a^{14} + 2a^{10}x^2 - a^{10} - a^6x^2$
$KBSM(5_{36}) = -x + a^{-4}x^3 - a^{-8}x^3 - a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x^3 - a^{-16}x + a^{-20}x$
$KBSM(\overline{5_{36}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - a^{12}x - a^8x^3 - a^8x + a^4x^3 - x$
$KBSM(5_{37}) = a^{14}x^2 - 2a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-6}$
$KBSM(\overline{5_{37}}) = -a^6 + a^2x^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^2$
$KBSM(5_{38}) = -a^{-2} + a^{-6}x^2 - a^{-6} - a^{-10}x^4 + a^{-10}x^2 - a^{-10} + a^{-14}x^4 - a^{-14}x^2 - a^{-18}x^2 + a^{-18}$
$KBSM(\overline{5_{38}}) = -a^{18}x^2 + a^{18} + a^{14}x^4 - a^{14}x^2 - a^{10}x^4 + a^{10}x^2 - a^{10} + a^6x^2 - a^6 - a^2$
$KBSM(5_{39}) = -a^{12}x^3 + a^{12}x + 2a^8x^3 - 2a^8x - a^4x^3 + x^3 - x - a^{-4}x$
$KBSM(\overline{5_{39}}) = -a^4x + x^3 - x - a^{-4}x^3 + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x^3 + a^{-12}x$
$KBSM(5_{40}) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + a^{-12}x + a^{-16}x^3 - a^{-16}x - a^{-20}x^3 + a^{-20}x + a^{-24}x$
$KBSM(\overline{5_{40}}) = a^{24}x - a^{20}x^3 + a^{20}x + a^{16}x^3 - a^{16}x - a^{12}x^3 + a^{12}x + a^8x^3 - a^8x$
$KBSM(5_{41}) = a^{18} + a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6 + a^2x^2 - a^2$
$KBSM(\overline{5_{41}}) = a^{-2}x^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10} + a^{-18}$
$KBSM(5_{42}) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-12}x^3 - a^{-16}x^3 + a^{-16}x + a^{-20}x$
$KBSM(\overline{5_{42}}) = a^{20}x - a^{16}x^3 + a^{16}x + a^{12}x^3 - a^8x^3 + a^4x^3 - a^4x$
$KBSM(5_{43}) = a^6x^2 - a^2x^4 + a^2x^2 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10}$
$KBSM(\overline{5_{43}}) = a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6 + a^2x^4 - a^2x^2 - a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^2$
$KBSM(5_{44}) = -x^3 + x + 3a^{-4}x^3 - 3a^{-4}x - 3a^{-8}x^3 + 2a^{-8}x + a^{-10}x^3 - 2a^{-10}x + 3a^{-12}x^3 - 4a^{-12}x - a^{-14}x^3 + a^{-14}x - a^{-16}x^3 + a^{-16}x + a^{-18}x$

$KBSM(\overline{5_{44}}) = -a^{16}x + 2a^{12}x^3 - 2a^{12}x - 3a^8x^3 + 2a^8x + 3a^4x^3 - 3a^4x - a^2x^3 + 2a^2x - 2x^3 + 3x + a^{-2}x^3 - a^{-2}x + a^{-4}x^3 - 2a^{-4}x - a^{-6}x$

$KBSM(5_{45}) = -a^{10}x^2 + a^6x^4 - 2a^2x^4 + 2a^2x^2 + a^{-2}x^4 - a^{-2}x^2 + a^{-2} - a^{-6}x^2 + a^{-6}$

$KBSM(\overline{5_{45}}) = -a^6x^2 + a^6 + a^2x^4 - a^2x^2 + a^2 - 2a^{-2}x^4 + 2a^{-2}x^2 + a^{-6}x^4 - a^{-10}x^2$

$KBSM(5_{46}) = -x^3 + x + 3a^{-4}x^3 - 2a^{-4}x - 4a^{-8}x^3 + 4a^{-8}x + a^{-10}x^3 - 2a^{-10}x + 3a^{-12}x^3 - 3a^{-12}x - a^{-14}x^3 + a^{-14}x - a^{-16}x^3 + a^{-16}x + a^{-18}x$

$KBSM(\overline{5_{46}}) = -a^{16}x + 2a^{12}x^3 - a^{12}x - 4a^8x^3 + 4a^8x + 3a^4x^3 - 2a^4x - a^2x^3 + 2a^2x - 2x^3 + 3x + a^{-2}x^3 - a^{-2}x + a^{-4}x^3 - 2a^{-4}x - a^{-6}x$

$KBSM(5_{47}) = -a^{10}x^2 + 2a^6x^4 - 2a^6x^2 - 3a^2x^4 + 4a^2x^2 - a^2 + 2a^{-2}x^4 - 3a^{-2}x^2 + a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 - a^{-14}x^2 + 2a^{-14}$

$KBSM(\overline{5_{47}}) = -a^6x^2 + a^6 + 2a^2x^4 - 3a^2x^2 + a^2 - 3a^{-2}x^4 + 4a^{-2}x^2 - a^{-2} + 2a^{-6}x^4 - 2a^{-6}x^2 - a^{-10}x^4 + 2a^{-10}x^2 - a^{-10} - a^{-18}x^2 + 2a^{-18}$

$KBSM(5_{48}) = a^4x^3 - a^4x - 2x^3 + 2x + 3a^{-4}x^3 - 3a^{-4}x - a^{-6}x^3 + 2a^{-6}x - 3a^{-8}x^3 + 4a^{-8}x + a^{-10}x^3 - a^{-10}x + a^{-12}x^3 - a^{-12}x - a^{-14}x$

$KBSM(\overline{5_{48}}) = a^{12}x - 2a^8x^3 + 2a^8x + 3a^4x^3 - 3a^4x - 2x^3 + 2x + a^{-2}x^3 - 2a^{-2}x + 2a^{-4}x^3 - 3a^{-4}x - a^{-6}x^3 + a^{-6}x - a^{-8}x^3 + 2a^{-8}x + a^{-10}x$

$KBSM(5_{49}) = a^{14}x^2 - a^{10}x^4 + a^{10}x^2 + a^6x^4 - a^2x^4 + a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$

$KBSM(\overline{5_{49}}) = a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-10}x^4 + a^{-10}x^2 + a^{-14}x^2$

$KBSM(5_{50}) = -a^{-6}x^2 + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + 2a^{-18}x^2 - a^{-22}x^2 + a^{-26}$

$KBSM(\overline{5_{50}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2$

$KBSM(5_{51}) = a^{-4}x - a^{-8}x + a^{-12}x^3 + a^{-12}x - 2a^{-16}x^3 + a^{-16}x + a^{-20}x^3 - a^{-24}x$

$KBSM(\overline{5_{51}}) = -a^{24}x + a^{20}x^3 - 2a^{16}x^3 + a^{16}x + a^{12}x^3 + a^{12}x - a^8x + a^4x$

$KBSM(5_{52}) = -a^{16}x + a^{12}x - a^8x + a^4x^3 - x^3 + x + a^{-4}x$

$KBSM(\overline{5_{52}}) = a^4x - x^3 + x + a^{-4}x^3 - a^{-8}x + a^{-12}x - a^{-16}x$

$KBSM(5_{53}) = a^{-2}x^2 - a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}$

$KBSM(\overline{5_{53}}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + 2a^{10}x^2 - a^{10} - a^6x^4 + a^6x^2 + a^2x^2$

$KBSM(5_{54}) = a^{20}x - a^{16}x^3 + a^{12}x^3 + a^{12}x - a^8x^3 + a^4x^3 - x$

$KBSM(\overline{5_{54}}) = -x + a^{-4}x^3 - a^{-8}x^3 + a^{-12}x^3 + a^{-12}x - a^{-16}x^3 + a^{-20}x$

$KBSM(5_{55}) = -a^{18}x^2 + a^{14}x^4 - a^{10}x^4 - a^{10}x^2 + a^{10} + 2a^6x^2 - a^2x^2 + a^{-2}$

$KBSM(\overline{5_{55}}) = a^2 - a^{-2}x^2 + 2a^{-6}x^2 - a^{-10}x^4 - a^{-10}x^2 + a^{-10} + a^{-14}x^4 - a^{-18}x^2$

$KBSM(5_{56}) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + 2a^6x^2 - a^2x^4 + a^2x^2 - a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}$

$KBSM(\overline{5_{56}}) = -a^6 + 2a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + 2a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2$

$KBSM(5_{57}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-18}x^2 + a^{-18} + a^{-22}$

$KBSM(\overline{5_{57}}) = a^{22} - a^{18}x^2 + a^{18} + a^{14}x^2 - a^{10}x^2 + a^6x^2 - a^2x^2$

$KBSM(5_{58}) = -a^4x + x^3 - a^{-4}x^3 + a^{-8}x^3 - a^{-12}x^3 + a^{-12}x + a^{-16}x$

$KBSM(\overline{5_{58}}) = a^{16}x - a^{12}x^3 + a^{12}x + a^8x^3 - a^4x^3 + x^3 - a^{-4}x$

$KBSM(5_{59}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 + a^{-6}x^2 - a^{-10}x^4 + 2a^{-14}x^2 - a^{-14} - a^{-18}$

$KBSM(\overline{5_{59}}) = -a^{18} + 2a^{14}x^2 - a^{14} - a^{10}x^4 + a^6x^4 + a^6x^2 - a^2x^4 + a^{-2}x^2$

$KBSM(5_{60}) = a^8x - a^4x^3 + 2x^3 - 2a^{-4}x^3 + a^{-4}x + a^{-8}x^3 - a^{-12}x$

$KBSM(\overline{5_{60}}) = -a^{12}x + a^8x^3 - 2a^4x^3 + a^4x + 2x^3 - a^{-4}x^3 + a^{-8}x$

$KBSM(5_{61}) = a^2x^2 - a^{-2}x^4 - a^{-2}x^2 + 2a^{-6}x^4 - a^{-6}x^2 - a^{-10}x^4 - a^{-10}x^2 + 2a^{-14}x^2 - a^{-14} - a^{-18}$

$KBSM(\overline{5_{61}}) = -a^{18} + 2a^{14}x^2 - a^{14} - a^{10}x^4 - a^{10}x^2 + 2a^6x^4 - a^6x^2 - a^2x^4 - a^2x^2 + a^{-2}x^2$

$KBSM(5_{62}) = a^8x - 2a^4x^3 + 5x^3 - 4x - 4a^{-4}x^3 + 2a^{-4}x + a^{-6}x^3 - 2a^{-6}x + 3a^{-8}x^3 - 3a^{-8}x - a^{-10}x^3 + a^{-10}x - a^{-12}x^3 + a^{-12}x + a^{-14}x$

$KBSM(\overline{5_{62}}) = -a^{12}x + 2a^8x^3 - a^8x - 4a^4x^3 + 2a^4x + 5x^3 - 4x - a^{-2}x^3 + 2a^{-2}x - 3a^{-4}x^3 + 2a^{-4}x + a^{-6}x^3 - a^{-6}x + a^{-8}x^3 - a^{-8}x - a^{-10}x$

$KBSM(5_{63}) = -a^6x^2 + a^2x^4 - 2a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^4 + a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}$

$KBSM(\overline{5_{63}}) = a^{14} - 2a^{10}x^2 + a^{10} + a^6x^4 + a^6x^2 - 2a^2x^4 + a^2x^2 + a^{-2}x^4 - a^{-6}x^2$

$KBSM(5_{64}) = a^8x - 2a^4x^3 + a^4x + 4x^3 - 2x - 4a^{-4}x^3 + 3a^{-4}x + a^{-6}x^3 - 2a^{-6}x + 3a^{-8}x^3 - 3a^{-8}x - a^{-10}x^3 + a^{-10}x - a^{-12}x^3 + a^{-12}x + a^{-14}x$

$KBSM(\overline{5_{64}}) = -a^{12}x + 2a^8x^3 - a^8x - 4a^4x^3 + 3a^4x + 4x^3 - 2x - a^{-2}x^3 + 2a^{-2}x - 3a^{-4}x^3 + 3a^{-4}x + a^{-6}x^3 - a^{-6}x + a^{-8}x^3 - a^{-8}x - a^{-10}x$

$KBSM(5_{65}) = -a^6x^2 + 2a^2x^4 - a^2x^2 - 4a^{-2}x^4 + 4a^{-2}x^2 - a^{-2} + 3a^{-6}x^4 - 2a^{-6}x^2 - a^{-10}x^4 + a^{-14} - a^{-18}x^2 + 2a^{-18}$

$KBSM(\overline{5_{65}}) = a^{14} - 3a^{10}x^2 + a^{10} + 3a^6x^4 - 2a^6x^2 - 4a^2x^4 + 4a^2x^2 - a^2 + 2a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} - a^{-14}x^2 + 2a^{-14}$

$KBSM(5_{66}) = a^{10}x^2 - a^6x^4 + a^6x^2 + a^2x^4 - a^{-2}x^4 + 2a^{-6}x^2 - a^{-6} - a^{-10}$

$KBSM(\overline{5_{66}}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^{-2}x^4 - a^{-6}x^4 + a^{-6}x^2 + a^{-10}x^2$

$KBSM(5_{67}) = -a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - a^{-10}x^2 - a^{-14}x^4 + 2a^{-14}x^2 - a^{-14} + a^{-18}x^2 - a^{-18}$

$KBSM(\overline{5_{67}}) = a^{18}x^2 - a^{18} - a^{14}x^4 + 2a^{14}x^2 - a^{14} + a^{10}x^4 - a^{10}x^2 - a^6x^4 + 2a^6x^2$

$KBSM(5_{68}) = -a^8x^3 + a^8x + 2a^4x^3 - 3a^4x - x^3 + x + a^{-2}x^3 - 2a^{-2}x + 2a^{-4}x^3 - 4a^{-4}x - a^{-6}x^3 + a^{-6}x - a^{-8}x^3 + 2a^{-8}x + a^{-10}x$

$KBSM(\overline{5_{68}}) = a^4x^3 - 2a^4x - x^3 + x + 2a^{-4}x^3 - 3a^{-4}x - a^{-6}x^3 + 2a^{-6}x - 2a^{-8}x^3 + 3a^{-8}x + a^{-10}x^3 - a^{-10}x + a^{-12}x^3 - 2a^{-12}x - a^{-14}x$

$KBSM(5_{69}) = a^{-2}x^4 - 2a^{-2}x^2 - 2a^{-6}x^4 + 4a^{-6}x^2 - a^{-6} + 2a^{-10}x^4 - 4a^{-10}x^2 + a^{-10} - a^{-14}x^4 + 2a^{-14}x^2 - a^{-22}x^2 + 2a^{-22}$

$KBSM(\overline{5_{69}}) = -a^{14}x^2 + a^{14} + 2a^{10}x^4 - 4a^{10}x^2 + a^{10} - 2a^6x^4 + 4a^6x^2 - a^6 + a^2x^4 - 2a^2x^2 - a^{-2}x^4 + 3a^{-2}x^2 - a^{-2} - a^{-10}x^2 + 2a^{-10}$

$KBSM(5_{70}) = a^{12}x^3 - a^{12}x - 2a^8x^3 + 2a^8x + 2a^4x^3 - 2a^4x - a^2x^3 + 2a^2x - 2x^3 + 4x + a^{-2}x^3 - a^{-2}x + a^{-4}x^3 - 2a^{-4}x - a^{-6}x$

$KBSM(\overline{5_{70}}) = -x^3 + 2x + 2a^{-4}x^3 - 2a^{-4}x - 2a^{-8}x^3 + 2a^{-8}x + a^{-10}x^3 - 2a^{-10}x + 2a^{-12}x^3 - 3a^{-12}x - a^{-14}x^3 + a^{-14}x - a^{-16}x^3 + 2a^{-16}x + a^{-18}x$

$KBSM(5_{71}) = a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2 - a^2 + a^{-2}x^2 - a^{-2} - a^{-6}$

$KBSM(\overline{5_{71}}) = -a^6 + a^2x^2 - a^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 3a^{-10}x^2 + a^{-10}$

$KBSM(5_{72}) = a^{-8}x^3 - a^{-8}x - 2a^{-12}x^3 + 3a^{-12}x + a^{-14}x^3 - 2a^{-14}x + 2a^{-16}x^3 - 3a^{-16}x - a^{-18}x^3 + a^{-18}x - a^{-20}x^3 + 2a^{-20}x + a^{-22}x$

$KBSM(\overline{5_{72}}) = a^{16}x^3 - a^{16}x - 2a^{12}x^3 + 3a^{12}x + a^8x^3 - a^8x - a^6x^3 + 2a^6x - a^4x^3 + 2a^4x + a^2x^3 - a^2x + x^3 - 2x - a^{-2}x$

$KBSM(5_{73}) = a^6x^4 - 2a^6x^2 + a^6 - a^2x^4 + a^2x^2 + a^{-2}x^4 - 2a^{-2}x^2 - a^{-6}x^4 + 3a^{-6}x^2 - a^{-6} - a^{-14}x^2 + 2a^{-14}$

$KBSM(\overline{5_{73}}) = a^2x^4 - 2a^2x^2 - a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^4 - 2a^{-6}x^2 + a^{-6} - a^{-10}x^4 + 3a^{-10}x^2 - a^{-10} - a^{-18}x^2 + 2a^{-18}$

$KBSM(5_{74}) = -a^{-10}x^4 + 3a^{-10}x^2 - a^{-10} + a^{-18}x^2 - a^{-22}$

$KBSM(\overline{5_{74}}) = -a^{22} + a^{18}x^2 - a^{10}x^4 + 3a^{10}x^2 - a^{10}$

$KBSM(5_{75}) = a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2 + a^{-2}$

$KBSM(\overline{5_{75}}) = a^2 - a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 3a^{-10}x^2 + a^{-10}$

$KBSM(5_{76}) = a^4x^3 - 2a^4x - x^3 + x + a^{-4}x^3 - 2a^{-4}x$

$KBSM(\overline{5_{76}}) = a^4x^3 - 2a^4x - x^3 + x + a^{-4}x^3 - 2a^{-4}x$

$KBSM(5_{77}) = -a^6x^2 + a^6 + 2a^2x^2 - a^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2 - a^{-10}$

$KBSM(\overline{5_{77}}) = -a^{10} + a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6}$

$KBSM(5_{78}) = a^4x^3 - 2a^4x - x^3 + 2x + a^{-8}x$

$KBSM(\overline{5_{78}}) = a^8x - x^3 + 2x + a^{-4}x^3 - 2a^{-4}x$

$KBSM(5_{79}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - a^{-14}x^4 + a^{-14}x^2 + a^{-18}x^4 - a^{-18}x^2 + a^{-18} - a^{-22}x^2$

$KBSM(\overline{5_{79}}) = -a^{22}x^2 + a^{18}x^4 - a^{18}x^2 + a^{18} - a^{14}x^4 + a^{14}x^2 + a^{10}x^2 - a^6x^2 + a^6$

$KBSM(5_{80}) = a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^2$

$KBSM(\overline{5_{80}}) = a^2x^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$

$KBSM(5_{81}) = -a^{-10}x^4 + 3a^{-10}x^2 - a^{-10} - a^{-14} + 2a^{-18}x^2 - a^{-18} - a^{-22}x^2 + a^{-26}$

$KBSM(\overline{5_{81}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - a^{18} - a^{14} - a^{10}x^4 + 3a^{10}x^2 - a^{10}$

$KBSM(5_{82}) = -a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^4 - a^{-10} - a^{-14}x^4 + a^{-14}x^2 + a^{-18}x^2$

$KBSM(\overline{5_{82}}) = a^{18}x^2 - a^{14}x^4 + a^{14}x^2 + a^{10}x^4 - a^{10} - a^6x^4 + 2a^6x^2 - a^6$

$KBSM(5_{83}) = -a^4x^3 + a^4x + 2x^3 - x - 2a^{-4}x^3 + 2a^{-4}x + a^{-6}x^3 - 2a^{-6}x + 2a^{-8}x^3 - 3a^{-8}x - a^{-10}x^3 +$

$a^{-10}x - a^{-12}x^3 + 2a^{-12}x + a^{-14}x$
$KBSM(\overline{5_{83}}) = a^8x^3 - a^8x - 2a^4x^3 + 2a^4x + 2x^3 - x - a^{-2}x^3 + 2a^{-2}x - 2a^{-4}x^3 + 3a^{-4}x + a^{-6}x^3 - a^{-6}x + a^{-8}x^3 - 2a^{-8}x - a^{-10}x$
$KBSM(5_{84}) = a^{-2}x^4 - 2a^{-2}x^2 + a^{-2} - 2a^{-6}x^4 + 3a^{-6}x^2 + 2a^{-10}x^4 - 3a^{-10}x^2 - a^{-14}x^4 + 2a^{-14}x^2 - a^{-14} - a^{-22}x^2 + 2a^{-22}$
$KBSM(\overline{5_{84}}) = -a^{14}x^2 + 2a^{10}x^4 - 3a^{10}x^2 - 2a^6x^4 + 3a^6x^2 + a^2x^4 - 2a^2x^2 + a^2 - a^{-2}x^4 + 3a^{-2}x^2 - a^{-2} - a^{-10}x^2 + 2a^{-10}$
$KBSM(5_{85}) = a^{-14}x^4 - 3a^{-14}x^2 + a^{-14} - a^{-18}x^4 + 3a^{-18}x^2 - a^{-18} - a^{-26}x^2 + 2a^{-26}$
$KBSM(\overline{5_{85}}) = a^{14}x^4 - 3a^{14}x^2 + a^{14} - a^2x^4 + 3a^2x^2 - a^2 - a^{-6}x^2 + 2a^{-6}$
$KBSM(5_{86}) = a^{14} - a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-2} - a^{-6}$
$KBSM(\overline{5_{86}}) = -a^6 + a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 + a^{-14}$
$KBSM(5_{87}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18} + a^{-26}$
$KBSM(\overline{5_{87}}) = a^{26} + a^{18} - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2 + a^6$
$KBSM(5_{88}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + a^{-18}x^2 - a^{-22} + a^{-26}$
$KBSM(\overline{5_{88}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2 + a^6$
$KBSM(5_{89}) = -a^{-6}x^2 + 2a^{-10}x^2 - 2a^{-10} - 2a^{-14}x^2 + a^{-18}x^2 - a^{-22} + a^{-26}$
$KBSM(\overline{5_{89}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + 2a^{10}x^2 - 2a^{10} - a^6x^2$
$KBSM(5_{90}) = -a^{-2} + a^{-6} - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}x^2 + a^{-22}x^2 - a^{-22}$
$KBSM(\overline{5_{90}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6 - a^2$
$KBSM(5_{91}) = -a^{-2} - a^{-10} - a^{-18}x^2 + a^{-18} + a^{-22}x^2 - a^{-22}$
$KBSM(\overline{5_{91}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{18} - a^{10} - a^2$
$KBSM(5_{92}) = a^{-4}x - 2a^{-8}x + a^{-12}x^3 + a^{-12}x - a^{-16}x^3 + 2a^{-20}x - a^{-24}x$
$KBSM(\overline{5_{92}}) = -a^{24}x + 2a^{20}x - a^{16}x^3 + a^{12}x^3 + a^{12}x - 2a^8x + a^4x$
$KBSM(5_{93}) = -a^{-10}x^2 + a^{-10} + a^{-30}$
$KBSM(\overline{5_{93}}) = a^{30} - a^{10}x^2 + a^{10}$
$KBSM(5_{94}) = -a^{-6} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}x^2 + a^{-26}x^2 - a^{-26}$
$KBSM(\overline{5_{94}}) = a^{26}x^2 - a^{26} - a^{22}x^2 + a^{18}x^2 - a^{14}x^2 - a^6$
$KBSM(5_{95}) = -a^{-6} - a^{-14}x^2 - a^{-14} + 2a^{-18}x^2 - a^{-18} - 2a^{-22}x^2 + a^{-22} + a^{-26}x^2$
$KBSM(\overline{5_{95}}) = a^{26}x^2 - 2a^{22}x^2 + a^{22} + 2a^{18}x^2 - a^{18} - a^{14}x^2 - a^{14} - a^6$

2.12 Knots in $L(9,1)$

$KBSM(0_1) = x$
$KBSM(1_1) = -a^{-2}x^2 + a^{-2} + a^{-6}$
$KBSM(\overline{1_1}) = a^6 - a^2x^2 + a^2$
$KBSM(2_1) = -a^{-2}x^2 + a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{2_1}) = -a^{10} + a^6x^2 - a^6 - a^2x^2$
$KBSM(*2_2) = -a^4x + x^3 - x - a^{-4}x$
$KBSM(2_3) = a^{-4}x^3 - 2a^{-4}x - a^{-8}x$
$KBSM(\overline{2_3}) = -a^8x + a^4x^3 - 2a^4x$
$KBSM(3_1) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-8}x + a^{-12}x$
$KBSM(\overline{3_1}) = a^{12}x - a^8x^3 + a^8x + a^4x^3 - a^4x$
$KBSM(3_2) = a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$
$KBSM(\overline{3_2}) = a^2x^2 - a^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2$
$KBSM(3_3) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{3_3}) = a^{14} - a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2$
$KBSM(3_4) = -a^4x + x^3 - a^{-4}x^3 + a^{-4}x + a^{-8}x$
$KBSM(\overline{3_4}) = a^8x - a^4x^3 + a^4x + x^3 - a^{-4}x$
$KBSM(3_5) = a^2x^2 - a^{-2}x^4 + a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}$

$KBSM(\overline{3_5}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^2x^2 + a^{-2}x^2$
$KBSM(3_6) = -a^{-6}x^4 + 3a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10}$
$KBSM(\overline{3_6}) = a^{10}x^2 - a^{10} - a^6x^4 + 3a^6x^2 - a^6$
$KBSM(3_7) = -a^{-6}x^2 + a^{-6} + a^{-18}$
$KBSM(\overline{3_7}) = a^{18} - a^6x^2 + a^6$
$KBSM(3_8) = -a^{-2} - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(\overline{3_8}) = a^{14}x^2 - a^{14} - a^{10}x^2 - a^2$
$KBSM(4_1) = -a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 2a^{-10}x^2 + a^{-10} - a^{-14}x^2 + a^{-14}$
$KBSM(\overline{4_1}) = -a^{14}x^2 + a^{14} + a^{10}x^4 - 2a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2$
$KBSM(4_2) = -a^8x^3 + a^8x + a^4x^3 - a^4x + a^3x^4 - 3a^3x^2 + a^3 - a^{-1}x^2 + a^{-1}$
$KBSM(\overline{4_2}) = -x^3 + 2x + a^{-4}x^3 - a^{-4}x + a^{-5}x^4 - 3a^{-5}x^2 + a^{-5} - a^{-8}x - a^{-9}x^2 + a^{-9}$
$KBSM(4_3) = a^{-4}x^3 - 2a^{-8}x^3 + 2a^{-8}x + a^{-12}x^3 - a^{-16}x$
$KBSM(\overline{4_3}) = -a^{16}x + a^{12}x^3 - 2a^8x^3 + 2a^8x + a^4x^3$
$KBSM(4_4) = a^2x^2 - a^{-2}x^4 + a^{-2} + a^{-6}x^4 - a^{-6}x^2 + a^{-6} - a^{-10}x^2$
$KBSM(\overline{4_4}) = -a^{10}x^2 + a^6x^4 - a^6x^2 + a^6 - a^2x^4 + a^2 + a^{-2}x^2$
$KBSM(4_5) = -a^4x^3 + 2x^3 - x + a^{-1}x^4 - 3a^{-1}x^2 + a^{-1} - a^{-4}x^3 - a^{-5}x^2 + a^{-5} + a^{-8}x$
$KBSM(\overline{4_5}) = a^8x - 2a^4x^3 + 2a^4x + 2x^3 - x + a^{-1}x^4 - 3a^{-1}x^2 + a^{-1} - 2a^{-4}x - a^{-5}x^2 + a^{-5}$
$KBSM(4_6) = -a^{-6}x^2 + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{4_6}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2$
$KBSM(4_7) = a^{-4}x - a^{-8}x + a^{-12}x^3 - a^{-16}x^3 + a^{-20}x$
$KBSM(\overline{4_7}) = a^{20}x - a^{16}x^3 + a^{12}x^3 - a^8x + a^4x$
$KBSM(4_8) = -a^{16}x + a^{12}x - a^8x + a^4x^3 - a^4x - x$
$KBSM(\overline{4_8}) = -x + a^{-4}x^3 - a^{-4}x - a^{-8}x + a^{-12}x - a^{-16}x$
$KBSM(4_9) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2 + a^{-2}$
$KBSM(\overline{4_9}) = a^2 - a^{-2}x^2 + a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2$
$KBSM(4_{10}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{4_{10}}) = -a^{18} + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^2$
$KBSM(4_{11}) = -a^4x + x^3 - a^{-4}x^3 + a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(\overline{4_{11}}) = -a^{12}x + a^8x^3 - a^8x - a^4x^3 + x^3 - a^{-4}x$
$KBSM(4_{12}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 - 2a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{4_{12}}) = a^{14} - 2a^{10}x^2 + a^{10} + a^6x^4 - a^2x^4 + a^{-2}x^2$
$KBSM(*4_{13}) = a^8x - a^4x^3 + 2x^3 - x - a^{-4}x^3 + a^{-8}x$
$KBSM(*4_{14}) = a^8x - 2a^4x^3 + a^4x + 3x^3 - 2x + a^{-1}x^4 - 3a^{-1}x^2 + a^{-1} - a^{-4}x^3 - a^{-4}x - a^{-5}x^2 + a^{-5} + a^{-8}x$
$KBSM(4_{15}) = -a^6x^2 + a^2x^4 - a^2x^2 - a^{-2}x^4 + 2a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{4_{15}}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^2$
$KBSM(4_{16}) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-12}x^3 - a^{-12}x - a^{-16}x$
$KBSM(\overline{4_{16}}) = -a^{16}x + a^{12}x^3 - a^{12}x - a^8x^3 + a^4x^3 - a^4x$
$KBSM(4_{17}) = a^6x^2 - a^2x^4 + a^2x^2 + a^{-2}x^4 - 2a^{-2}x^2 + a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(\overline{4_{17}}) = -a^6x^2 + a^6 + a^2x^4 - 2a^2x^2 + a^2 - a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^2$
$KBSM(4_{18}) = -x^3 + x + 2a^{-4}x^3 - 2a^{-4}x + a^{-5}x^4 - 3a^{-5}x^2 + a^{-5} - a^{-8}x^3 - a^{-9}x^2 + a^{-9} + a^{-12}x$
$KBSM(\overline{4_{18}}) = a^{12}x - 2a^8x^3 + 2a^8x + 2a^4x^3 - 2a^4x + a^3x^4 - 3a^3x^2 + a^3 - x - a^{-1}x^2 + a^{-1}$
$KBSM(4_{19}) = -a^{10}x^2 + a^6x^4 - a^6x^2 - a^2x^4 + a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$
$KBSM(\overline{4_{19}}) = a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-6}x^2 - a^{-10}x^2$
$KBSM(4_{20}) = -a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^4 - a^{-10}x^2 - a^{-10} - a^{-14}x^2$
$KBSM(\overline{4_{20}}) = -a^{14}x^2 + a^{10}x^4 - a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6$
$KBSM(*4_{21}) = -a^4x^3 + a^4x + x^3 + a^{-1}x^4 - 3a^{-1}x^2 + a^{-1} - a^{-4}x - a^{-5}x^2 + a^{-5}$
$KBSM(4_{22}) = a^{-8}x^3 - 2a^{-8}x - a^{-16}x$
$KBSM(\overline{4_{22}}) = -a^{16}x + a^8x^3 - 2a^8x$
$KBSM(4_{23}) = -a^{12}x^3 + 2a^{12}x + a^8x^3 - a^8x$
$KBSM(\overline{4_{23}}) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + 2a^{-12}x$

$KBSM(\overline{4_{24}}) = -a^{12}x^3 + 2a^{12}x + a^7x^4 - 3a^7x^2 + a^7 + a^4x^3 - 2a^4x - a^3x^2 + a^3$
$KBSM(4_{25}) = -a^6x^2 + a^6 + a^2x^2 - a^2 - a^{-2} - a^{-10}$
$KBSM(\overline{4_{25}}) = -a^{10} - a^2 + a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(4_{26}) = -a^6x^2 + a^6 + a^2x^2 - a^{-2}x^2 + a^{-2} + a^{-6} - a^{-10}$
$KBSM(\overline{4_{26}}) = -a^{10} + a^6 - a^2x^2 + a^2 + a^{-2}x^2 - a^{-6}x^2 + a^{-6}$
$KBSM(*4_{27}) = a^8x - 2a^4x + x^3 - x - 2a^{-4}x + a^{-8}x$
$KBSM(5_1) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(\overline{5_1}) = -a^{12}x^3 + 2a^{12}x + a^8x^3 - a^8x$
$KBSM(5_2) = a^{-6} - a^{-10}x^4 + a^{-10}x^2 + a^{-14}x^4 - a^{-14}x^2 - a^{-18}x^2 + a^{-18}$
$KBSM(\overline{5_2}) = -a^{18}x^2 + a^{18} + a^{14}x^4 - a^{14}x^2 - a^{10}x^4 + a^{10}x^2 + a^6$
$KBSM(5_3) = -a^{12}x^3 + a^{12}x + 2a^8x^3 - 2a^8x - a^4x^3 + a^4x + x$
$KBSM(\overline{5_3}) = x - a^{-4}x^3 + a^{-4}x + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x^3 + a^{-12}x$
$KBSM(5_4) = a^{14}x^2 - a^{14} - a^6x^4 + 2a^6x^2 + a^2x^2 - a^2$
$KBSM(\overline{5_4}) = a^{-2}x^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(5_5) = a^{-8}x^3 - 2a^{-8}x + a^{-9}x^4 - 3a^{-9}x^2 + a^{-9} - a^{-12}x - a^{-13}x^4 + 2a^{-13}x^2 + a^{-17}x^2 - a^{-17}$
$KBSM(\overline{5_5}) = a^{16}x^3 - 2a^{16}x - a^{12}x^3 + a^{12}x - a^{11}x^4 + 3a^{11}x^2 - a^{11} + a^7x^4 - 2a^7x^2 + a^4x^3 - 2a^4x - a^3x^2 + a^3$
$KBSM(5_6) = a^{10}x^4 - 2a^{10}x^2 - a^6x^4 + 2a^6x^2 - a^3x^3 + 2a^3x + a^{-1}x$
$KBSM(\overline{5_6}) = a^{-2}x^4 - 3a^{-2}x^2 + a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 - a^{-9}x^3 + 2a^{-9}x + a^{-10}x^2 - a^{-10} + a^{-13}x$
$KBSM(5_7) = -a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^4 - 3a^{-10}x^2 - a^{-14}x^4 + a^{-14}x^2 - a^{-14} + a^{-18}x^2 - a^{-18}$
$KBSM(\overline{5_7}) = a^{18}x^2 - a^{18} - a^{14}x^4 + a^{14}x^2 - a^{14} + 2a^{10}x^4 - 3a^{10}x^2 - a^6x^4 + a^6x^2$
$KBSM(5_8) = -x^3 + x + 3a^{-4}x^3 - 4a^{-4}x + a^{-5}x^4 - 3a^{-5}x^2 + a^{-5} - a^{-8}x^3 - a^{-8}x - a^{-9}x^4 + 2a^{-9}x^2 + a^{-12}x + a^{-13}x^2 - a^{-13}$
$KBSM(\overline{5_8}) = a^{12}x^3 - a^{12}x - 2a^8x^3 + a^8x - a^7x^4 + 3a^7x^2 - a^7 + 2a^4x^3 - 2a^4x + a^3x^4 - 2a^3x^2 - x - a^{-1}x^2 + a^{-1}$
$KBSM(5_9) = a^6x^4 - a^6x^2 - 2a^2x^4 + 3a^2x^2 - a^2 - a^{-1}x^3 + 2a^{-1}x + a^{-2}x^4 - a^{-2}x^2 + a^{-5}x - a^{-6}x^2 + a^{-6}$
$KBSM(\overline{5_9}) = -a^6x^2 + a^6 + 2a^2x^4 - 4a^2x^2 + a^2 - 2a^{-2}x^4 + 3a^{-2}x^2 - a^{-2} - a^{-5}x^3 + 2a^{-5}x + 2a^{-6}x^2 - a^{-6} + a^{-9}x$
$KBSM(5_{10}) = a^{-4}x^3 - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x^3 + a^{-20}x$
$KBSM(\overline{5_{10}}) = a^{20}x - a^{16}x^3 + 2a^{12}x^3 - a^{12}x - 2a^8x^3 + a^8x + a^4x^3$
$KBSM(5_{11}) = a^2x^2 - a^{-2}x^4 - a^{-2}x^2 + a^{-2} + 2a^{-6}x^4 - 2a^{-6}x^2 + a^{-6} - a^{-10}x^4 + a^{-14}x^2$
$KBSM(\overline{5_{11}}) = a^{14}x^2 - a^{10}x^4 + 2a^6x^4 - 2a^6x^2 + a^6 - a^2x^4 - a^2x^2 + a^2 + a^{-2}x^2$
$KBSM(5_{12}) = -x^3 + 4a^{-4}x^3 - 4a^{-4}x + a^{-5}x^4 - 3a^{-5}x^2 + a^{-5} - 3a^{-8}x^3 + a^{-8}x - a^{-9}x^4 + 2a^{-9}x^2 + a^{-12}x^3 + a^{-12}x + a^{-13}x^2 - a^{-13} - a^{-16}x$
$KBSM(\overline{5_{12}}) = -a^{16}x + 2a^{12}x^3 - a^{12}x - 4a^8x^3 + 3a^8x - a^7x^4 + 3a^7x^2 - a^7 + 3a^4x^3 - 2a^4x + a^3x^4 - 2a^3x^2 - 2x - a^{-1}x^2 + a^{-1}$
$KBSM(5_{13}) = -a^6x^2 + a^2x^4 - a^2 - 2a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-10}x^2$
$KBSM(\overline{5_{13}}) = -a^{10}x^2 + a^6x^4 - 2a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^4 - a^{-2} - a^{-6}x^2$
$KBSM(5_{14}) = -a^4x^3 + 3x^3 - 2x + a^{-1}x^4 - 3a^{-1}x^2 + a^{-1} - 2a^{-4}x^3 - a^{-5}x^4 + 2a^{-5}x^2 + a^{-8}x^3 + a^{-9}x^2 - a^{-9} - a^{-12}x$
$KBSM(\overline{5_{14}}) = -a^{12}x + 2a^8x^3 - 2a^8x - 3a^4x^3 + 2a^4x - a^3x^4 + 3a^3x^2 - a^3 + 2x^3 + a^{-1}x^4 - 2a^{-1}x^2 - 2a^{-4}x - a^{-5}x^2 + a^{-5}$
$KBSM(5_{15}) = -a^{10}x^2 + 2a^6x^4 - 2a^6x^2 + a^6 - 3a^2x^4 + 3a^2x^2 - a^{-1}x^3 + 2a^{-1}x + a^{-2}x^4 + a^{-2}x^2 - a^{-2} + a^{-5}x - a^{-6}x^2$
$KBSM(\overline{5_{15}}) = -a^6x^2 + 2a^2x^4 - 2a^2x^2 - 3a^{-2}x^4 + 3a^{-2}x^2 - a^{-5}x^3 + 2a^{-5}x + a^{-6}x^4 + a^{-6}x^2 + a^{-9}x - a^{-10}x^2$
$KBSM(5_{16}) = a^8x^3 - 3a^4x^3 + 2a^4x - a^3x^4 + 3a^3x^2 - a^3 + 3x^3 - x + a^{-1}x^4 - 2a^{-1}x^2 - a^{-4}x^3 - a^{-4}x - a^{-5}x^2 + a^{-5} + a^{-8}x$
$KBSM(\overline{5_{16}}) = a^8x - 2a^4x^3 + a^4x + 4x^3 - 3x + a^{-1}x^4 - 3a^{-1}x^2 + a^{-1} - 2a^{-4}x^3 - a^{-5}x^4 + 2a^{-5}x^2 + 2a^{-8}x + a^{-9}x^2 - a^{-9}$
$KBSM(5_{17}) = a^{14}x^2 - a^{10}x^4 + a^{10}x^2 - a^{10} + a^6x^4 + a^6x^2 - a^6 - a^2x^4 + a^{-2}x^2$
$KBSM(\overline{5_{17}}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 + a^{-6}x^2 - a^{-6} - a^{-10}x^4 + a^{-10}x^2 - a^{-10} + a^{-14}x^2$
$KBSM(5_{18}) = -a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^4 - 3a^{-10}x^2 + a^{-10} - a^{-14}x^4 + a^{-14} + a^{-18}x^2$

$KBSM(\overline{5_{18}}) = a^{18}x^2 - a^{14}x^4 + a^{14} + 2a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + a^6x^2$

$KBSM(5_{19}) = -a^4x^3 + 3x^3 - 3x + a^{-1}x^4 - 3a^{-1}x^2 + a^{-1} - a^{-4}x^3 - a^{-4}x - a^{-5}x^4 + 2a^{-5}x^2 + a^{-8}x + a^{-9}x^2 - a^{-9}$

$KBSM(\overline{5_{19}}) = a^8x^3 - a^8x - 2a^4x^3 + a^4x - a^3x^4 + 3a^3x^2 - a^3 + 2x^3 - x + a^{-1}x^4 - 2a^{-1}x^2 - 2a^{-4}x - a^{-5}x^2 + a^{-5}$

$KBSM(5_{20}) = a^2x^4 - a^2x^2 - 2a^{-2}x^4 + 2a^{-2}x^2 - a^{-5}x^3 + 2a^{-5}x + a^{-6}x^4 + a^{-9}x - a^{-10}x^2$

$KBSM(\overline{5_{20}}) = -a^{10}x^2 + 2a^6x^4 - 3a^6x^2 + a^6 - 2a^2x^4 + 2a^2x^2 - a^{-1}x^3 + 2a^{-1}x + 2a^{-2}x^2 - a^{-2} + a^{-5}x$

$KBSM(5_{21}) = a^{12}x^3 - 3a^8x^3 + 3a^8x - a^7x^4 + 3a^7x^2 - a^7 + 2a^4x^3 - a^4x + a^3x^4 - 2a^3x^2 - x - a^{-1}x^2 + a^{-1}$

$KBSM(\overline{5_{21}}) = -x^3 + x + 3a^{-4}x^3 - 3a^{-4}x + a^{-5}x^4 - 3a^{-5}x^2 + a^{-5} - 2a^{-8}x^3 + a^{-8}x - a^{-9}x^4 + 2a^{-9}x^2 + 2a^{-12}x + a^{-13}x^2 - a^{-13}$

$KBSM(5_{22}) = -a^6x^2 + a^2x^4 - a^2x^2 - a^{-2}x^4 + a^{-2} + a^{-6}x^2 + a^{-6}$

$KBSM(\overline{5_{22}}) = a^6x^2 + a^6 - a^2x^4 + a^2 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^2$

$KBSM(5_{23}) = -a^{12}x + a^8x^3 - a^8x - a^4x^3 + a^4x + 2x$

$KBSM(\overline{5_{23}}) = 2x - a^{-4}x^3 + a^{-4}x + a^{-8}x^3 - a^{-8}x - a^{-12}x$

$KBSM(5_{24}) = -a^{-6}x^4 + 3a^{-6}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}$

$KBSM(\overline{5_{24}}) = -a^{18} + a^{14}x^2 - a^{14} - a^6x^4 + 3a^6x^2$

$KBSM(5_{25}) = -a^{-6}x^2 + 2a^{-10}x^2 - a^{-14}x^4 - a^{-14}x^2 + a^{-14} + a^{-18}x^4 + a^{-18}x^2 - 2a^{-22}x^2 + a^{-26}$

$KBSM(\overline{5_{25}}) = a^{26} - 2a^{22}x^2 + a^{18}x^4 + a^{18}x^2 - a^{14}x^4 - a^{14}x^2 + a^{14} + 2a^{10}x^2 - a^6x^2$

$KBSM(5_{26}) = -x + a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-16}x^3 - a^{-16}x + a^{-20}x$

$KBSM(\overline{5_{26}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - 2a^8x^3 + a^8x + a^4x^3 + a^4x - x$

$KBSM(5_{27}) = -x + a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-16}x^3 - a^{-16}x + a^{-20}x$

$KBSM(\overline{5_{27}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - 2a^8x^3 + a^8x + a^4x^3 + a^4x - x$

$KBSM(5_{28}) = a^{14}x^2 - 2a^{10}x^2 + 3a^6x^2 - a^6 - a^2x^4 + 2a^{-2}x^2 - a^{-6}$

$KBSM(\overline{5_{28}}) = -a^6 + 2a^2x^2 - a^{-2}x^4 + 3a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^2$

$KBSM(5_{29}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 - a^{-10} + a^{-14}$

$KBSM(\overline{5_{29}}) = a^{14} - a^{10}x^2 - a^{10} + 2a^6x^2 - a^6 - 2a^2x^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$

$KBSM(5_{30}) = a^8x - a^4x + 2x - a^{-4}x^3 + a^{-8}x^3 - a^{-12}x$

$KBSM(\overline{5_{30}}) = -a^{12}x + a^8x^3 - a^4x^3 + 2x - a^{-4}x + a^{-8}x$

$KBSM(5_{31}) = a^8x - 2a^4x + x^3 + x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x^3 + a^{-8}x - a^{-12}x$

$KBSM(\overline{5_{31}}) = -a^{12}x + a^8x^3 + a^8x - 2a^4x^3 + a^4x + x^3 + x - 2a^{-4}x + a^{-8}x$

$KBSM(5_{32}) = a^8x - 2a^4x + x^3 - a^{-4}x^3 - a^{-4}x + a^{-8}x^3 - a^{-12}x$

$KBSM(\overline{5_{32}}) = -a^{12}x + a^8x^3 - a^4x^3 - a^4x + x^3 - 2a^{-4}x + a^{-8}x$

$KBSM(5_{33}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + a^{-2} + a^{-6}x^2 + a^{-6} - a^{-10}x^2 + a^{-14}$

$KBSM(\overline{5_{33}}) = a^{14} - a^{10}x^2 + a^6x^2 + a^6 - 2a^2x^2 + a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$

$KBSM(5_{34}) = -a^6x^2 + 3a^2x^2 - a^2 - a^{-2}x^4 + 3a^{-6}x^2 - a^{-6} - a^{-10}x^2 - a^{-10} + a^{-14}$

$KBSM(\overline{5_{34}}) = a^{14} - a^{10}x^2 - a^{10} + 3a^6x^2 - a^6 - a^2x^4 + 3a^{-2}x^2 - a^{-2} - a^{-6}x^2$

$KBSM(5_{35}) = -a^{-6}x^2 + 2a^{-10}x^2 - a^{-10} - a^{-14}x^4 - a^{-14} + a^{-18}x^4 + a^{-18}x^2 - a^{-18} - 2a^{-22}x^2 + a^{-26}$

$KBSM(\overline{5_{35}}) = a^{26} - 2a^{22}x^2 + a^{18}x^4 + a^{18}x^2 - a^{18} - a^{14}x^4 - a^{14} + 2a^{10}x^2 - a^{10} - a^6x^2$

$KBSM(5_{36}) = -x + a^{-4}x^3 - a^{-8}x^3 - a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x^3 - a^{-16}x + a^{-20}x$

$KBSM(\overline{5_{36}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - a^{12}x - a^8x^3 - a^8x + a^4x^3 - x$

$KBSM(5_{37}) = a^{14}x^2 - 2a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-6}$

$KBSM(\overline{5_{37}}) = -a^6 + a^2x^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^2$

$KBSM(5_{38}) = -a^{-2} + a^{-6}x^2 - a^{-6} - a^{-10}x^4 + a^{-10}x^2 - a^{-10} + a^{-14}x^4 - a^{-14}x^2 - a^{-18}x^2 + a^{-18}$

$KBSM(\overline{5_{38}}) = -a^{18}x^2 + a^{18} + a^{14}x^4 - a^{14}x^2 - a^{10}x^4 + a^{10}x^2 - a^{10} + a^6x^2 - a^6 - a^2$

$KBSM(5_{39}) = -a^{12}x^3 + a^{12}x + 2a^8x^3 - 2a^8x - a^4x^3 + x^3 - x - a^{-4}x$

$KBSM(\overline{5_{39}}) = -a^4x + x^3 - x - a^{-4}x^3 + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x^3 + a^{-12}x$

$KBSM(5_{40}) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + a^{-12}x + a^{-16}x^3 - a^{-16}x - a^{-20}x^3 + a^{-20}x + a^{-24}x$

$KBSM(\overline{5_{40}}) = a^{24}x - a^{20}x^3 + a^{20}x + a^{16}x^3 - a^{16}x - a^{12}x^3 + a^{12}x + a^8x^3 - a^8x$

$KBSM(5_{41}) = a^{18} + a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6 + a^2x^2 - a^2$

$KBSM(\overline{5_{41}}) = a^{-2}x^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10} + a^{-18}$

$KBSM(5_{42}) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-12}x^3 - a^{-16}x^3 + a^{-16}x + a^{-20}x$

$KBSM(\overline{5_{42}}) = a^{20}x - a^{16}x^3 + a^{16}x + a^{12}x^3 - a^8x^3 + a^4x^3 - a^4x$
$KBSM(5_{43}) = a^6x^2 - a^2x^4 + a^2x^2 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10}$
$KBSM(\overline{5_{43}}) = a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6 + a^2x^4 - a^2x^2 - a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^2$
$KBSM(5_{44}) = -x^3 + x + 3a^{-4}x^3 - 3a^{-4}x + a^{-5}x^4 - 3a^{-5}x^2 + a^{-5} - 2a^{-8}x^3 - a^{-9}x^4 + 2a^{-9}x^2 + a^{-12}x^3 + a^{-13}x^2 - a^{-13} - a^{-16}x$
$KBSM(\overline{5_{44}}) = -a^{16}x + 2a^{12}x^3 - 2a^{12}x - 3a^8x^3 + 2a^8x - a^7x^4 + 3a^7x^2 - a^7 + 2a^4x^3 - a^4x + a^3x^4 - 2a^3x^2 - x - a^{-1}x^2 + a^{-1}$
$KBSM(5_{45}) = -a^{10}x^2 + a^6x^4 - 2a^2x^4 + 2a^2x^2 + a^{-2}x^4 - a^{-2}x^2 + a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(\overline{5_{45}}) = -a^6x^2 + a^6 + a^2x^4 - a^2x^2 + a^2 - 2a^{-2}x^4 + 2a^{-2}x^2 + a^{-6}x^4 - a^{-10}x^2$
$KBSM(5_{46}) = -x^3 + x + 3a^{-4}x^3 - 2a^{-4}x + a^{-5}x^4 - 3a^{-5}x^2 + a^{-5} - 3a^{-8}x^3 + 2a^{-8}x - a^{-9}x^4 + 2a^{-9}x^2 + a^{-12}x^3 + a^{-12}x + a^{-13}x^2 - a^{-13} - a^{-16}x$
$KBSM(\overline{5_{46}}) = -a^{16}x + 2a^{12}x^3 - a^{12}x - 4a^8x^3 + 4a^8x - a^7x^4 + 3a^7x^2 - a^7 + 2a^4x^3 + a^3x^4 - 2a^3x^2 - x - a^{-1}x^2 + a^{-1}$
$KBSM(5_{47}) = -a^{10}x^2 + 2a^6x^4 - 2a^6x^2 - 3a^2x^4 + 4a^2x^2 - a^2 - a^{-1}x^3 + 2a^{-1}x + a^{-2}x^4 + a^{-5}x - a^{-6}x^2 + a^{-6}$
$KBSM(\overline{5_{47}}) = -a^6x^2 + a^6 + 2a^2x^4 - 3a^2x^2 + a^2 - 3a^{-2}x^4 + 4a^{-2}x^2 - a^{-2} - a^{-5}x^3 + 2a^{-5}x + a^{-6}x^4 + a^{-6}x^2 - a^{-6} + a^{-9}x - a^{-10}x^2$
$KBSM(5_{48}) = a^4x^3 - a^4x - 2x^3 + 2x - a^{-1}x^4 + 3a^{-1}x^2 - a^{-1} + 2a^{-4}x^3 - a^{-4}x + a^{-5}x^4 - 2a^{-5}x^2 - a^{-8}x^3 - a^{-9}x^2 + a^{-9} + a^{-12}x$
$KBSM(\overline{5_{48}}) = a^{12}x - 2a^8x^3 + 2a^8x + 3a^4x^3 - 3a^4x + a^3x^4 - 3a^3x^2 + a^3 - x^3 - a^{-1}x^4 + 2a^{-1}x^2 + a^{-4}x + a^{-5}x^2 - a^{-5}$
$KBSM(5_{49}) = a^{14}x^2 - a^{10}x^4 + a^{10}x^2 + a^6x^4 - a^2x^4 + a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$
$KBSM(\overline{5_{49}}) = a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-10}x^4 + a^{-10}x^2 + a^{-14}x^2$
$KBSM(5_{50}) = -a^{-6}x^2 + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + 2a^{-18}x^2 - a^{-22}x^2 + a^{-26}$
$KBSM(\overline{5_{50}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2$
$KBSM(5_{51}) = a^{-4}x - a^{-8}x + a^{-12}x^3 + a^{-12}x - 2a^{-16}x^3 + a^{-16}x + a^{-20}x^3 - a^{-24}x$
$KBSM(\overline{5_{51}}) = -a^{24}x + a^{20}x^3 - 2a^{16}x^3 + a^{16}x + a^{12}x^3 + a^{12}x - a^8x + a^4x$
$KBSM(5_{52}) = -a^{16}x + a^{12}x - a^8x + a^4x^3 - x^3 + x + a^{-4}x$
$KBSM(\overline{5_{52}}) = a^4x - x^3 + x + a^{-4}x^3 - a^{-8}x + a^{-12}x - a^{-16}x$
$KBSM(5_{53}) = a^{-2}x^2 - a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{5_{53}}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + 2a^{10}x^2 - a^{10} - a^6x^4 + a^6x^2 + a^2x^2$
$KBSM(5_{54}) = a^{20}x - a^{16}x^3 + a^{12}x^3 + a^{12}x - a^8x^3 + a^4x^3 - x$
$KBSM(\overline{5_{54}}) = -x + a^{-4}x^3 - a^{-8}x^3 + a^{-12}x^3 + a^{-12}x - a^{-16}x^3 + a^{-20}x$
$KBSM(5_{55}) = -a^{18}x^2 + a^{14}x^4 - a^{10}x^4 - a^{10}x^2 + a^{10} + 2a^6x^2 - a^2x^2 + a^{-2}$
$KBSM(\overline{5_{55}}) = a^2 - a^{-2}x^2 + 2a^{-6}x^2 - a^{-10}x^4 - a^{-10}x^2 + a^{-10} + a^{-14}x^4 - a^{-18}x^2$
$KBSM(5_{56}) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + 2a^6x^2 - a^2x^4 + a^2x^2 - a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}$
$KBSM(\overline{5_{56}}) = -a^6 + 2a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + 2a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2$
$KBSM(5_{57}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-18}x^2 + a^{-18} + a^{-22}$
$KBSM(\overline{5_{57}}) = a^{22} - a^{18}x^2 + a^{18} + a^{14}x^2 - a^{10}x^2 + a^6x^2 - a^2x^2$
$KBSM(5_{58}) = -a^4x + x^3 - a^{-4}x^3 + a^{-8}x^3 - a^{-12}x^3 + a^{-12}x + a^{-16}x$
$KBSM(\overline{5_{58}}) = a^{16}x - a^{12}x^3 + a^{12}x + a^8x^3 - a^4x^3 + x^3 - a^{-4}x$
$KBSM(5_{59}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 + a^{-6}x^2 - a^{-10}x^4 + 2a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{5_{59}}) = -a^{18} + 2a^{14}x^2 - a^{14} - a^{10}x^4 + a^6x^4 + a^6x^2 - a^2x^4 + a^{-2}x^2$
$KBSM(5_{60}) = a^8x - a^4x^3 + 2x^3 - 2a^{-4}x^3 + a^{-4}x + a^{-8}x^3 - a^{-12}x$
$KBSM(\overline{5_{60}}) = -a^{12}x + a^8x^3 - 2a^4x^3 + a^4x + 2x^3 - a^{-4}x^3 + a^{-8}x$
$KBSM(5_{61}) = a^2x^2 - a^{-2}x^4 - a^{-2}x^2 + 2a^{-6}x^4 - a^{-6}x^2 - a^{-10}x^4 - a^{-10}x^2 + 2a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{5_{61}}) = -a^{18} + 2a^{14}x^2 - a^{14} - a^{10}x^4 - a^{10}x^2 + 2a^6x^4 - a^6x^2 - a^2x^4 - a^2x^2 + a^{-2}x^2$
$KBSM(5_{62}) = a^8x - 2a^4x^3 + 5x^3 - 4x + a^{-1}x^4 - 3a^{-1}x^2 + a^{-1} - 3a^{-4}x^3 - a^{-5}x^4 + 2a^{-5}x^2 + a^{-8}x^3 + a^{-8}x + a^{-9}x^2 - a^{-9} - a^{-12}x$
$KBSM(\overline{5_{62}}) = -a^{12}x + 2a^8x^3 - a^8x - 4a^4x^3 + 2a^4x - a^3x^4 + 3a^3x^2 - a^3 + 4x^3 - 2x + a^{-1}x^4 - 2a^{-1}x^2 - a^{-4}x^3 - 2a^{-4}x - a^{-5}x^2 + a^{-5} + a^{-8}x$

$KBSM(5_{63}) = -a^6x^2 + a^2x^4 - 2a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^4 + a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{5_{63}}) = a^{14} - 2a^{10}x^2 + a^{10} + a^6x^4 + a^6x^2 - 2a^2x^4 + a^2x^2 + a^{-2}x^4 - a^{-6}x^2$
$KBSM(5_{64}) = a^8x - 2a^4x^3 + a^4x + 4x^3 - 2x + a^{-1}x^4 - 3a^{-1}x^2 + a^{-1} - 3a^{-4}x^3 + a^{-4}x - a^{-5}x^4 + 2a^{-5}x^2 + a^{-8}x^3 + a^{-8}x + a^{-9}x^2 - a^{-9} - a^{-12}x$
$KBSM(\overline{5_{64}}) = -a^{12}x + 2a^8x^3 - a^8x - 4a^4x^3 + 3a^4x - a^3x^4 + 3a^3x^2 - a^3 + 3x^3 + a^{-1}x^4 - 2a^{-1}x^2 - a^{-4}x^3 - a^{-4}x - a^{-5}x^2 + a^{-5} + a^{-8}x$
$KBSM(5_{65}) = -a^6x^2 + 2a^2x^4 - a^2x^2 - 4a^{-2}x^4 + 4a^{-2}x^2 - a^{-2} - a^{-5}x^3 + 2a^{-5}x + 2a^{-6}x^4 + a^{-6}x^2 - a^{-6} + a^{-9}x - 3a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{5_{65}}) = a^{14} - 3a^{10}x^2 + a^{10} + 3a^6x^4 - 2a^6x^2 - 4a^2x^4 + 4a^2x^2 - a^2 - a^{-1}x^3 + 2a^{-1}x + a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-5}x - a^{-6}x^2$
$KBSM(5_{66}) = a^{10}x^2 - a^6x^4 + a^6x^2 + a^2x^4 - a^{-2}x^4 + 2a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{5_{66}}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^{-2}x^4 - a^{-6}x^4 + a^{-6}x^2 + a^{-10}x^2$
$KBSM(5_{67}) = -a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - a^{-10}x^2 - a^{-14}x^4 + 2a^{-14}x^2 - a^{-14} + a^{-18}x^2 - a^{-18}$
$KBSM(\overline{5_{67}}) = a^{18}x^2 - a^{18} - a^{14}x^4 + 2a^{14}x^2 - a^{14} + a^{10}x^4 - a^{10}x^2 - a^6x^4 + 2a^6x^2$
$KBSM(5_{68}) = -a^8x^3 + a^8x + 2a^4x^3 - 3a^4x + a^3x^4 - 3a^3x^2 + a^3 - x - a^{-1}x^4 + 2a^{-1}x^2 + a^{-5}x^2 - a^{-5}$
$KBSM(\overline{5_{68}}) = a^4x^3 - 2a^4x - x^3 + x - a^{-1}x^4 + 3a^{-1}x^2 - a^{-1} + a^{-4}x^3 - a^{-4}x + a^{-5}x^4 - 2a^{-5}x^2 - a^{-8}x - a^{-9}x^2 + a^{-9}$
$KBSM(5_{69}) = a^{-2}x^4 - 2a^{-2}x^2 - 2a^{-6}x^4 + 4a^{-6}x^2 - a^{-6} - a^{-9}x^3 + 2a^{-9}x + a^{-10}x^4 - a^{-10}x^2 + a^{-13}x - a^{-14}x^2 + a^{-14}$
$KBSM(\overline{5_{69}}) = -a^{14}x^2 + a^{14} + 2a^{10}x^4 - 4a^{10}x^2 + a^{10} - 2a^6x^4 + 4a^6x^2 - a^6 - a^3x^3 + 2a^3x + a^2x^2 - a^2 + a^{-1}x$
$KBSM(5_{70}) = a^{12}x^3 - a^{12}x - 2a^8x^3 + 2a^8x - a^7x^4 + 3a^7x^2 - a^7 + a^4x^3 + a^3x^4 - 2a^3x^2 - a^{-1}x^2 + a^{-1}$
$KBSM(\overline{5_{70}}) = -x^3 + 2x + 2a^{-4}x^3 - 2a^{-4}x + a^{-5}x^4 - 3a^{-5}x^2 + a^{-5} - a^{-8}x^3 - a^{-9}x^4 + 2a^{-9}x^2 + a^{-12}x + a^{-13}x^2 - a^{-13}$
$KBSM(5_{71}) = a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2 - a^2 + a^{-2}x^2 - a^{-2} - a^{-6}$
$KBSM(\overline{5_{71}}) = -a^6 + a^2x^2 - a^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 3a^{-10}x^2 + a^{-10}$
$KBSM(5_{72}) = a^{-8}x^3 - a^{-8}x + a^{-9}x^4 - 3a^{-9}x^2 + a^{-9} - a^{-12}x^3 + a^{-12}x - a^{-13}x^4 + 2a^{-13}x^2 + a^{-16}x + a^{-17}x^2 - a^{-17}$
$KBSM(\overline{5_{72}}) = a^{16}x^3 - a^{16}x - 2a^{12}x^3 + 3a^{12}x - a^{11}x^4 + 3a^{11}x^2 - a^{11} + a^8x + a^7x^4 - 2a^7x^2 + a^4x^3 - 2a^4x - a^3x^2 + a^3$
$KBSM(5_{73}) = a^6x^4 - 2a^6x^2 + a^6 - a^2x^4 + a^2x^2 - a^{-1}x^3 + 2a^{-1}x + a^{-2}x^2 - a^{-2} + a^{-5}x$
$KBSM(\overline{5_{73}}) = a^2x^4 - 2a^2x^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-5}x^3 + 2a^{-5}x + a^{-6}x^2 + a^{-9}x$
$KBSM(5_{74}) = -a^{-10}x^4 + 3a^{-10}x^2 - a^{-10} + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{5_{74}}) = -a^{22} + a^{18}x^2 - a^{10}x^4 + 3a^{10}x^2 - a^{10}$
$KBSM(5_{75}) = a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2 + a^{-2}$
$KBSM(\overline{5_{75}}) = a^2 - a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 3a^{-10}x^2 + a^{-10}$
$KBSM(5_{76}) = a^4x^3 - 2a^4x - x^3 + x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(\overline{5_{76}}) = a^4x^3 - 2a^4x - x^3 + x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(5_{77}) = -a^6x^2 + a^6 + 2a^2x^2 - a^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2 - a^{-10}$
$KBSM(\overline{5_{77}}) = -a^{10} + a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(5_{78}) = a^4x^3 - 2a^4x - x^3 + 2x + a^{-8}x$
$KBSM(\overline{5_{78}}) = a^8x - x^3 + 2x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(5_{79}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - a^{-14}x^4 + a^{-14}x^2 + a^{-18}x^4 - a^{-18}x^2 + a^{-18} - a^{-22}x^2$
$KBSM(\overline{5_{79}}) = -a^{22}x^2 + a^{18}x^4 - a^{18}x^2 + a^{18} - a^{14}x^4 + a^{14}x^2 + a^{10}x^2 - a^6x^2 + a^6$
$KBSM(5_{80}) = a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^2$
$KBSM(\overline{5_{80}}) = a^2x^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(5_{81}) = -a^{-10}x^4 + 3a^{-10}x^2 - a^{-10} - a^{-14} + 2a^{-18}x^2 - a^{-18} - a^{-22}x^2 + a^{-26}$
$KBSM(\overline{5_{81}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - a^{18} - a^{14} - a^{10}x^4 + 3a^{10}x^2 - a^{10}$
$KBSM(5_{82}) = -a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^4 - a^{-10} - a^{-14}x^4 + a^{-14}x^2 + a^{-18}x^2$
$KBSM(\overline{5_{82}}) = a^{18}x^2 - a^{14}x^4 + a^{14}x^2 + a^{10}x^4 - a^{10} - a^6x^4 + 2a^6x^2 - a^6$
$KBSM(5_{83}) = -a^4x^3 + a^4x + 2x^3 - x + a^{-1}x^4 - 3a^{-1}x^2 + a^{-1} - a^{-4}x^3 - a^{-5}x^4 + 2a^{-5}x^2 + a^{-8}x + a^{-9}x^2 - a^{-9}$

$KBSM(\overline{5_{83}}) = a^8x^3-a^8x-2a^4x^3+2a^4x-a^3x^4+3a^3x^2-a^3+x^3+x+a^{-1}x^4-2a^{-1}x^2-a^{-4}x-a^{-5}x^2+a^{-5}$
$KBSM(5_{84}) = a^{-2}x^4-2a^{-2}x^2+a^{-2}-2a^{-6}x^4+3a^{-6}x^2-a^{-9}x^3+2a^{-9}x+a^{-10}x^4-a^{-10}+a^{-13}x-a^{-14}x^2$
$KBSM(\overline{5_{84}}) = -a^{14}x^2+2a^{10}x^4-3a^{10}x^2-2a^6x^4+3a^6x^2-a^3x^3+2a^3x+a^2x^2+a^{-1}x$
$KBSM(\overline{5_{85}}) = a^{14}x^4-3a^{14}x^2+a^{14}-a^7x^3+2a^7x-a^6x^4+3a^6x^2-a^6+a^3x$
$KBSM(5_{86}) = a^{14}-a^{10}x^2+2a^6x^2-a^6-2a^2x^2+a^{-2}x^2-a^{-2}-a^{-6}$
$KBSM(\overline{5_{86}}) = -a^6+a^2x^2-a^2-2a^{-2}x^2+2a^{-6}x^2-a^{-6}-a^{-10}x^2+a^{-14}$
$KBSM(5_{87}) = -a^{-6}x^2+a^{-6}+a^{-10}x^2-a^{-10}-a^{-14}x^2+a^{-18}+a^{-26}$
$KBSM(\overline{5_{87}}) = a^{26}+a^{18}-a^{14}x^2+a^{10}x^2-a^{10}-a^6x^2+a^6$
$KBSM(5_{88}) = -a^{-6}x^2+a^{-6}+a^{-10}x^2-2a^{-14}x^2+a^{-14}+a^{-18}x^2-a^{-22}+a^{-26}$
$KBSM(\overline{5_{88}}) = a^{26}-a^{22}+a^{18}x^2-2a^{14}x^2+a^{14}+a^{10}x^2-a^6x^2+a^6$
$KBSM(5_{89}) = -a^{-6}x^2+2a^{-10}x^2-2a^{-10}-2a^{-14}x^2+a^{-18}x^2-a^{-22}+a^{-26}$
$KBSM(\overline{5_{89}}) = a^{26}-a^{22}+a^{18}x^2-2a^{14}x^2+2a^{10}x^2-2a^{10}-a^6x^2$
$KBSM(5_{90}) = -a^{-2}+a^{-6}-a^{-10}x^2+a^{-14}x^2-a^{-14}-a^{-18}x^2+a^{-22}x^2-a^{-22}$
$KBSM(\overline{5_{90}}) = a^{22}x^2-a^{22}-a^{18}x^2+a^{14}x^2-a^{14}-a^{10}x^2+a^6-a^2$
$KBSM(5_{91}) = -a^{-2}-a^{-10}-a^{-18}x^2+a^{-18}+a^{-22}x^2-a^{-22}$
$KBSM(\overline{5_{91}}) = a^{22}x^2-a^{22}-a^{18}x^2+a^{18}-a^{10}-a^2$
$KBSM(5_{92}) = a^{-4}x-2a^{-8}x+a^{-12}x^3+a^{-12}x-a^{-16}x^3+2a^{-20}x-a^{-24}x$
$KBSM(\overline{5_{92}}) = -a^{24}x+2a^{20}x-a^{16}x^3+a^{12}x^3+a^{12}x-2a^8x+a^4x$
$KBSM(5_{93}) = -a^{-10}x^2+a^{-10}+a^{-30}$
$KBSM(\overline{5_{93}}) = a^{30}-a^{10}x^2+a^{10}$
$KBSM(5_{94}) = -a^{-6}-a^{-14}x^2+a^{-18}x^2-a^{-22}x^2+a^{-26}x^2-a^{-26}$
$KBSM(\overline{5_{94}}) = a^{26}x^2-a^{26}-a^{22}x^2+a^{18}x^2-a^{14}x^2-a^6$
$KBSM(5_{95}) = -a^{-6}-a^{-14}x^2-a^{-14}+2a^{-18}x^2-a^{-18}-2a^{-22}x^2+a^{-22}+a^{-26}x^2$
$KBSM(\overline{5_{95}}) = a^{26}x^2-2a^{22}x^2+a^{22}+2a^{18}x^2-a^{18}-a^{14}x^2-a^{14}-a^6$

2.13 Knots in $L(9,2)$

$KBSM(0_1) = x$
$KBSM(1_1) = -a^{-2}x^2+a^{-2}+a^{-6}$
$KBSM(\overline{1_1}) = a^6-a^2x^2+a^2$
$KBSM(2_1) = -a^{-2}x^2+a^{-6}x^2-a^{-6}-a^{-10}$
$KBSM(\overline{2_1}) = -a^{10}+a^6x^2-a^6-a^2x^2$
$KBSM(*2_2) = -a^4x+x^3-x-a^{-4}x$
$KBSM(2_3) = a^{-4}x^3-2a^{-4}x-a^{-8}x$
$KBSM(\overline{2_3}) = -a^8x+a^4x^3-2a^4x$
$KBSM(3_1) = a^{-4}x^3-a^{-4}x-a^{-8}x^3+a^{-8}x+a^{-12}x$
$KBSM(\overline{3_1}) = a^{12}x-a^8x^3+a^8x+a^4x^3-a^4x$
$KBSM(3_2) = a^6x^2-a^2x^4+2a^2x^2-a^2+a^{-2}x^2-a^{-2}$
$KBSM(\overline{3_2}) = a^2x^2-a^2-a^{-2}x^4+2a^{-2}x^2-a^{-2}+a^{-6}x^2$
$KBSM(3_3) = -a^{-2}x^2+a^{-6}x^2-a^{-10}x^2+a^{-10}+a^{-14}$
$KBSM(\overline{3_3}) = a^{14}-a^{10}x^2+a^{10}+a^6x^2-a^2x^2$
$KBSM(3_4) = -a^4x+x^3-a^{-4}x^3+a^{-4}x+a^{-8}x$
$KBSM(\overline{3_4}) = a^8x-a^4x^3+a^4x+x^3-a^{-4}x$
$KBSM(3_5) = a^2x^2-a^{-2}x^4+a^{-2}x^2+2a^{-6}x^2-a^{-6}-a^{-10}$
$KBSM(\overline{3_5}) = -a^{10}+2a^6x^2-a^6-a^2x^4+a^2x^2+a^{-2}x^2$
$KBSM(3_6) = -a^{-6}x^4+3a^{-6}x^2-a^{-6}+a^{-10}x^2-a^{-10}$
$KBSM(\overline{3_6}) = a^{10}x^2-a^{10}-a^6x^4+3a^6x^2-a^6$
$KBSM(3_7) = -a^{-6}x^2+a^{-6}+a^{-18}$
$KBSM(\overline{3_7}) = a^{18}-a^6x^2+a^6$

$KBSM(3_8) = -a^{-2} - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(\overline{3_8}) = a^{14}x^2 - a^{14} - a^{10}x^2 - a^2$
$KBSM(4_1) = -a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 2a^{-10}x^2 + a^{-10} - a^{-14}x^2 + a^{-14}$
$KBSM(\overline{4_1}) = -a^{14}x^2 + a^{14} + a^{10}x^4 - 2a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2$
$KBSM(4_2) = -a^8x^3 + a^8x + a^4x^3 - a^4x - x^4 + 3x^2 - 1 + a^{-4}x^2 - a^{-4}$
$KBSM(\overline{4_2}) = -x^3 + 2x + a^{-4}x^3 - a^{-4}x - a^{-8}x^4 + 3a^{-8}x^2 - a^{-8}x - a^{-8} + a^{-12}x^2 - a^{-12}$
$KBSM(4_3) = a^{-4}x^3 - 2a^{-8}x^3 + 2a^{-8}x + a^{-12}x^3 - a^{-16}x$
$KBSM(\overline{4_3}) = -a^{16}x + a^{12}x^3 - 2a^8x^3 + 2a^8x + a^4x^3$
$KBSM(4_4) = a^2x^2 - a^{-2}x^4 + a^{-2} + a^{-6}x^4 - a^{-6}x^2 + a^{-6} - a^{-10}x^2$
$KBSM(\overline{4_4}) = -a^{10}x^2 + a^6x^4 - a^6x^2 + a^6 - a^2x^4 + a^2 + a^{-2}x^2$
$KBSM(4_5) = -a^4x^3 + 2x^3 - x - a^{-4}x^4 - a^{-4}x^3 + 3a^{-4}x^2 - a^{-4} + a^{-8}x^2 + a^{-8}x - a^{-8}$
$KBSM(\overline{4_5}) = a^8x - 2a^4x^3 + 2a^4x + 2x^3 - x - a^{-4}x^4 + 3a^{-4}x^2 - 2a^{-4}x - a^{-4} + a^{-8}x^2 - a^{-8}$
$KBSM(4_6) = -a^{-6}x^2 + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{4_6}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2$
$KBSM(4_7) = a^{-4}x - a^{-8}x + a^{-12}x^3 - a^{-16}x^3 + a^{-20}x$
$KBSM(\overline{4_7}) = a^{20}x - a^{16}x^3 + a^{12}x^3 - a^8x + a^4x$
$KBSM(4_8) = -a^{16}x + a^{12}x - a^8x + a^4x^3 - a^4x - x$
$KBSM(\overline{4_8}) = -x + a^{-4}x^3 - a^{-4}x - a^{-8}x + a^{-12}x - a^{-16}x$
$KBSM(4_9) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2 + a^{-2}$
$KBSM(\overline{4_9}) = a^2 - a^{-2}x^2 + a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2$
$KBSM(4_{10}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{4_{10}}) = -a^{18} + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^2$
$KBSM(4_{11}) = -a^4x + x^3 - a^{-4}x^3 + a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(\overline{4_{11}}) = -a^{12}x + a^8x^3 - a^8x - a^4x^3 + x^3 - a^{-4}x$
$KBSM(4_{12}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 - 2a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{4_{12}}) = a^{14} - 2a^{10}x^2 + a^{10} + a^6x^4 - a^2x^4 + a^{-2}x^2$
$KBSM(*4_{13}) = a^8x - a^4x^3 + 2x^3 - x - a^{-4}x^3 + a^{-8}x$
$KBSM(*4_{14}) = a^8x - 2a^4x^3 + a^4x + 3x^3 - 2x - a^{-4}x^4 - a^{-4}x^3 + 3a^{-4}x^2 - a^{-4}x - a^{-4} + a^{-8}x^2 + a^{-8}x - a^{-8}$
$KBSM(4_{15}) = -a^6x^2 + a^2x^4 - a^2x^2 - a^{-2}x^4 + 2a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{4_{15}}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^2$
$KBSM(4_{16}) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-12}x^3 - a^{-12}x - a^{-16}x$
$KBSM(\overline{4_{16}}) = -a^{16}x + a^{12}x^3 - a^{12}x - a^8x^3 + a^4x^3 - a^4x$
$KBSM(4_{17}) = a^6x^2 - a^2x^4 + a^2x^2 + a^{-2}x^4 - 2a^{-2}x^2 + a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(\overline{4_{17}}) = -a^6x^2 + a^6 + a^2x^4 - 2a^2x^2 + a^2 - a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^2$
$KBSM(4_{18}) = -x^3 + x + 2a^{-4}x^3 - 2a^{-4}x - a^{-8}x^4 - a^{-8}x^3 + 3a^{-8}x^2 - a^{-8} + a^{-12}x^2 + a^{-12}x - a^{-12}$
$KBSM(\overline{4_{18}}) = a^{12}x - 2a^8x^3 + 2a^8x + 2a^4x^3 - 2a^4x - x^4 + 3x^2 - x - 1 + a^{-4}x^2 - a^{-4}$
$KBSM(4_{19}) = -a^{10}x^2 + a^6x^4 - a^6x^2 - a^2x^4 + a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$
$KBSM(\overline{4_{19}}) = a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-6}x^2 - a^{-10}x^2$
$KBSM(4_{20}) = -a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^4 - a^{-10}x^2 - a^{-10} - a^{-14}x^2$
$KBSM(\overline{4_{20}}) = -a^{14}x^2 + a^{10}x^4 - a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6$
$KBSM(*4_{21}) = -a^4x^3 + a^4x + x^3 - a^{-4}x^4 + 3a^{-4}x^2 - a^{-4}x - a^{-4} + a^{-8}x^2 - a^{-8}$
$KBSM(4_{22}) = a^{-8}x^3 - 2a^{-8}x - a^{-16}x$
$KBSM(\overline{4_{22}}) = -a^{16}x + a^8x^3 - 2a^8x$
$KBSM(4_{23}) = -a^{12}x^3 + 2a^{12}x + a^8x^3 - a^8x$
$KBSM(\overline{4_{23}}) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(\overline{4_{24}}) = -a^{12}x^3 + 2a^{12}x - a^4x^4 + a^4x^3 + 3a^4x^2 - 2a^4x - a^4 + x^2 - 1$
$KBSM(4_{25}) = -a^6x^2 + a^6 + a^2x^2 - a^2 - a^{-2} - a^{-10}$
$KBSM(\overline{4_{25}}) = -a^{10} - a^2 + a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(4_{26}) = -a^6x^2 + a^6 + a^2x^2 - a^{-2}x^2 + a^{-2} + a^{-6} - a^{-10}$
$KBSM(\overline{4_{26}}) = -a^{10} + a^6 - a^2x^2 + a^2 + a^{-2}x^2 - a^{-6}x^2 + a^{-6}$

$KBSM(*4_{27}) = a^8x - 2a^4x + x^3 - x - 2a^{-4}x + a^{-8}x$
$KBSM(5_1) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(\overline{5_1}) = -a^{12}x^3 + 2a^{12}x + a^8x^3 - a^8x$
$KBSM(5_2) = a^{-6} - a^{-10}x^4 + a^{-10}x^2 + a^{-14}x^4 - a^{-14}x^2 - a^{-18}x^2 + a^{-18}$
$KBSM(\overline{5_2}) = -a^{18}x^2 + a^{18} + a^{14}x^4 - a^{14}x^2 - a^{10}x^4 + a^{10}x^2 + a^6$
$KBSM(5_3) = -a^{12}x^3 + a^{12}x + 2a^8x^3 - 2a^8x - a^4x^3 + a^4x + x$
$KBSM(\overline{5_3}) = x - a^{-4}x^3 + a^{-4}x + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x^3 + a^{-12}x$
$KBSM(5_4) = a^{14}x^2 - a^{14} - a^6x^4 + 2a^6x^2 + a^2x^2 - a^2$
$KBSM(\overline{5_4}) = a^{-2}x^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(5_5) = a^{-8}x^3 - 2a^{-8}x - a^{-12}x^4 + 3a^{-12}x^2 - a^{-12}x - a^{-12} + a^{-16}x^4 - 2a^{-16}x^2 - a^{-20}x^2 + a^{-20}$
$KBSM(\overline{5_5}) = a^{16}x^3 - 2a^{16}x - a^{12}x^3 + a^{12}x + a^8x^4 - 3a^8x^2 + a^8 - a^4x^4 + a^4x^3 + 2a^4x^2 - 2a^4x + x^2 - 1$
$KBSM(5_6) = a^{10}x^4 - 2a^{10}x^2 - a^6x^4 + 2a^6x^2 + a^2x^4 - 3a^2x^2 + a^2 - a^{-2}x^4 + a^{-2}x^3 + 2a^{-2}x^2 - 2a^{-2}x + a^{-6}x^2 - a^{-6}x - a^{-6}$
$KBSM(\overline{5_6}) = a^{-2}x^4 - 3a^{-2}x^2 + a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 2a^{-10}x^2 - a^{-14}x^4 + a^{-14}x^3 + 2a^{-14}x^2 - 2a^{-14}x + a^{-18}x^2 - a^{-18}x - a^{-18}$
$KBSM(5_7) = -a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^4 - 3a^{-10}x^2 - a^{-14}x^4 + a^{-14}x^2 - a^{-14} + a^{-18}x^2 - a^{-18}$
$KBSM(\overline{5_7}) = a^{18}x^2 - a^{18} - a^{14}x^4 + a^{14}x^2 - a^{14} + 2a^{10}x^4 - 3a^{10}x^2 - a^6x^4 + a^6x^2$
$KBSM(5_8) = -x^3 + x + 3a^{-4}x^3 - 4a^{-4}x - a^{-8}x^4 - a^{-8}x^3 + 3a^{-8}x^2 - a^{-8}x - a^{-8} + a^{-12}x^4 - 2a^{-12}x^2 + a^{-12}x - a^{-16}x^2 + a^{-16}$
$KBSM(\overline{5_8}) = a^{12}x^3 - a^{12}x - 2a^8x^3 + a^8x + a^4x^4 + 2a^4x^3 - 3a^4x^2 - 2a^4x + a^4 - x^4 + 2x^2 - x + a^{-4}x^2 - a^{-4}$
$KBSM(5_9) = a^6x^4 - a^6x^2 - 2a^2x^4 + 3a^2x^2 - a^2 + 2a^{-2}x^4 - 4a^{-2}x^2 + a^{-2} - a^{-6}x^4 + a^{-6}x^3 + a^{-6}x^2 - 2a^{-6}x + a^{-6} + a^{-10}x^2 - a^{-10}x - a^{-10}$
$KBSM(\overline{5_9}) = -a^6x^2 + a^6 + 2a^2x^4 - 4a^2x^2 + a^2 - 2a^{-2}x^4 + 3a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-6}x^2 - a^{-10}x^4 + a^{-10}x^3 + 2a^{-10}x^2 - 2a^{-10}x + a^{-14}x^2 - a^{-14}x - a^{-14}$
$KBSM(5_{10}) = a^{-4}x^3 - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x^3 + a^{-20}x$
$KBSM(\overline{5_{10}}) = a^{20}x - a^{16}x^3 + 2a^{12}x^3 - a^{12}x - 2a^8x^3 + a^8x + a^4x^3$
$KBSM(5_{11}) = a^2x^2 - a^{-2}x^4 - a^{-2}x^2 + a^{-2} + 2a^{-6}x^4 - 2a^{-6}x^2 + a^{-6} - a^{-10}x^4 + a^{-14}x^2$
$KBSM(\overline{5_{11}}) = a^{14}x^2 - a^{10}x^4 + 2a^6x^4 - 2a^6x^2 + a^6 - a^2x^4 - a^2x^2 + a^2 + a^{-2}x^2$
$KBSM(5_{12}) = -x^3 + 4a^{-4}x^3 - 4a^{-4}x - a^{-8}x^4 - 3a^{-8}x^3 + 3a^{-8}x^2 + a^{-8}x - a^{-8} + a^{-12}x^4 + a^{-12}x^3 - 2a^{-12}x^2 + a^{-12}x - a^{-16}x^2 - a^{-16}x + a^{-16}$
$KBSM(\overline{5_{12}}) = -a^{16}x + 2a^{12}x^3 - a^{12}x - 4a^8x^3 + 3a^8x + a^4x^4 + 3a^4x^3 - 3a^4x^2 - 2a^4x + a^4 - x^4 + 2x^2 - 2x + a^{-4}x^2 - a^{-4}$
$KBSM(5_{13}) = -a^6x^2 + a^2x^4 - a^2 - 2a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-10}x^2$
$KBSM(\overline{5_{13}}) = -a^{10}x^2 + a^6x^4 - 2a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^4 - a^{-2} - a^{-6}x^2$
$KBSM(5_{14}) = -a^4x^3 + 3x^3 - 2x - a^{-4}x^4 - 2a^{-4}x^3 + 3a^{-4}x^2 - a^{-4} + a^{-8}x^4 + a^{-8}x^3 - 2a^{-8}x^2 - a^{-12}x^2 - a^{-12}x + a^{-12}$
$KBSM(\overline{5_{14}}) = -a^{12}x + 2a^8x^3 - 2a^8x - 3a^4x^3 + 2a^4x + x^4 + 2x^3 - 3x^2 + 1 - a^{-4}x^4 + 2a^{-4}x^2 - 2a^{-4}x + a^{-8}x^2 - a^{-8}$
$KBSM(5_{15}) = -a^{10}x^2 + 2a^6x^4 - 2a^6x^2 + a^6 - 3a^2x^4 + 3a^2x^2 + 2a^{-2}x^4 - 2a^{-2}x^2 - a^{-6}x^4 + a^{-6}x^3 + a^{-6}x^2 - 2a^{-6}x + a^{-10}x^2 - a^{-10}x - a^{-10}$
$KBSM(\overline{5_{15}}) = -a^6x^2 + 2a^2x^4 - 2a^2x^2 - 3a^{-2}x^4 + 3a^{-2}x^2 + 2a^{-6}x^4 - 2a^{-6}x^2 + a^{-6} - a^{-10}x^4 + a^{-10}x^3 + a^{-10}x^2 - 2a^{-10}x + a^{-14}x^2 - a^{-14}x - a^{-14}$
$KBSM(5_{16}) = a^8x^3 - 3a^4x^3 + 2a^4x + x^4 + 3x^3 - 3x^2 - x + 1 - a^{-4}x^4 - a^{-4}x^3 + 2a^{-4}x^2 - a^{-4}x + a^{-8}x^2 + a^{-8}x - a^{-8}$
$KBSM(\overline{5_{16}}) = a^8x - 2a^4x^3 + a^4x + 4x^3 - 3x - a^{-4}x^4 - 2a^{-4}x^3 + 3a^{-4}x^2 - a^{-4} + a^{-8}x^4 - 2a^{-8}x^2 + 2a^{-8}x - a^{-12}x^2 + a^{-12}$
$KBSM(5_{17}) = a^{14}x^2 - a^{10}x^4 + a^{10}x^2 - a^{10} + a^6x^4 + a^6x^2 - a^6 - a^2x^4 + a^{-2}x^2$
$KBSM(\overline{5_{17}}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 + a^{-6}x^2 - a^{-6} - a^{-10}x^4 + a^{-10}x^2 - a^{-10} + a^{-14}x^2$
$KBSM(5_{18}) = -a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^4 - 3a^{-10}x^2 + a^{-10} - a^{-14}x^4 + a^{-14} + a^{-18}x^2$
$KBSM(\overline{5_{18}}) = a^{18}x^2 - a^{14}x^4 + a^{14} + 2a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + a^6x^2$

$KBSM(5_{19}) = -a^4x^3 + 3x^3 - 3x - a^{-4}x^4 - a^{-4}x^3 + 3a^{-4}x^2 - a^{-4}x - a^{-4} + a^{-8}x^4 - 2a^{-8}x^2 + a^{-8}x - a^{-12}x^2 + a^{-12}$

$KBSM(\overline{5_{19}}) = a^8x^3 - a^8x - 2a^4x^3 + a^4x + x^4 + 2x^3 - 3x^2 - x + 1 - a^{-4}x^4 + 2a^{-4}x^2 - 2a^{-4}x + a^{-8}x^2 - a^{-8}$

$KBSM(5_{20}) = a^2x^4 - a^2x^2 - 2a^{-2}x^4 + 2a^{-2}x^2 + 2a^{-6}x^4 - 3a^{-6}x^2 + a^{-6} - a^{-10}x^4 + a^{-10}x^3 + a^{-10}x^2 - 2a^{-10}x + a^{-14}x^2 - a^{-14}x - a^{-14}$

$KBSM(\overline{5_{20}}) = -a^{10}x^2 + 2a^6x^4 - 3a^6x^2 + a^6 - 2a^2x^4 + 2a^2x^2 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^4 + a^{-6}x^3 + 2a^{-6}x^2 - 2a^{-6}x + a^{-10}x^2 - a^{-10}x - a^{-10}$

$KBSM(5_{21}) = a^{12}x^3 - 3a^8x^3 + 3a^8x + a^4x^4 + 2a^4x^3 - 3a^4x^2 - a^4x + a^4 - x^4 + 2x^2 - x + a^{-4}x^2 - a^{-4}$

$KBSM(\overline{5_{21}}) = -x^3 + x + 3a^{-4}x^3 - 3a^{-4}x - a^{-8}x^4 - 2a^{-8}x^3 + 3a^{-8}x^2 + a^{-8}x - a^{-8} + a^{-12}x^4 - 2a^{-12}x^2 + 2a^{-12}x - a^{-16}x^2 + a^{-16}$

$KBSM(5_{22}) = -a^6x^2 + a^2x^4 - a^2x^2 - a^{-2}x^4 + a^{-2} + a^{-6}x^2 + a^{-6}$

$KBSM(\overline{5_{22}}) = a^6x^2 + a^6 - a^2x^4 + a^2 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^2$

$KBSM(5_{23}) = -a^{12}x + a^8x^3 - a^8x - a^4x^3 + a^4x + 2x$

$KBSM(\overline{5_{23}}) = 2x - a^{-4}x^3 + a^{-4}x + a^{-8}x^3 - a^{-8}x - a^{-12}x$

$KBSM(5_{24}) = -a^{-6}x^4 + 3a^{-6}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}$

$KBSM(\overline{5_{24}}) = -a^{18} + a^{14}x^2 - a^{14} - a^6x^4 + 3a^6x^2$

$KBSM(5_{25}) = -a^{-6}x^2 + 2a^{-10}x^2 - a^{-14}x^4 - a^{-14}x^2 + a^{-14} + a^{-18}x^4 + a^{-18}x^2 - 2a^{-22}x^2 + a^{-26}$

$KBSM(\overline{5_{25}}) = a^{26} - 2a^{22}x^2 + a^{18}x^4 + a^{18}x^2 - a^{14}x^4 - a^{14}x^2 + a^{14} + 2a^{10}x^2 - a^6x^2$

$KBSM(5_{26}) = -x + a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-16}x^3 - a^{-16}x + a^{-20}x$

$KBSM(\overline{5_{26}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - 2a^8x^3 + a^8x + a^4x^3 + a^4x - x$

$KBSM(5_{27}) = -x + a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-16}x^3 - a^{-16}x + a^{-20}x$

$KBSM(\overline{5_{27}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - 2a^8x^3 + a^8x + a^4x^3 + a^4x - x$

$KBSM(5_{28}) = a^{14}x^2 - 2a^{10}x^2 + 3a^6x^2 - a^6 - a^2x^4 + 2a^{-2}x^2 - a^{-6}$

$KBSM(\overline{5_{28}}) = -a^6 + 2a^2x^2 - a^{-2}x^4 + 3a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^2$

$KBSM(5_{29}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 - a^{-10} + a^{-14}$

$KBSM(\overline{5_{29}}) = a^{14} - a^{10}x^2 - a^{10} + 2a^6x^2 - a^6 - 2a^2x^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$

$KBSM(5_{30}) = a^8x - a^4x + 2x - a^{-4}x^3 + a^{-8}x^3 - a^{-12}x$

$KBSM(\overline{5_{30}}) = -a^{12}x + a^8x^3 - a^4x^3 + 2x - a^{-4}x + a^{-8}x$

$KBSM(5_{31}) = a^8x - 2a^4x + x^3 + x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x^3 + a^{-8}x - a^{-12}x$

$KBSM(\overline{5_{31}}) = -a^{12}x + a^8x^3 + a^8x - 2a^4x^3 + a^4x + x^3 + x - 2a^{-4}x + a^{-8}x$

$KBSM(5_{32}) = a^8x - 2a^4x + x^3 - a^{-4}x^3 - a^{-4}x + a^{-8}x^3 - a^{-12}x$

$KBSM(\overline{5_{32}}) = -a^{12}x + a^8x^3 - a^4x^3 - a^4x + x^3 - 2a^{-4}x + a^{-8}x$

$KBSM(5_{33}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + a^{-2} + a^{-6}x^2 + a^{-6} - a^{-10}x^2 + a^{-14}$

$KBSM(\overline{5_{33}}) = a^{14} - a^{10}x^2 + a^6x^2 + a^6 - 2a^2x^2 + a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$

$KBSM(5_{34}) = -a^6x^2 + 3a^2x^2 - a^2 - a^{-2}x^4 + 3a^{-6}x^2 - a^{-6} - a^{-10}x^2 - a^{-10} + a^{-14}$

$KBSM(\overline{5_{34}}) = a^{14} - a^{10}x^2 - a^{10} + 3a^6x^2 - a^6 - a^2x^4 + 3a^{-2}x^2 - a^{-2} - a^{-6}x^2$

$KBSM(5_{35}) = -a^{-6}x^2 + 2a^{-10}x^2 - a^{-10} - a^{-14}x^4 - a^{-14} + a^{-18}x^4 + a^{-18}x^2 - a^{-18} - 2a^{-22}x^2 + a^{-26}$

$KBSM(\overline{5_{35}}) = a^{26} - 2a^{22}x^2 + a^{18}x^4 + a^{18}x^2 - a^{18} - a^{14}x^4 - a^{14} + 2a^{10}x^2 - a^{10} - a^6x^2$

$KBSM(5_{36}) = -x + a^{-4}x^3 - a^{-8}x^3 - a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x^3 - a^{-16}x + a^{-20}x$

$KBSM(\overline{5_{36}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - a^{12}x - a^8x^3 - a^8x + a^4x^3 - x$

$KBSM(5_{37}) = a^{14}x^2 - 2a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-6}$

$KBSM(\overline{5_{37}}) = -a^6 + a^2x^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^2$

$KBSM(5_{38}) = -a^{-2} + a^{-6}x^2 - a^{-6} - a^{-10}x^4 + a^{-10}x^2 - a^{-10} + a^{-14}x^4 - a^{-14}x^2 - a^{-18}x^2 + a^{-18}$

$KBSM(\overline{5_{38}}) = -a^{18}x^2 + a^{18} + a^{14}x^4 - a^{14}x^2 - a^{10}x^4 + a^{10}x^2 - a^{10} + a^6x^2 - a^6 - a^2$

$KBSM(5_{39}) = -a^{12}x^3 + a^{12}x + 2a^8x^3 - 2a^8x - a^4x^3 + x^3 - x - a^{-4}x$

$KBSM(\overline{5_{39}}) = -a^4x + x^3 - x - a^{-4}x^3 + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x^3 + a^{-12}x$

$KBSM(5_{40}) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + a^{-12}x + a^{-16}x^3 - a^{-16}x - a^{-20}x^3 + a^{-20}x + a^{-24}x$

$KBSM(\overline{5_{40}}) = a^{24}x - a^{20}x^3 + a^{20}x + a^{16}x^3 - a^{16}x - a^{12}x^3 + a^{12}x + a^8x^3 - a^8x$

$KBSM(5_{41}) = a^{18} + a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6 + a^2x^2 - a^2$

$KBSM(\overline{5_{41}}) = a^{-2}x^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10} + a^{-18}$

$KBSM(5_{42}) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-12}x^3 - a^{-16}x^3 + a^{-16}x + a^{-20}x$

$KBSM(\overline{5_{42}}) = a^{20}x - a^{16}x^3 + a^{16}x + a^{12}x^3 - a^8x^3 + a^4x^3 - a^4x$

$KBSM(5_{43}) = a^6x^2 - a^2x^4 + a^2x^2 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10}$

$KBSM(\overline{5_{43}}) = a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6 + a^2x^4 - a^2x^2 - a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^2$

$KBSM(5_{44}) = -x^3 + x + 3a^{-4}x^3 - 3a^{-4}x - a^{-8}x^4 - 2a^{-8}x^3 + 3a^{-8}x^2 - a^{-8} + a^{-12}x^4 + a^{-12}x^3 - 2a^{-12}x^2 - a^{-16}x^2 - a^{-16}x + a^{-16}$

$KBSM(\overline{5_{44}}) = -a^{16}x + 2a^{12}x^3 - 2a^{12}x - 3a^8x^3 + 2a^8x + a^4x^4 + 2a^4x^3 - 3a^4x^2 - a^4x + a^4 - x^4 + 2x^2 - x + a^{-4}x^2 - a^{-4}$

$KBSM(5_{45}) = -a^{10}x^2 + a^6x^4 - 2a^2x^4 + 2a^2x^2 + a^{-2}x^4 - a^{-2}x^2 + a^{-2} - a^{-6}x^2 + a^{-6}$

$KBSM(\overline{5_{45}}) = -a^6x^2 + a^6 + a^2x^4 - a^2x^2 + a^2 - 2a^{-2}x^4 + 2a^{-2}x^2 + a^{-6}x^4 - a^{-10}x^2$

$KBSM(5_{46}) = -x^3 + x + 3a^{-4}x^3 - 2a^{-4}x - a^{-8}x^4 - 3a^{-8}x^3 + 3a^{-8}x^2 + 2a^{-8}x - a^{-8} + a^{-12}x^4 + a^{-12}x^3 - 2a^{-12}x^2 + a^{-12}x - a^{-16}x^2 - a^{-16}x + a^{-16}$

$KBSM(\overline{5_{46}}) = -a^{16}x + 2a^{12}x^3 - a^{12}x - 4a^8x^3 + 4a^8x + a^4x^4 + 2a^4x^3 - 3a^4x^2 + a^4 - x^4 + 2x^2 - x + a^{-4}x^2 - a^{-4}$

$KBSM(5_{47}) = -a^{10}x^2 + 2a^6x^4 - 2a^6x^2 - 3a^2x^4 + 4a^2x^2 - a^2 + 2a^{-2}x^4 - 3a^{-2}x^2 + a^{-2} - a^{-6}x^4 + a^{-6}x^3 + a^{-6}x^2 - 2a^{-6}x + a^{-6} + a^{-10}x^2 - a^{-10}x - a^{-10}$

$KBSM(\overline{5_{47}}) = -a^6x^2 + a^6 + 2a^2x^4 - 3a^2x^2 + a^2 - 3a^{-2}x^4 + 4a^{-2}x^2 - a^{-2} + 2a^{-6}x^4 - 2a^{-6}x^2 - a^{-10}x^4 + a^{-10}x^3 + a^{-10}x^2 - 2a^{-10}x + a^{-14}x^2 - a^{-14}x - a^{-14}$

$KBSM(5_{48}) = a^4x^3 - a^4x - 2x^3 + 2x + a^{-4}x^4 + 2a^{-4}x^3 - 3a^{-4}x^2 - a^{-4}x + a^{-4} - a^{-8}x^4 - a^{-8}x^3 + 2a^{-8}x^2 + a^{-12}x^2 + a^{-12}x - a^{-12}$

$KBSM(\overline{5_{48}}) = a^{12}x - 2a^8x^3 + 2a^8x + 3a^4x^3 - 3a^4x - x^4 - x^3 + 3x^2 - 1 + a^{-4}x^4 - 2a^{-4}x^2 + a^{-4}x - a^{-8}x^2 + a^{-8}$

$KBSM(5_{49}) = a^{14}x^2 - a^{10}x^4 + a^{10}x^2 + a^6x^4 - a^2x^4 + a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$

$KBSM(\overline{5_{49}}) = a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-10}x^4 + a^{-10}x^2 + a^{-14}x^2$

$KBSM(5_{50}) = -a^{-6}x^2 + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + 2a^{-18}x^2 - a^{-22}x^2 + a^{-26}$

$KBSM(\overline{5_{50}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2$

$KBSM(5_{51}) = a^{-4}x - a^{-8}x + a^{-12}x^3 + a^{-12}x - 2a^{-16}x^3 + a^{-16}x + a^{-20}x^3 - a^{-24}x$

$KBSM(\overline{5_{51}}) = -a^{24}x + a^{20}x^3 - 2a^{16}x^3 + a^{16}x + a^{12}x^3 + a^{12}x - a^8x + a^4x$

$KBSM(5_{52}) = -a^{16}x + a^{12}x - a^8x + a^4x^3 - x^3 + x + a^{-4}x$

$KBSM(\overline{5_{52}}) = a^4x - x^3 + x + a^{-4}x^3 - a^{-8}x + a^{-12}x - a^{-16}x$

$KBSM(5_{53}) = a^{-2}x^2 - a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}$

$KBSM(\overline{5_{53}}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + 2a^{10}x^2 - a^{10} - a^6x^4 + a^6x^2 + a^2x^2$

$KBSM(5_{54}) = a^{20}x - a^{16}x^3 + a^{12}x^3 + a^{12}x - a^8x^3 + a^4x^3 - x$

$KBSM(\overline{5_{54}}) = -x + a^{-4}x^3 - a^{-8}x^3 + a^{-12}x^3 + a^{-12}x - a^{-16}x^3 + a^{-20}x$

$KBSM(5_{55}) = -a^{18}x^2 + a^{14}x^4 - a^{10}x^4 - a^{10}x^2 + a^{10} + 2a^6x^2 - a^2x^2 + a^{-2}$

$KBSM(\overline{5_{55}}) = a^2 - a^{-2}x^2 + 2a^{-6}x^2 - a^{-10}x^4 - a^{-10}x^2 + a^{-10} + a^{-14}x^4 - a^{-18}x^2$

$KBSM(5_{56}) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + 2a^6x^2 - a^2x^4 + a^2x^2 - a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}$

$KBSM(\overline{5_{56}}) = -a^6 + 2a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + 2a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2$

$KBSM(5_{57}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-18}x^2 + a^{-18} + a^{-22}$

$KBSM(\overline{5_{57}}) = a^{22} - a^{18}x^2 + a^{18} + a^{14}x^2 - a^{10}x^2 + a^6x^2 - a^2x^2$

$KBSM(5_{58}) = -a^4x + x^3 - a^{-4}x^3 + a^{-8}x^3 - a^{-12}x^3 + a^{-12}x + a^{-16}x$

$KBSM(\overline{5_{58}}) = a^{16}x - a^{12}x^3 + a^{12}x + a^8x^3 - a^4x^3 + x^3 - a^{-4}x$

$KBSM(5_{59}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 + a^{-6}x^2 - a^{-10}x^4 + 2a^{-14}x^2 - a^{-14} - a^{-18}$

$KBSM(\overline{5_{59}}) = -a^{18} + 2a^{14}x^2 - a^{14} - a^{10}x^4 + a^6x^4 + a^6x^2 - a^2x^4 + a^{-2}x^2$

$KBSM(5_{60}) = a^8x - a^4x^3 + 2x^3 - 2a^{-4}x^3 + a^{-4}x + a^{-8}x^3 - a^{-12}x$

$KBSM(\overline{5_{60}}) = -a^{12}x + a^8x^3 - 2a^4x^3 + a^4x + 2x^3 - a^{-4}x^3 + a^{-8}x$

$KBSM(5_{61}) = a^2x^2 - a^{-2}x^4 - a^{-2}x^2 + 2a^{-6}x^4 - a^{-6}x^2 - a^{-10}x^4 - a^{-10}x^2 + 2a^{-14}x^2 - a^{-14} - a^{-18}$

$KBSM(\overline{5_{61}}) = -a^{18} + 2a^{14}x^2 - a^{14} - a^{10}x^4 - a^{10}x^2 + 2a^6x^4 - a^6x^2 - a^2x^4 - a^2x^2 + a^{-2}x^2$

$KBSM(5_{62}) = a^8x - 2a^4x^3 + 5x^3 - 4x - a^{-4}x^4 - 3a^{-4}x^3 + 3a^{-4}x^2 - a^{-4} + a^{-8}x^4 + a^{-8}x^3 - 2a^{-8}x^2 + a^{-8}x - a^{-12}x^2 - a^{-12}x + a^{-12}$

$KBSM(\overline{5_{62}}) = -a^{12}x + 2a^8x^3 - a^8x - 4a^4x^3 + 2a^4x + x^4 + 4x^3 - 3x^2 - 2x + 1 - a^{-4}x^4 - a^{-4}x^3 + 2a^{-4}x^2 - 2a^{-4}x + a^{-8}x^2 + a^{-8}x - a^{-8}$

$KBSM(5_{63}) = -a^6x^2 + a^2x^4 - 2a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^4 + a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{5_{63}}) = a^{14} - 2a^{10}x^2 + a^{10} + a^6x^4 + a^6x^2 - 2a^2x^4 + a^2x^2 + a^{-2}x^4 - a^{-6}x^2$
$KBSM(5_{64}) = a^8x - 2a^4x^3 + a^4x + 4x^3 - 2x - a^{-4}x^4 - 3a^{-4}x^3 + 3a^{-4}x^2 + a^{-4}x - a^{-4} + a^{-8}x^4 + a^{-8}x^3 - 2a^{-8}x^2 + a^{-8}x - a^{-12}x^2 - a^{-12}x + a^{-12}$
$KBSM(\overline{5_{64}}) = -a^{12}x + 2a^8x^3 - a^8x - 4a^4x^3 + 3a^4x + x^4 + 3x^3 - 3x^2 + 1 - a^{-4}x^4 - a^{-4}x^3 + 2a^{-4}x^2 - a^{-4}x + a^{-8}x^2 + a^{-8}x - a^{-8}$
$KBSM(5_{65}) = -a^6x^2 + 2a^2x^4 - a^2x^2 - 4a^{-2}x^4 + 4a^{-2}x^2 - a^{-2} + 3a^{-6}x^4 - 2a^{-6}x^2 - a^{-10}x^4 + a^{-10}x^3 - a^{-10}x^2 - 2a^{-10}x + a^{-10} + a^{-14}x^2 - a^{-14}x$
$KBSM(\overline{5_{65}}) = a^{14} - 3a^{10}x^2 + a^{10} + 3a^6x^4 - 2a^6x^2 - 4a^2x^4 + 4a^2x^2 - a^2 + 2a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^4 + a^{-6}x^3 + a^{-6}x^2 - 2a^{-6}x + a^{-10}x^2 - a^{-10}x - a^{-10}$
$KBSM(5_{66}) = a^{10}x^2 - a^6x^4 + a^6x^2 + a^2x^4 - a^{-2}x^4 + 2a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{5_{66}}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^{-2}x^4 - a^{-6}x^4 + a^{-6}x^2 + a^{-10}x^2$
$KBSM(5_{67}) = -a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - a^{-10}x^2 - a^{-14}x^4 + 2a^{-14}x^2 - a^{-14} + a^{-18}x^2 - a^{-18}$
$KBSM(\overline{5_{67}}) = a^{18}x^2 - a^{18} - a^{14}x^4 + 2a^{14}x^2 - a^{14} + a^{10}x^4 - a^{10}x^2 - a^6x^4 + 2a^6x^2$
$KBSM(5_{68}) = -a^8x^3 + a^8x + 2a^4x^3 - 3a^4x - x^4 + 3x^2 - x - 1 + a^{-4}x^4 - 2a^{-4}x^2 - a^{-8}x^2 + a^{-8}$
$KBSM(\overline{5_{68}}) = a^4x^3 - 2a^4x - x^3 + x + a^{-4}x^4 + a^{-4}x^3 - 3a^{-4}x^2 - a^{-4}x + a^{-4} - a^{-8}x^4 + 2a^{-8}x^2 - a^{-8}x + a^{-12}x^2 - a^{-12}$
$KBSM(5_{69}) = a^{-2}x^4 - 2a^{-2}x^2 - 2a^{-6}x^4 + 4a^{-6}x^2 - a^{-6} + 2a^{-10}x^4 - 4a^{-10}x^2 + a^{-10} - a^{-14}x^4 + a^{-14}x^3 + a^{-14}x^2 - 2a^{-14}x + a^{-14} + a^{-18}x^2 - a^{-18}x - a^{-18}$
$KBSM(\overline{5_{69}}) = -a^{14}x^2 + a^{14} + 2a^{10}x^4 - 4a^{10}x^2 + a^{10} - 2a^6x^4 + 4a^6x^2 - a^6 + a^2x^4 - 2a^2x^2 - a^{-2}x^4 + a^{-2}x^3 + 2a^{-2}x^2 - 2a^{-2}x + a^{-6}x^2 - a^{-6}x - a^{-6}$
$KBSM(5_{70}) = a^{12}x^3 - a^{12}x - 2a^8x^3 + 2a^8x + a^4x^4 + a^4x^3 - 3a^4x^2 + a^4 - x^4 + 2x^2 + a^{-4}x^2 - a^{-4}$
$KBSM(\overline{5_{70}}) = -x^3 + 2x + 2a^{-4}x^3 - 2a^{-4}x - a^{-8}x^4 - a^{-8}x^3 + 3a^{-8}x^2 - a^{-8} + a^{-12}x^4 - 2a^{-12}x^2 + a^{-12}x - a^{-16}x^2 + a^{-16}$
$KBSM(5_{71}) = a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2 - a^2 + a^{-2}x^2 - a^{-2} - a^{-6}$
$KBSM(\overline{5_{71}}) = -a^6 + a^2x^2 - a^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 3a^{-10}x^2 + a^{-10}$
$KBSM(5_{72}) = a^{-8}x^3 - a^{-8}x - a^{-12}x^4 - a^{-12}x^3 + 3a^{-12}x^2 + a^{-12}x - a^{-12} + a^{-16}x^4 - 2a^{-16}x^2 + a^{-16}x - a^{-20}x^2 + a^{-20}$
$KBSM(\overline{5_{72}}) = a^{16}x^3 - a^{16}x - 2a^{12}x^3 + 3a^{12}x + a^8x^4 - 3a^8x^2 + a^8x + a^8 - a^4x^4 + a^4x^3 + 2a^4x^2 - 2a^4x + x^2 - 1$
$KBSM(5_{73}) = a^6x^4 - 2a^6x^2 + a^6 - a^2x^4 + a^2x^2 + a^{-2}x^4 - 2a^{-2}x^2 - a^{-6}x^4 + a^{-6}x^3 + 2a^{-6}x^2 - 2a^{-6}x + a^{-10}x^2 - a^{-10}x - a^{-10}$
$KBSM(\overline{5_{73}}) = a^2x^4 - 2a^2x^2 - a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^4 - 2a^{-6}x^2 + a^{-6} - a^{-10}x^4 + a^{-10}x^3 + 2a^{-10}x^2 - 2a^{-10}x + a^{-14}x^2 - a^{-14}x - a^{-14}$
$KBSM(5_{74}) = -a^{-10}x^4 + 3a^{-10}x^2 - a^{-10} + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{5_{74}}) = -a^{22} + a^{18}x^2 - a^{10}x^4 + 3a^{10}x^2 - a^{10}$
$KBSM(5_{75}) = a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2 + a^{-2}$
$KBSM(\overline{5_{75}}) = a^2 - a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 3a^{-10}x^2 + a^{-10}$
$KBSM(5_{76}) = a^4x^3 - 2a^4x - x^3 + x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(\overline{5_{76}}) = a^4x^3 - 2a^4x - x^3 + x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(5_{77}) = -a^6x^2 + a^6 + 2a^2x^2 - a^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2 - a^{-10}$
$KBSM(\overline{5_{77}}) = -a^{10} + a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(5_{78}) = a^4x^3 - 2a^4x - x^3 + 2x + a^{-8}x$
$KBSM(\overline{5_{78}}) = a^8x - x^3 + 2x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(5_{79}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - a^{-14}x^4 + a^{-14}x^2 + a^{-18}x^4 - a^{-18}x^2 + a^{-18} - a^{-22}x^2$
$KBSM(\overline{5_{79}}) = -a^{22}x^2 + a^{18}x^4 - a^{18}x^2 + a^{18} - a^{14}x^4 + a^{14}x^2 + a^{10}x^2 - a^6x^2 + a^6$
$KBSM(5_{80}) = a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^2$
$KBSM(\overline{5_{80}}) = a^2x^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(5_{81}) = -a^{-10}x^4 + 3a^{-10}x^2 - a^{-10} - a^{-14} + 2a^{-18}x^2 - a^{-18} - a^{-22}x^2 + a^{-26}$
$KBSM(\overline{5_{81}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - a^{18} - a^{14} - a^{10}x^4 + 3a^{10}x^2 - a^{10}$
$KBSM(5_{82}) = -a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^4 - a^{-10} - a^{-14}x^4 + a^{-14}x^2 + a^{-18}x^2$

$KBSM(\overline{5_{82}}) = a^{18}x^2 - a^{14}x^4 + a^{14}x^2 + a^{10}x^4 - a^{10} - a^6x^4 + 2a^6x^2 - a^6$
$KBSM(5_{83}) = -a^4x^3 + a^4x + 2x^3 - x - a^{-4}x^4 - a^{-4}x^3 + 3a^{-4}x^2 - a^{-4} + a^{-8}x^4 - 2a^{-8}x^2 + a^{-8}x - a^{-12}x^2 + a^{-12}$
$KBSM(\overline{5_{83}}) = a^8x^3 - a^8x - 2a^4x^3 + 2a^4x + x^4 + x^3 - 3x^2 + x + 1 - a^{-4}x^4 + 2a^{-4}x^2 - a^{-4}x + a^{-8}x^2 - a^{-8}$
$KBSM(5_{84}) = a^{-2}x^4 - 2a^{-2}x^2 + a^{-2} - 2a^{-6}x^4 + 3a^{-6}x^2 + 2a^{-10}x^4 - 3a^{-10}x^2 - a^{-14}x^4 + a^{-14}x^3 + a^{-14}x^2 - 2a^{-14}x + a^{-18}x^2 - a^{-18}x - a^{-18}$
$KBSM(\overline{5_{84}}) = -a^{14}x^2 + 2a^{10}x^4 - 3a^{10}x^2 - 2a^6x^4 + 3a^6x^2 + a^2x^4 - 2a^2x^2 + a^2 - a^{-2}x^4 + a^{-2}x^3 + 2a^{-2}x^2 - 2a^{-2}x + a^{-6}x^2 - a^{-6}x - a^{-6}$
$KBSM(5_{85}) = a^{-14}x^4 - 3a^{-14}x^2 + a^{-14} - a^{-18}x^4 + a^{-18}x^3 + 2a^{-18}x^2 - 2a^{-18}x + a^{-22}x^2 - a^{-22}x - a^{-22}$
$KBSM(\overline{5_{85}}) = a^{14}x^4 - 3a^{14}x^2 + a^{14} - a^2x^4 + a^2x^3 + 2a^2x^2 - 2a^2x + a^{-2}x^2 - a^{-2}x - a^{-2}$
$KBSM(5_{86}) = a^{14} - a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-2} - a^{-6}$
$KBSM(\overline{5_{86}}) = -a^6 + a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 + a^{-14}$
$KBSM(5_{87}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18} + a^{-26}$
$KBSM(\overline{5_{87}}) = a^{26} + a^{18} - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2 + a^6$
$KBSM(5_{88}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + a^{-18}x^2 - a^{-22} + a^{-26}$
$KBSM(\overline{5_{88}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2 + a^6$
$KBSM(5_{89}) = -a^{-6}x^2 + 2a^{-10}x^2 - 2a^{-10} - 2a^{-14}x^2 + a^{-18}x^2 - a^{-22} + a^{-26}$
$KBSM(\overline{5_{89}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + 2a^{10}x^2 - 2a^{10} - a^6x^2$
$KBSM(5_{90}) = -a^{-2} + a^{-6} - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}x^2 + a^{-22}x^2 - a^{-22}$
$KBSM(\overline{5_{90}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6 - a^2$
$KBSM(5_{91}) = -a^{-2} - a^{-10} - a^{-18}x^2 + a^{-18} + a^{-22}x^2 - a^{-22}$
$KBSM(\overline{5_{91}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{18} - a^{10} - a^2$
$KBSM(5_{92}) = a^{-4}x - 2a^{-8}x + a^{-12}x^3 + a^{-12}x - a^{-16}x^3 + 2a^{-20}x - a^{-24}x$
$KBSM(\overline{5_{92}}) = -a^{24}x + 2a^{20}x - a^{16}x^3 + a^{12}x^3 + a^{12}x - 2a^8x + a^4x$
$KBSM(5_{93}) = -a^{-10}x^2 + a^{-10} + a^{-30}$
$KBSM(\overline{5_{93}}) = a^{30} - a^{10}x^2 + a^{10}$
$KBSM(5_{94}) = -a^{-6} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}x^2 + a^{-26}x^2 - a^{-26}$
$KBSM(\overline{5_{94}}) = a^{26}x^2 - a^{26} - a^{22}x^2 + a^{18}x^2 - a^{14}x^2 - a^6$
$KBSM(5_{95}) = -a^{-6} - a^{-14}x^2 - a^{-14} + 2a^{-18}x^2 - a^{-18} - 2a^{-22}x^2 + a^{-22} + a^{-26}x^2$
$KBSM(\overline{5_{95}}) = a^{26}x^2 - 2a^{22}x^2 + a^{22} + 2a^{18}x^2 - a^{18} - a^{14}x^2 - a^{14} - a^6$

2.14 Knots in $L(10,1)$

$KBSM(0_1) = x$
$KBSM(1_1) = -a^{-2}x^2 + a^{-2} + a^{-6}$
$KBSM(\overline{1_1}) = a^6 - a^2x^2 + a^2$
$KBSM(2_1) = -a^{-2}x^2 + a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{2_1}) = -a^{10} + a^6x^2 - a^6 - a^2x^2$
$KBSM(*2_2) = -a^4x + x^3 - x - a^{-4}x$
$KBSM(2_3) = a^{-4}x^3 - 2a^{-4}x - a^{-8}x$
$KBSM(\overline{2_3}) = -a^8x + a^4x^3 - 2a^4x$
$KBSM(3_1) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-8}x + a^{-12}x$
$KBSM(\overline{3_1}) = a^{12}x - a^8x^3 + a^8x + a^4x^3 - a^4x$
$KBSM(3_2) = a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$
$KBSM(\overline{3_2}) = a^2x^2 - a^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2$
$KBSM(3_3) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{3_3}) = a^{14} - a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2$
$KBSM(3_4) = -a^4x + x^3 - a^{-4}x^3 + a^{-4}x + a^{-8}x$
$KBSM(\overline{3_4}) = a^8x - a^4x^3 + a^4x + x^3 - a^{-4}x$

$KBSM(3_5) = a^2x^2 - a^{-2}x^4 + a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{3_5}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^2x^2 + a^{-2}x^2$
$KBSM(3_6) = -a^{-6}x^4 + 3a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10}$
$KBSM(\overline{3_6}) = a^{10}x^2 - a^{10} - a^6x^4 + 3a^6x^2 - a^6$
$KBSM(3_7) = -a^{-6}x^2 + a^{-6} + a^{-18}$
$KBSM(\overline{3_7}) = a^{18} - a^6x^2 + a^6$
$KBSM(3_8) = -a^{-2} - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(\overline{3_8}) = a^{14}x^2 - a^{14} - a^{10}x^2 - a^2$
$KBSM(4_1) = -a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 2a^{-10}x^2 + a^{-10} - a^{-14}x^2 + a^{-14}$
$KBSM(\overline{4_1}) = -a^{14}x^2 + a^{14} + a^{10}x^4 - 2a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2$
$KBSM(4_2) = -a^8x^3 + a^8x + a^4x^5 - 3a^4x^3 + 2a^4x - x^3 + 2x$
$KBSM(\overline{4_2}) = -x^3 + 2x + a^{-4}x^5 - 3a^{-4}x^3 + 2a^{-4}x - a^{-8}x^3 + a^{-8}x$
$KBSM(4_3) = a^{-4}x^3 - 2a^{-8}x^3 + 2a^{-8}x + a^{-12}x^3 - a^{-16}x$
$KBSM(\overline{4_3}) = -a^{16}x + a^{12}x^3 - 2a^8x^3 + 2a^8x + a^4x^3$
$KBSM(4_4) = a^2x^2 - a^{-2}x^4 + a^{-2} + a^{-6}x^4 - a^{-6}x^2 + a^{-6} - a^{-10}x^2$
$KBSM(\overline{4_4}) = -a^{10}x^2 + a^6x^4 - a^6x^2 + a^6 - a^2x^4 + a^2 + a^{-2}x^2$
$KBSM(4_5) = -a^4x^3 + x^5 - 2x^3 + 2x - 2a^{-4}x^3 + 2a^{-4}x + a^{-8}x$
$KBSM(\overline{4_5}) = a^8x - 2a^4x^3 + 2a^4x + x^5 - 2x^3 + 2x - a^{-4}x^3$
$KBSM(4_6) = -a^{-6}x^2 + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{4_6}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2$
$KBSM(4_7) = a^{-4}x - a^{-8}x + a^{-12}x^3 - a^{-16}x^3 + a^{-20}x$
$KBSM(\overline{4_7}) = a^{20}x - a^{16}x^3 + a^{12}x^3 - a^8x + a^4x$
$KBSM(4_8) = -a^{16}x + a^{12}x - a^8x + a^4x^3 - a^4x - x$
$KBSM(\overline{4_8}) = -x + a^{-4}x^3 - a^{-4}x - a^{-8}x + a^{-12}x - a^{-16}x$
$KBSM(4_9) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2 + a^{-2}$
$KBSM(\overline{4_9}) = a^2 - a^{-2}x^2 + a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2$
$KBSM(4_{10}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{4_{10}}) = -a^{18} + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^2$
$KBSM(4_{11}) = -a^4x + x^3 - a^{-4}x^3 + a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(\overline{4_{11}}) = -a^{12}x + a^8x^3 - a^8x - a^4x^3 + x^3 - a^{-4}x$
$KBSM(4_{12}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 - 2a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{4_{12}}) = a^{14} - 2a^{10}x^2 + a^{10} + a^6x^4 - a^2x^4 + a^{-2}x^2$
$KBSM(*4_{13}) = a^8x - a^4x^3 + 2x^3 - x - a^{-4}x^3 + a^{-8}x$
$KBSM(*4_{14}) = a^8x - 2a^4x^3 + a^4x + x^5 - x^3 + x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x$
$KBSM(4_{15}) = -a^6x^2 + a^2x^4 - a^2x^2 - a^{-2}x^4 + 2a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{4_{15}}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^2$
$KBSM(4_{16}) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-12}x^3 - a^{-12}x - a^{-16}x$
$KBSM(\overline{4_{16}}) = -a^{16}x + a^{12}x^3 - a^{12}x - a^8x^3 + a^4x^3 - a^4x$
$KBSM(4_{17}) = a^6x^2 - a^2x^4 + a^2x^2 + a^{-2}x^4 - 2a^{-2}x^2 + a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(\overline{4_{17}}) = -a^6x^2 + a^6 + a^2x^4 - 2a^2x^2 + a^2 - a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^2$
$KBSM(4_{18}) = -x^3 + x + a^{-4}x^5 - 2a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + 2a^{-8}x + a^{-12}x$
$KBSM(\overline{4_{18}}) = a^{12}x - 2a^8x^3 + 2a^8x + a^4x^5 - 2a^4x^3 + a^4x - x^3 + x$
$KBSM(4_{19}) = -a^{10}x^2 + a^6x^4 - a^6x^2 - a^2x^4 + a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$
$KBSM(\overline{4_{19}}) = a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-6}x^2 - a^{-10}x^2$
$KBSM(4_{20}) = -a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^4 - a^{-10}x^2 - a^{-10} - a^{-14}x^2$
$KBSM(\overline{4_{20}}) = -a^{14}x^2 + a^{10}x^4 - a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6$
$KBSM(*4_{21}) = -a^4x^3 + a^4x + x^5 - 3x^3 + 3x - a^{-4}x^3 + a^{-4}x$
$KBSM(4_{22}) = a^{-8}x^3 - 2a^{-8}x - a^{-16}x$
$KBSM(\overline{4_{22}}) = -a^{16}x + a^8x^3 - 2a^8x$
$KBSM(4_{23}) = -a^{12}x^3 + 2a^{12}x + a^8x^3 - a^8x$

$KBSM(\overline{4_{23}}) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(4_{24}) = a^{-8}x^5 - 4a^{-8}x^3 + 3a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(\overline{4_{24}}) = -a^{12}x^3 + 2a^{12}x + a^8x^5 - 4a^8x^3 + 3a^8x$
$KBSM(4_{25}) = -a^6x^2 + a^6 + a^2x^2 - a^2 - a^{-2} - a^{-10}$
$KBSM(\overline{4_{25}}) = -a^{10} - a^2 + a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(4_{26}) = -a^6x^2 + a^6 + a^2x^2 - a^{-2}x^2 + a^{-2} + a^{-6} - a^{-10}$
$KBSM(\overline{4_{26}}) = -a^{10} + a^6 - a^2x^2 + a^2 + a^{-2}x^2 - a^{-6}x^2 + a^{-6}$
$KBSM(*4_{27}) = a^8x - 2a^4x + x^3 - x - 2a^{-4}x + a^{-8}x$
$KBSM(5_1) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(\overline{5_1}) = -a^{12}x^3 + 2a^{12}x + a^8x^3 - a^8x$
$KBSM(5_2) = a^{-6} - a^{-10}x^4 + a^{-10}x^2 + a^{-14}x^4 - a^{-14}x^2 - a^{-18}x^2 + a^{-18}$
$KBSM(\overline{5_2}) = -a^{18}x^2 + a^{18} + a^{14}x^4 - a^{14}x^2 - a^{10}x^4 + a^{10}x^2 + a^6$
$KBSM(5_3) = -a^{12}x^3 + a^{12}x + 2a^8x^3 - 2a^8x - a^4x^3 + a^4x + x$
$KBSM(\overline{5_3}) = x - a^{-4}x^3 + a^{-4}x + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x^3 + a^{-12}x$
$KBSM(5_4) = a^{14}x^2 - a^{14} - a^6x^4 + 2a^6x^2 + a^2x^2 - a^2$
$KBSM(\overline{5_4}) = a^{-2}x^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(5_5) = a^{-8}x^5 - 3a^{-8}x^3 + a^{-8}x - a^{-12}x^5 + 3a^{-12}x^3 - 2a^{-12}x + a^{-16}x^3 - 2a^{-16}x$
$KBSM(\overline{5_5}) = a^{16}x^3 - 2a^{16}x - a^{12}x^5 + 3a^{12}x^3 - 2a^{12}x + a^8x^5 - 3a^8x^3 + a^8x$
$KBSM(5_6) = a^{10}x^4 - 2a^{10}x^2 - a^6x^4 + 2a^6x^2 - a^4x^4 + 3a^4x^2 - a^4 + x^2 - 1$
$KBSM(\overline{5_6}) = a^{-2}x^4 - 3a^{-2}x^2 + a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 - a^{-8}x^4 + 3a^{-8}x^2 - a^{-8} + a^{-10}x^2 - a^{-10} + a^{-12}x^2 - a^{-12}$
$KBSM(5_7) = -a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^4 - 3a^{-10}x^2 - a^{-14}x^4 + a^{-14}x^2 - a^{-14} + a^{-18}x^2 - a^{-18}$
$KBSM(\overline{5_7}) = a^{18}x^2 - a^{18} - a^{14}x^4 + a^{14}x^2 - a^{14} + 2a^{10}x^4 - 3a^{10}x^2 - a^6x^4 + a^6x^2$
$KBSM(5_8) = -x^3 + x + a^{-4}x^5 - a^{-4}x^3 - a^{-4}x - a^{-8}x^5 + 2a^{-8}x^3 - 2a^{-8}x + a^{-12}x^3 - a^{-12}x$
$KBSM(\overline{5_8}) = a^{12}x^3 - a^{12}x - a^8x^5 + 2a^8x^3 - 2a^8x + a^4x^5 - a^4x^3 - a^4x - x^3 + x$
$KBSM(5_9) = a^6x^4 - a^6x^2 - 2a^2x^4 + 3a^2x^2 - a^2 - x^4 + 3x^2 - 1 + a^{-2}x^4 - a^{-2}x^2 + a^{-4}x^2 - a^{-4} - a^{-6}x^2 + a^{-6}$
$KBSM(\overline{5_9}) = -a^6x^2 + a^6 + 2a^2x^4 - 4a^2x^2 + a^2 - 2a^{-2}x^4 + 3a^{-2}x^2 - a^{-2} - a^{-4}x^4 + 3a^{-4}x^2 - a^{-4} + 2a^{-6}x^2 - a^{-6} + a^{-8}x^2 - a^{-8}$
$KBSM(5_{10}) = a^{-4}x^3 - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x^3 + a^{-20}x$
$KBSM(\overline{5_{10}}) = a^{20}x - a^{16}x^3 + 2a^{12}x^3 - a^{12}x - 2a^8x^3 + a^8x + a^4x^3$
$KBSM(5_{11}) = a^2x^2 - a^{-2}x^4 - a^{-2}x^2 + a^{-2} + 2a^{-6}x^4 - 2a^{-6}x^2 + a^{-6} - a^{-10}x^4 + a^{-14}x^2$
$KBSM(\overline{5_{11}}) = a^{14}x^2 - a^{10}x^4 + 2a^6x^4 - 2a^6x^2 + a^6 - a^2x^4 - a^2x^2 + a^2 + a^{-2}x^2$
$KBSM(5_{12}) = -x^3 + a^{-4}x^5 - a^{-4}x - a^{-8}x^5 + 2a^{-12}x^3 - a^{-12}x - a^{-16}x$
$KBSM(\overline{5_{12}}) = -a^{16}x + 2a^{12}x^3 - a^{12}x - a^8x^5 + a^4x^5 - a^4x - x^3$
$KBSM(5_{13}) = -a^6x^2 + a^2x^4 - a^2 - 2a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-10}x^2$
$KBSM(\overline{5_{13}}) = -a^{10}x^2 + a^6x^4 - 2a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^4 - a^{-2} - a^{-6}x^2$
$KBSM(5_{14}) = -a^4x^3 + x^5 - x^3 + x - a^{-4}x^5 + a^{-4}x^3 - a^{-4}x + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x$
$KBSM(\overline{5_{14}}) = -a^{12}x + 2a^8x^3 - 2a^8x - a^4x^5 + a^4x^3 - a^4x + x^5 - x^3 + x - a^{-4}x^3$
$KBSM(5_{15}) = -a^{10}x^2 + 2a^6x^4 - 2a^6x^2 + a^6 - 3a^2x^4 + 3a^2x^2 - x^4 + 3x^2 - 1 + a^{-2}x^4 + a^{-2}x^2 - a^{-2} + a^{-4}x^2 - a^{-4} - a^{-6}x^2$
$KBSM(\overline{5_{15}}) = -a^6x^2 + 2a^2x^4 - 2a^2x^2 - 3a^{-2}x^4 + 3a^{-2}x^2 - a^{-4}x^4 + 3a^{-4}x^2 - a^{-4} + a^{-6}x^4 + a^{-6}x^2 + a^{-8}x^2 - a^{-8} - a^{-10}x^2$
$KBSM(5_{16}) = a^8x^3 - a^4x^5 + a^4x^3 - a^4x + x^5 - 2a^{-4}x^3 + a^{-4}x + a^{-8}x$
$KBSM(\overline{5_{16}}) = a^8x - 2a^4x^3 + a^4x + x^5 - a^{-4}x^5 + a^{-4}x^3 - a^{-4}x + a^{-8}x^3$
$KBSM(5_{17}) = a^{14}x^2 - a^{10}x^4 + a^{10}x^2 - a^{10} + a^6x^4 + a^6x^2 - a^6 - a^2x^4 + a^{-2}x^2$
$KBSM(\overline{5_{17}}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 + a^{-6}x^2 - a^{-6} - a^{-10}x^4 + a^{-10}x^2 - a^{-10} + a^{-14}x^2$
$KBSM(5_{18}) = -a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^4 - 3a^{-10}x^2 + a^{-10} - a^{-14}x^4 + a^{-14} + a^{-18}x^2$
$KBSM(\overline{5_{18}}) = a^{18}x^2 - a^{14}x^4 + a^{14} + 2a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + a^6x^2$
$KBSM(5_{19}) = -a^4x^3 + x^5 - x^3 - a^{-4}x^5 + 2a^{-4}x^3 - 2a^{-4}x + a^{-8}x^3 - a^{-8}x$
$KBSM(\overline{5_{19}}) = a^8x^3 - a^8x - a^4x^5 + 2a^4x^3 - 2a^4x + x^5 - x^3 - a^{-4}x^3$

$KBSM(5_{20}) = a^2x^4 - a^2x^2 - 2a^{-2}x^4 + 2a^{-2}x^2 - a^{-4}x^4 + 3a^{-4}x^2 - a^{-4} + a^{-6}x^4 + a^{-8}x^2 - a^{-8} - a^{-10}x^2$

$KBSM(\overline{5_{20}}) = -a^{10}x^2 + 2a^6x^4 - 3a^6x^2 + a^6 - 2a^2x^4 + 2a^2x^2 - x^4 + 3x^2 - 1 + 2a^{-2}x^2 - a^{-2} + a^{-4}x^2 - a^{-4}$

$KBSM(5_{21}) = a^{12}x^3 - a^8x^5 + a^8x^3 + a^4x^5 - a^4x^3 - x^3 + x$

$KBSM(\overline{5_{21}}) = -x^3 + x + a^{-4}x^5 - a^{-4}x^3 - a^{-8}x^5 + a^{-8}x^3 + a^{-12}x^3$

$KBSM(5_{22}) = -a^6x^2 + a^2x^4 - a^2x^2 - a^{-2}x^4 + a^{-2} + a^{-6}x^2 + a^{-6}$

$KBSM(\overline{5_{22}}) = a^6x^2 + a^6 - a^2x^4 + a^2 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^2$

$KBSM(5_{23}) = -a^{12}x + a^8x^3 - a^8x - a^4x^3 + a^4x + 2x$

$KBSM(\overline{5_{23}}) = 2x - a^{-4}x^3 + a^{-4}x + a^{-8}x^3 - a^{-8}x - a^{-12}x$

$KBSM(5_{24}) = -a^{-6}x^4 + 3a^{-6}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}$

$KBSM(\overline{5_{24}}) = -a^{18} + a^{14}x^2 - a^{14} - a^6x^4 + 3a^6x^2$

$KBSM(5_{25}) = -a^{-6}x^2 + 2a^{-10}x^2 - a^{-14}x^4 - a^{-14}x^2 + a^{-14} + a^{-18}x^4 + a^{-18}x^2 - 2a^{-22}x^2 + a^{-26}$

$KBSM(\overline{5_{25}}) = a^{26} - 2a^{22}x^2 + a^{18}x^4 + a^{18}x^2 - a^{14}x^4 - a^{14}x^2 + a^{14} + 2a^{10}x^2 - a^6x^2$

$KBSM(5_{26}) = -x + a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-16}x^3 - a^{-16}x + a^{-20}x$

$KBSM(\overline{5_{26}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - 2a^8x^3 + a^8x + a^4x^3 + a^4x - x$

$KBSM(5_{27}) = -x + a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-16}x^3 - a^{-16}x + a^{-20}x$

$KBSM(\overline{5_{27}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - 2a^8x^3 + a^8x + a^4x^3 + a^4x - x$

$KBSM(5_{28}) = a^{14}x^2 - 2a^{10}x^2 + 3a^6x^2 - a^6 - a^2x^4 + 2a^{-2}x^2 - a^{-6}$

$KBSM(\overline{5_{28}}) = -a^6 + 2a^2x^2 - a^{-2}x^4 + 3a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^2$

$KBSM(5_{29}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 - a^{-10} + a^{-14}$

$KBSM(\overline{5_{29}}) = a^{14} - a^{10}x^2 - a^{10} + 2a^6x^2 - a^6 - 2a^2x^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$

$KBSM(5_{30}) = a^8x - a^4x + 2x - a^{-4}x^3 + a^{-8}x^3 - a^{-12}x$

$KBSM(\overline{5_{30}}) = -a^{12}x + a^8x^3 - a^4x^3 + 2x - a^{-4}x + a^{-8}x$

$KBSM(5_{31}) = a^8x - 2a^4x + x^3 + x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x^3 + a^{-8}x - a^{-12}x$

$KBSM(\overline{5_{31}}) = -a^{12}x + a^8x^3 + a^8x - 2a^4x^3 + a^4x + x^3 + x - 2a^{-4}x + a^{-8}x$

$KBSM(5_{32}) = a^8x - 2a^4x + x^3 - a^{-4}x^3 - a^{-4}x + a^{-8}x^3 - a^{-12}x$

$KBSM(\overline{5_{32}}) = -a^{12}x + a^8x^3 - a^4x^3 - a^4x + x^3 - 2a^{-4}x + a^{-8}x$

$KBSM(5_{33}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + a^{-2} + a^{-6}x^2 + a^{-6} - a^{-10}x^2 + a^{-14}$

$KBSM(\overline{5_{33}}) = a^{14} - a^{10}x^2 + a^6x^2 + a^6 - 2a^2x^2 + a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$

$KBSM(5_{34}) = -a^6x^2 + 3a^2x^2 - a^2 - a^{-2}x^4 + 3a^{-6}x^2 - a^{-6} - a^{-10}x^2 - a^{-10} + a^{-14}$

$KBSM(\overline{5_{34}}) = a^{14} - a^{10}x^2 - a^{10} + 3a^6x^2 - a^6 - a^2x^4 + 3a^{-2}x^2 - a^{-2} - a^{-6}x^2$

$KBSM(5_{35}) = -a^{-6}x^2 + 2a^{-10}x^2 - a^{-10} - a^{-14}x^4 - a^{-14} + a^{-18}x^4 + a^{-18}x^2 - a^{-18} - 2a^{-22}x^2 + a^{-26}$

$KBSM(\overline{5_{35}}) = a^{26} - 2a^{22}x^2 + a^{18}x^4 + a^{18}x^2 - a^{18} - a^{14}x^4 - a^{14} + 2a^{10}x^2 - a^{10} - a^6x^2$

$KBSM(5_{36}) = -x + a^{-4}x^3 - a^{-8}x^3 - a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x^3 - a^{-16}x + a^{-20}x$

$KBSM(\overline{5_{36}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - a^{12}x - a^8x^3 - a^8x + a^4x^3 - x$

$KBSM(5_{37}) = a^{14}x^2 - 2a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-6}$

$KBSM(\overline{5_{37}}) = -a^6 + a^2x^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^2$

$KBSM(5_{38}) = -a^{-2} + a^{-6}x^2 - a^{-6} - a^{-10}x^4 + a^{-10}x^2 - a^{-10} + a^{-14}x^4 - a^{-14}x^2 - a^{-18}x^2 + a^{-18}$

$KBSM(\overline{5_{38}}) = -a^{18}x^2 + a^{18} + a^{14}x^4 - a^{14}x^2 - a^{10}x^4 + a^{10}x^2 - a^{10} + a^6x^2 - a^6 - a^2$

$KBSM(5_{39}) = -a^{12}x^3 + a^{12}x + 2a^8x^3 - 2a^8x - a^4x^3 + x^3 - x - a^{-4}x$

$KBSM(\overline{5_{39}}) = -a^4x + x^3 - x - a^{-4}x^3 + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x^3 + a^{-12}x$

$KBSM(5_{40}) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + a^{-12}x + a^{-16}x^3 - a^{-16}x - a^{-20}x^3 + a^{-20}x + a^{-24}x$

$KBSM(\overline{5_{40}}) = a^{24}x - a^{20}x^3 + a^{20}x + a^{16}x^3 - a^{16}x - a^{12}x^3 + a^{12}x + a^8x^3 - a^8x$

$KBSM(5_{41}) = a^{18} + a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6 + a^2x^2 - a^2$

$KBSM(\overline{5_{41}}) = a^{-2}x^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10} + a^{-18}$

$KBSM(5_{42}) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-12}x^3 - a^{-16}x^3 + a^{-16}x + a^{-20}x$

$KBSM(\overline{5_{42}}) = a^{20}x - a^{16}x^3 + a^{16}x + a^{12}x^3 - a^8x^3 + a^4x^3 - a^4x$

$KBSM(5_{43}) = a^6x^2 - a^2x^4 + a^2x^2 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10}$

$KBSM(\overline{5_{43}}) = a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6 + a^2x^4 - a^2x^2 - a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^2$

$KBSM(5_{44}) = -x^3 + x + a^{-4}x^5 - a^{-4}x^3 - a^{-8}x^5 + a^{-8}x^3 - a^{-8}x + 2a^{-12}x^3 - 2a^{-12}x - a^{-16}x$

$KBSM(\overline{5_{44}}) = -a^{16}x + 2a^{12}x^3 - 2a^{12}x - a^8x^5 + a^8x^3 - a^8x + a^4x^5 - a^4x^3 - x^3 + x$

$KBSM(5_{45}) = -a^{10}x^2 + a^6x^4 - 2a^2x^4 + 2a^2x^2 + a^{-2}x^4 - a^{-2}x^2 + a^{-2} - a^{-6}x^2 + a^{-6}$

$KBSM(\overline{5_{45}}) = -a^6x^2 + a^6 + a^2x^4 - a^2x^2 + a^2 - 2a^{-2}x^4 + 2a^{-2}x^2 + a^{-6}x^4 - a^{-10}x^2$

$KBSM(5_{46}) = -x^3 + x + a^{-4}x^5 - a^{-4}x^3 + a^{-4}x - a^{-8}x^5 + a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x$

$KBSM(\overline{5_{46}}) = -a^{16}x + 2a^{12}x^3 - a^{12}x - a^8x^5 + a^8x + a^4x^5 - a^4x^3 + a^4x - x^3 + x$

$KBSM(5_{47}) = -a^{10}x^2 + 2a^6x^4 - 2a^6x^2 - 3a^2x^4 + 4a^2x^2 - a^2 - x^4 + 3x^2 - 1 + a^{-2}x^4 + a^{-4}x^2 - a^{-4} - a^{-6}x^2 + a^{-6}$

$KBSM(\overline{5_{47}}) = -a^6x^2 + a^6 + 2a^2x^4 - 3a^2x^2 + a^2 - 3a^{-2}x^4 + 4a^{-2}x^2 - a^{-2} - a^{-4}x^4 + 3a^{-4}x^2 - a^{-4} + a^{-6}x^4 + a^{-6}x^2 - a^{-6} + a^{-8}x^2 - a^{-8} - a^{-10}x^2$

$KBSM(5_{48}) = a^4x^3 - a^4x - x^5 + 2x^3 - x + a^{-4}x^5 - a^{-4}x^3 - 2a^{-8}x^3 + 2a^{-8}x + a^{-12}x$

$KBSM(\overline{5_{48}}) = a^{12}x - 2a^8x^3 + 2a^8x + a^4x^5 - a^4x^3 - x^5 + 2x^3 - x + a^{-4}x^3 - a^{-4}x$

$KBSM(5_{49}) = a^{14}x^2 - a^{10}x^4 + a^{10}x^2 + a^6x^4 - a^2x^4 + a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$

$KBSM(\overline{5_{49}}) = a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-10}x^4 + a^{-10}x^2 + a^{-14}x^2$

$KBSM(5_{50}) = -a^{-6}x^2 + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + 2a^{-18}x^2 - a^{-22}x^2 + a^{-26}$

$KBSM(\overline{5_{50}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2$

$KBSM(5_{51}) = a^{-4}x - a^{-8}x + a^{-12}x^3 + a^{-12}x - 2a^{-16}x^3 + a^{-16}x + a^{-20}x^3 - a^{-24}x$

$KBSM(\overline{5_{51}}) = -a^{24}x + a^{20}x^3 - 2a^{16}x^3 + a^{16}x + a^{12}x^3 + a^{12}x - a^8x + a^4x$

$KBSM(5_{52}) = -a^{16}x + a^{12}x - a^8x + a^4x^3 - x^3 + x + a^{-4}x$

$KBSM(\overline{5_{52}}) = a^4x - x^3 + x + a^{-4}x^3 - a^{-8}x + a^{-12}x - a^{-16}x$

$KBSM(5_{53}) = a^{-2}x^2 - a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}$

$KBSM(\overline{5_{53}}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + 2a^{10}x^2 - a^{10} - a^6x^4 + a^6x^2 + a^2x^2$

$KBSM(5_{54}) = a^{20}x - a^{16}x^3 + a^{12}x^3 + a^{12}x - a^8x^3 + a^4x^3 - x$

$KBSM(\overline{5_{54}}) = -x + a^{-4}x^3 - a^{-8}x^3 + a^{-12}x^3 + a^{-12}x - a^{-16}x^3 + a^{-20}x$

$KBSM(5_{55}) = -a^{18}x^2 + a^{14}x^4 - a^{10}x^4 - a^{10}x^2 + a^{10} + 2a^6x^2 - a^2x^2 + a^{-2}$

$KBSM(\overline{5_{55}}) = a^2 - a^{-2}x^2 + 2a^{-6}x^2 - a^{-10}x^4 - a^{-10}x^2 + a^{-10} + a^{-14}x^4 - a^{-18}x^2$

$KBSM(5_{56}) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + 2a^6x^2 - a^2x^4 + a^2x^2 - a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}$

$KBSM(\overline{5_{56}}) = -a^6 + 2a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + 2a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2$

$KBSM(5_{57}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-18}x^2 + a^{-18} + a^{-22}$

$KBSM(\overline{5_{57}}) = a^{22} - a^{18}x^2 + a^{18} + a^{14}x^2 - a^{10}x^2 + a^6x^2 - a^2x^2$

$KBSM(5_{58}) = -a^4x + x^3 - a^{-4}x^3 + a^{-8}x^3 - a^{-12}x^3 + a^{-12}x + a^{-16}x$

$KBSM(\overline{5_{58}}) = a^{16}x - a^{12}x^3 + a^{12}x + a^8x^3 - a^4x^3 + x^3 - a^{-4}x$

$KBSM(5_{59}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 + a^{-6}x^2 - a^{-10}x^4 + 2a^{-14}x^2 - a^{-14} - a^{-18}$

$KBSM(\overline{5_{59}}) = -a^{18} + 2a^{14}x^2 - a^{14} - a^{10}x^4 + a^6x^4 + a^6x^2 - a^2x^4 + a^{-2}x^2$

$KBSM(5_{60}) = a^8x - a^4x^3 + 2x^3 - 2a^{-4}x^3 + a^{-4}x + a^{-8}x^3 - a^{-12}x$

$KBSM(\overline{5_{60}}) = -a^{12}x + a^8x^3 - 2a^4x^3 + a^4x + 2x^3 - a^{-4}x^3 + a^{-8}x$

$KBSM(5_{61}) = a^2x^2 - a^{-2}x^4 - a^{-2}x^2 + 2a^{-6}x^4 - a^{-6}x^2 - a^{-10}x^4 - a^{-10}x^2 + 2a^{-14}x^2 - a^{-14} - a^{-18}$

$KBSM(\overline{5_{61}}) = -a^{18} + 2a^{14}x^2 - a^{14} - a^{10}x^4 - a^{10}x^2 + 2a^6x^4 - a^6x^2 - a^2x^4 - a^2x^2 + a^{-2}x^2$

$KBSM(5_{62}) = a^8x - 2a^4x^3 + x^5 + x^3 - x - a^{-4}x^5 - a^{-4}x + 2a^{-8}x^3 - a^{-8}x - a^{-12}x$

$KBSM(\overline{5_{62}}) = -a^{12}x + 2a^8x^3 - a^8x - a^4x^5 - a^4x + x^5 + x^3 - x - 2a^{-4}x^3 + a^{-8}x$

$KBSM(5_{63}) = -a^6x^2 + a^2x^4 - 2a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^4 + a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}$

$KBSM(\overline{5_{63}}) = a^{14} - 2a^{10}x^2 + a^{10} + a^6x^4 + a^6x^2 - 2a^2x^4 + a^2x^2 + a^{-2}x^4 - a^{-6}x^2$

$KBSM(5_{64}) = a^8x - 2a^4x^3 + a^4x + x^5 + x - a^{-4}x^5 + 2a^{-8}x^3 - a^{-8}x - a^{-12}x$

$KBSM(\overline{5_{64}}) = -a^{12}x + 2a^8x^3 - a^8x - a^4x^5 + x^5 + x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x$

$KBSM(5_{65}) = -a^6x^2 + 2a^2x^4 - a^2x^2 - 4a^{-2}x^4 + 4a^{-2}x^2 - a^{-2} - a^{-4}x^4 + 3a^{-4}x^2 - a^{-4} + 2a^{-6}x^4 + a^{-6}x^2 - a^{-6} + a^{-8}x^2 - a^{-8} - 3a^{-10}x^2 + a^{-10} + a^{-14}$

$KBSM(\overline{5_{65}}) = a^{14} - 3a^{10}x^2 + a^{10} + 3a^6x^4 - 2a^6x^2 - 4a^2x^4 + 4a^2x^2 - a^2 - x^4 + 3x^2 - 1 + a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-4}x^2 - a^{-4} - a^{-6}x^2$

$KBSM(5_{66}) = a^{10}x^2 - a^6x^4 + a^6x^2 + a^2x^4 - a^{-2}x^4 + 2a^{-6}x^2 - a^{-6} - a^{-10}$

$KBSM(\overline{5_{66}}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^{-2}x^4 - a^{-6}x^4 + a^{-6}x^2 + a^{-10}x^2$

$KBSM(5_{67}) = -a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - a^{-10}x^2 - a^{-14}x^4 + 2a^{-14}x^2 - a^{-14} + a^{-18}x^2 - a^{-18}$

$KBSM(\overline{5_{67}}) = a^{18}x^2 - a^{18} - a^{14}x^4 + 2a^{14}x^2 - a^{14} + a^{10}x^4 - a^{10}x^2 - a^6x^4 + 2a^6x^2$

$KBSM(5_{68}) = -a^8x^3 + a^8x + a^4x^5 - 2a^4x^3 - x^5 + 3x^3 - 2x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(\overline{5_{68}}) = a^4x^3 - 2a^4x - x^5 + 3x^3 - 2x + a^{-4}x^5 - 2a^{-4}x^3 - a^{-8}x^3 + a^{-8}x$
$KBSM(5_{69}) = a^{-2}x^4 - 2a^{-2}x^2 - 2a^{-6}x^4 + 4a^{-6}x^2 - a^{-6} - a^{-8}x^4 + 3a^{-8}x^2 - a^{-8} + a^{-10}x^4 - a^{-10}x^2 + a^{-12}x^2 - a^{-12} - a^{-14}x^2 + a^{-14}$
$KBSM(\overline{5_{69}}) = -a^{14}x^2 + a^{14} + 2a^{10}x^4 - 4a^{10}x^2 + a^{10} - 2a^6x^4 + 4a^6x^2 - a^6 - a^4x^4 + 3a^4x^2 - a^4 + a^2x^2 - a^2 + x^2 - 1$
$KBSM(5_{70}) = a^{12}x^3 - a^{12}x - a^8x^5 + 2a^8x^3 - a^8x + a^4x^5 - 2a^4x^3 + a^4x - x^3 + 2x$
$KBSM(\overline{5_{70}}) = -x^3 + 2x + a^{-4}x^5 - 2a^{-4}x^3 + a^{-4}x - a^{-8}x^5 + 2a^{-8}x^3 - a^{-8}x + a^{-12}x^3 - a^{-12}x$
$KBSM(5_{71}) = a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2 - a^2 + a^{-2}x^2 - a^{-2} - a^{-6}$
$KBSM(\overline{5_{71}}) = -a^6 + a^2x^2 - a^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 3a^{-10}x^2 + a^{-10}$
$KBSM(5_{72}) = a^{-8}x^5 - 3a^{-8}x^3 + 2a^{-8}x - a^{-12}x^5 + 2a^{-12}x^3 + a^{-16}x^3 - a^{-16}x$
$KBSM(\overline{5_{72}}) = a^{16}x^3 - a^{16}x - a^{12}x^5 + 2a^{12}x^3 + a^8x^5 - 3a^8x^3 + 2a^8x$
$KBSM(5_{73}) = a^6x^4 - 2a^6x^2 + a^6 - a^2x^4 + a^2x^2 - x^4 + 3x^2 - 1 + a^{-2}x^2 - a^{-2} + a^{-4}x^2 - a^{-4}$
$KBSM(\overline{5_{73}}) = a^2x^4 - 2a^2x^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-4}x^4 + 3a^{-4}x^2 - a^{-4} + a^{-6}x^2 + a^{-8}x^2 - a^{-8}$
$KBSM(5_{74}) = -a^{-10}x^4 + 3a^{-10}x^2 - a^{-10} + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{5_{74}}) = -a^{22} + a^{18}x^2 - a^{10}x^4 + 3a^{10}x^2 - a^{10}$
$KBSM(5_{75}) = a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2 + a^{-2}$
$KBSM(\overline{5_{75}}) = a^2 - a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 3a^{-10}x^2 + a^{-10}$
$KBSM(5_{76}) = a^4x^3 - 2a^4x - x^3 + x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(\overline{5_{76}}) = a^4x^3 - 2a^4x - x^3 + x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(5_{77}) = -a^6x^2 + a^6 + 2a^2x^2 - a^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2 - a^{-10}$
$KBSM(\overline{5_{77}}) = -a^{10} + a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(5_{78}) = a^4x^3 - 2a^4x - x^3 + 2x + a^{-8}x$
$KBSM(\overline{5_{78}}) = a^8x - x^3 + 2x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(5_{79}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - a^{-14}x^4 + a^{-14}x^2 + a^{-18}x^4 - a^{-18}x^2 + a^{-18} - a^{-22}x^2$
$KBSM(\overline{5_{79}}) = -a^{22}x^2 + a^{18}x^4 - a^{18}x^2 + a^{18} - a^{14}x^4 + a^{14}x^2 + a^{10}x^2 - a^6x^2 + a^6$
$KBSM(5_{80}) = a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^2$
$KBSM(\overline{5_{80}}) = a^2x^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(5_{81}) = -a^{-10}x^4 + 3a^{-10}x^2 - a^{-10} - a^{-14} + 2a^{-18}x^2 - a^{-18} - a^{-22}x^2 + a^{-26}$
$KBSM(\overline{5_{81}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - a^{18} - a^{14} - a^{10}x^4 + 3a^{10}x^2 - a^{10}$
$KBSM(5_{82}) = -a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^4 - a^{-10} - a^{-14}x^4 + a^{-14}x^2 + a^{-18}x^2$
$KBSM(\overline{5_{82}}) = a^{18}x^2 - a^{14}x^4 + a^{14}x^2 + a^{10}x^4 - a^{10} - a^6x^4 + 2a^6x^2 - a^6$
$KBSM(5_{83}) = -a^4x^3 + a^4x + x^5 - 2x^3 + 2x - a^{-4}x^5 + 2a^{-4}x^3 - a^{-4}x + a^{-8}x^3 - a^{-8}x$
$KBSM(\overline{5_{83}}) = a^8x^3 - a^8x - a^4x^5 + 2a^4x^3 - a^4x + x^5 - 2x^3 + 2x - a^{-4}x^3 + a^{-4}x$
$KBSM(5_{84}) = a^{-2}x^4 - 2a^{-2}x^2 + a^{-2} - 2a^{-6}x^4 + 3a^{-6}x^2 - a^{-8}x^4 + 3a^{-8}x^2 - a^{-8} + a^{-10}x^4 - a^{-10} + a^{-12}x^2 - a^{-12} - a^{-14}x^2$
$KBSM(\overline{5_{84}}) = -a^{14}x^2 + 2a^{10}x^4 - 3a^{10}x^2 - 2a^6x^4 + 3a^6x^2 - a^4x^4 + 3a^4x^2 - a^4 + a^2x^2 + x^2 - 1$
$KBSM(\overline{5_{85}}) = a^{14}x^4 - 3a^{14}x^2 + a^{14} - a^8x^4 + 3a^8x^2 - a^8 - a^6x^4 + 3a^6x^2 - a^6 + a^4x^2 - a^4$
$KBSM(5_{86}) = a^{14} - a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-2} - a^{-6}$
$KBSM(\overline{5_{86}}) = -a^6 + a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 + a^{-14}$
$KBSM(5_{87}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18} + a^{-26}$
$KBSM(\overline{5_{87}}) = a^{26} + a^{18} - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2 + a^6$
$KBSM(5_{88}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + a^{-18}x^2 - a^{-22} + a^{-26}$
$KBSM(\overline{5_{88}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2 + a^6$
$KBSM(5_{89}) = -a^{-6}x^2 + 2a^{-10}x^2 - 2a^{-10} - 2a^{-14}x^2 + a^{-18}x^2 - a^{-22} + a^{-26}$
$KBSM(\overline{5_{89}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + 2a^{10}x^2 - 2a^{10} - a^6x^2$
$KBSM(5_{90}) = -a^{-2} + a^{-6} - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}x^2 + a^{-22}x^2 - a^{-22}$
$KBSM(\overline{5_{90}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6 - a^2$
$KBSM(5_{91}) = -a^{-2} - a^{-10} - a^{-18}x^2 + a^{-18} + a^{-22}x^2 - a^{-22}$
$KBSM(\overline{5_{91}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{18} - a^{10} - a^2$

$KBSM(5_{92}) = a^{-4}x - 2a^{-8}x + a^{-12}x^3 + a^{-12}x - a^{-16}x^3 + 2a^{-20}x - a^{-24}x$
$KBSM(\overline{5_{92}}) = -a^{24}x + 2a^{20}x - a^{16}x^3 + a^{12}x^3 + a^{12}x - 2a^8x + a^4x$
$KBSM(5_{93}) = -a^{-10}x^2 + a^{-10} + a^{-30}$
$KBSM(\overline{5_{93}}) = a^{30} - a^{10}x^2 + a^{10}$
$KBSM(5_{94}) = -a^{-6} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}x^2 + a^{-26}x^2 - a^{-26}$
$KBSM(\overline{5_{94}}) = a^{26}x^2 - a^{26} - a^{22}x^2 + a^{18}x^2 - a^{14}x^2 - a^6$
$KBSM(5_{95}) = -a^{-6} - a^{-14}x^2 - a^{-14} + 2a^{-18}x^2 - a^{-18} - 2a^{-22}x^2 + a^{-22} + a^{-26}x^2$
$KBSM(\overline{5_{95}}) = a^{26}x^2 - 2a^{22}x^2 + a^{22} + 2a^{18}x^2 - a^{18} - a^{14}x^2 - a^{14} - a^6$

2.15 Knots in $L(10,3)$

$KBSM(0_1) = x$
$KBSM(1_1) = -a^{-2}x^2 + a^{-2} + a^{-6}$
$KBSM(\overline{1_1}) = a^6 - a^2x^2 + a^2$
$KBSM(2_1) = -a^{-2}x^2 + a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{2_1}) = -a^{10} + a^6x^2 - a^6 - a^2x^2$
$KBSM(*2_2) = -a^4x + x^3 - x - a^{-4}x$
$KBSM(2_3) = a^{-4}x^3 - 2a^{-4}x - a^{-8}x$
$KBSM(\overline{2_3}) = -a^8x + a^4x^3 - 2a^4x$
$KBSM(3_1) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-8}x + a^{-12}x$
$KBSM(\overline{3_1}) = a^{12}x - a^8x^3 + a^8x + a^4x^3 - a^4x$
$KBSM(3_2) = a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$
$KBSM(\overline{3_2}) = a^2x^2 - a^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2$
$KBSM(3_3) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{3_3}) = a^{14} - a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2$
$KBSM(3_4) = -a^4x + x^3 - a^{-4}x^3 + a^{-4}x + a^{-8}x$
$KBSM(\overline{3_4}) = a^8x - a^4x^3 + a^4x + x^3 - a^{-4}x$
$KBSM(3_5) = a^2x^2 - a^{-2}x^4 + a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{3_5}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^2x^2 + a^{-2}x^2$
$KBSM(3_6) = -a^{-6}x^4 + 3a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10}$
$KBSM(\overline{3_6}) = a^{10}x^2 - a^{10} - a^6x^4 + 3a^6x^2 - a^6$
$KBSM(3_7) = -a^{-6}x^2 + a^{-6} + a^{-18}$
$KBSM(\overline{3_7}) = a^{18} - a^6x^2 + a^6$
$KBSM(3_8) = -a^{-2} - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(\overline{3_8}) = a^{14}x^2 - a^{14} - a^{10}x^2 - a^2$
$KBSM(4_1) = -a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 2a^{-10}x^2 + a^{-10} - a^{-14}x^2 + a^{-14}$
$KBSM(\overline{4_1}) = -a^{14}x^2 + a^{14} + a^{10}x^4 - 2a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2$
$KBSM(4_2) = -a^8x^3 + a^8x + a^4x^5 - 3a^4x^3 + 2a^4x - x^3 + 2x$
$KBSM(\overline{4_2}) = -x^3 + 2x + a^{-4}x^5 - 3a^{-4}x^3 + 2a^{-4}x - a^{-8}x^3 + a^{-8}x$
$KBSM(4_3) = a^{-4}x^3 - 2a^{-8}x^3 + 2a^{-8}x + a^{-12}x^3 - a^{-16}x$
$KBSM(\overline{4_3}) = -a^{16}x + a^{12}x^3 - 2a^8x^3 + 2a^8x + a^4x^3$
$KBSM(4_4) = a^2x^2 - a^{-2}x^4 + a^{-2} + a^{-6}x^4 - a^{-6}x^2 + a^{-6} - a^{-10}x^2$
$KBSM(\overline{4_4}) = -a^{10}x^2 + a^6x^4 - a^6x^2 + a^6 - a^2x^4 + a^2 + a^{-2}x^2$
$KBSM(4_5) = -a^4x^3 + x^5 - 2x^3 + 2x - 2a^{-4}x^3 + 2a^{-4}x + a^{-8}x$
$KBSM(\overline{4_5}) = a^8x - 2a^4x^3 + 2a^4x + x^5 - 2x^3 + 2x - a^{-4}x^3$
$KBSM(4_6) = -a^{-6}x^2 + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{4_6}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2$
$KBSM(4_7) = a^{-4}x - a^{-8}x + a^{-12}x^3 - a^{-16}x^3 + a^{-20}x$
$KBSM(\overline{4_7}) = a^{20}x - a^{16}x^3 + a^{12}x^3 - a^8x + a^4x$

$KBSM(4_8) = -a^{16}x + a^{12}x - a^8x + a^4x^3 - a^4x - x$
$KBSM(\overline{4_8}) = -x + a^{-4}x^3 - a^{-4}x - a^{-8}x + a^{-12}x - a^{-16}x$
$KBSM(4_9) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2 + a^{-2}$
$KBSM(\overline{4_9}) = a^2 - a^{-2}x^2 + a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2$
$KBSM(4_{10}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{4_{10}}) = -a^{18} + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^2$
$KBSM(4_{11}) = -a^4x + x^3 - a^{-4}x^3 + a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(\overline{4_{11}}) = -a^{12}x + a^8x^3 - a^8x - a^4x^3 + x^3 - a^{-4}x$
$KBSM(4_{12}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 - 2a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{4_{12}}) = a^{14} - 2a^{10}x^2 + a^{10} + a^6x^4 - a^2x^4 + a^{-2}x^2$
$KBSM(*4_{13}) = a^8x - a^4x^3 + 2x^3 - x - a^{-4}x^3 + a^{-8}x$
$KBSM(*4_{14}) = a^8x - 2a^4x^3 + a^4x + x^5 - x^3 + x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x$
$KBSM(4_{15}) = -a^6x^2 + a^2x^4 - a^2x^2 - a^{-2}x^4 + 2a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{4_{15}}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^2$
$KBSM(4_{16}) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-12}x^3 - a^{-12}x - a^{-16}x$
$KBSM(\overline{4_{16}}) = -a^{16}x + a^{12}x^3 - a^{12}x - a^8x^3 + a^4x^3 - a^4x$
$KBSM(4_{17}) = a^6x^2 - a^2x^4 + a^2x^2 + a^{-2}x^4 - 2a^{-2}x^2 + a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(\overline{4_{17}}) = -a^6x^2 + a^6 + a^2x^4 - 2a^2x^2 + a^2 - a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^2$
$KBSM(4_{18}) = -x^3 + x + a^{-4}x^5 - 2a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + 2a^{-8}x + a^{-12}x$
$KBSM(\overline{4_{18}}) = a^{12}x - 2a^8x^3 + 2a^8x + a^4x^5 - 2a^4x^3 + a^4x - x^3 + x$
$KBSM(4_{19}) = -a^{10}x^2 + a^6x^4 - a^6x^2 - a^2x^4 + a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$
$KBSM(\overline{4_{19}}) = a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-6}x^2 - a^{-10}x^2$
$KBSM(4_{20}) = -a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^4 - a^{-10}x^2 - a^{-10} - a^{-14}x^2$
$KBSM(\overline{4_{20}}) = -a^{14}x^2 + a^{10}x^4 - a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6$
$KBSM(*4_{21}) = -a^4x^3 + a^4x + x^5 - 3x^3 + 3x - a^{-4}x^3 + a^{-4}x$
$KBSM(4_{22}) = a^{-8}x^3 - 2a^{-8}x - a^{-16}x$
$KBSM(\overline{4_{22}}) = -a^{16}x + a^8x^3 - 2a^8x$
$KBSM(4_{23}) = -a^{12}x^3 + 2a^{12}x + a^8x^3 - a^8x$
$KBSM(\overline{4_{23}}) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(4_{24}) = a^{-8}x^5 - 4a^{-8}x^3 + 3a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(\overline{4_{24}}) = -a^{12}x^3 + 2a^{12}x + a^8x^5 - 4a^8x^3 + 3a^8x$
$KBSM(4_{25}) = -a^6x^2 + a^6 + a^2x^2 - a^2 - a^{-2} - a^{-10}$
$KBSM(\overline{4_{25}}) = -a^{10} - a^2 + a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(4_{26}) = -a^6x^2 + a^6 + a^2x^2 - a^{-2}x^2 + a^{-2} + a^{-6} - a^{-10}$
$KBSM(\overline{4_{26}}) = -a^{10} + a^6 - a^2x^2 + a^2 + a^{-2}x^2 - a^{-6}x^2 + a^{-6}$
$KBSM(*4_{27}) = a^8x - 2a^4x + x^3 - x - 2a^{-4}x + a^{-8}x$
$KBSM(5_1) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(\overline{5_1}) = -a^{12}x^3 + 2a^{12}x + a^8x^3 - a^8x$
$KBSM(5_2) = a^{-6} - a^{-10}x^4 + a^{-10}x^2 + a^{-14}x^4 - a^{-14}x^2 - a^{-18}x^2 + a^{-18}$
$KBSM(\overline{5_2}) = -a^{18}x^2 + a^{18} + a^{14}x^4 - a^{14}x^2 - a^{10}x^4 + a^{10}x^2 + a^6$
$KBSM(5_3) = -a^{12}x^3 + a^{12}x + 2a^8x^3 - 2a^8x - a^4x^3 + a^4x + x$
$KBSM(\overline{5_3}) = x - a^{-4}x^3 + a^{-4}x + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x^3 + a^{-12}x$
$KBSM(5_4) = a^{14}x^2 - a^{14} - a^6x^4 + 2a^6x^2 + a^2x^2 - a^2$
$KBSM(\overline{5_4}) = a^{-2}x^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(5_5) = a^{-8}x^5 - 3a^{-8}x^3 + a^{-8}x - a^{-12}x^5 + 3a^{-12}x^3 - 2a^{-12}x + a^{-16}x^3 - 2a^{-16}x$
$KBSM(\overline{5_5}) = a^{16}x^3 - 2a^{16}x - a^{12}x^5 + 3a^{12}x^3 - 2a^{12}x + a^8x^5 - 3a^8x^3 + a^8x$
$KBSM(5_6) = a^{10}x^4 - 2a^{10}x^2 - a^6x^4 + 2a^6x^2 + a^2x^4 - 3a^2x^2 + a^2 - x^4 + 3x^2 - 1 - a^{-2}x^4 + 3a^{-2}x^2 - a^{-2} + a^{-4}x^2 - a^{-4} - a^{-6} + a^{-10}$
$KBSM(\overline{5_6}) = a^{-2}x^4 - 3a^{-2}x^2 + a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 2a^{-10}x^2 - a^{-12}x^4 + 3a^{-12}x^2 - a^{-12} - a^{-14}x^4 + 3a^{-14}x^2 - a^{-14} + a^{-16}x^2 - a^{-16} - a^{-18} + a^{-22}$

$KBSM(5_7) = -a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^4 - 3a^{-10}x^2 - a^{-14}x^4 + a^{-14}x^2 - a^{-14} + a^{-18}x^2 - a^{-18}$

$KBSM(\overline{5_7}) = a^{18}x^2 - a^{18} - a^{14}x^4 + a^{14}x^2 - a^{14} + 2a^{10}x^4 - 3a^{10}x^2 - a^6x^4 + a^6x^2$

$KBSM(5_8) = -x^3 + x + a^{-4}x^5 - a^{-4}x^3 - a^{-4}x - a^{-8}x^5 + 2a^{-8}x^3 - 2a^{-8}x + a^{-12}x^3 - a^{-12}x$

$KBSM(\overline{5_8}) = a^{12}x^3 - a^{12}x - a^8x^5 + 2a^8x^3 - 2a^8x + a^4x^5 - a^4x^3 - a^4x - x^3 + x$

$KBSM(5_9) = a^6x^4 - a^6x^2 - 2a^2x^4 + 3a^2x^2 - a^2 + 2a^{-2}x^4 - 4a^{-2}x^2 + a^{-2} - a^{-4}x^4 + 3a^{-4}x^2 - a^{-4} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-8}x^2 - a^{-8} - a^{-10} + a^{-14}$

$KBSM(\overline{5_9}) = -a^6x^2 + a^6 + 2a^2x^4 - 4a^2x^2 + a^2 - 2a^{-2}x^4 + 3a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-6}x^2 - a^{-8}x^4 + 3a^{-8}x^2 - a^{-8} - a^{-10}x^4 + 3a^{-10}x^2 - a^{-10} + a^{-12}x^2 - a^{-12} - a^{-14} + a^{-18}$

$KBSM(5_{10}) = a^{-4}x^3 - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x^3 + a^{-20}x$

$KBSM(\overline{5_{10}}) = a^{20}x - a^{16}x^3 + 2a^{12}x^3 - a^{12}x - 2a^8x^3 + a^8x + a^4x^3$

$KBSM(5_{11}) = a^2x^2 - a^{-2}x^4 - a^{-2}x^2 + a^{-2} + 2a^{-6}x^4 - 2a^{-6}x^2 + a^{-6} - a^{-10}x^4 + a^{-14}x^2$

$KBSM(\overline{5_{11}}) = a^{14}x^2 - a^{10}x^4 + 2a^6x^4 - 2a^6x^2 + a^6 - a^2x^4 - a^2x^2 + a^2 + a^{-2}x^2$

$KBSM(5_{12}) = -x^3 + a^{-4}x^5 - a^{-4}x - a^{-8}x^5 + 2a^{-12}x^3 - a^{-12}x - a^{-16}x$

$KBSM(\overline{5_{12}}) = -a^{16}x + 2a^{12}x^3 - a^{12}x - a^8x^5 + a^4x^5 - a^4x - x^3$

$KBSM(5_{13}) = -a^6x^2 + a^2x^4 - a^2 - 2a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-10}x^2$

$KBSM(\overline{5_{13}}) = -a^{10}x^2 + a^6x^4 - 2a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^4 - a^{-2} - a^{-6}x^2$

$KBSM(5_{14}) = -a^4x^3 + x^5 - x^3 + x - a^{-4}x^5 + a^{-4}x^3 - a^{-4}x + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x$

$KBSM(\overline{5_{14}}) = -a^{12}x + 2a^8x^3 - 2a^8x - a^4x^5 + a^4x^3 - a^4x + x^5 - x^3 + x - a^{-4}x^3$

$KBSM(5_{15}) = -a^{10}x^2 + 2a^6x^4 - 2a^6x^2 + a^6 - 3a^2x^4 + 3a^2x^2 + 2a^{-2}x^4 - 2a^{-2}x^2 - a^{-4}x^4 + 3a^{-4}x^2 - a^{-4} - a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-8}x^2 - a^{-8} - a^{-10} + a^{-14}$

$KBSM(\overline{5_{15}}) = -a^6x^2 + 2a^2x^4 - 2a^2x^2 - 3a^{-2}x^4 + 3a^{-2}x^2 + 2a^{-6}x^4 - 2a^{-6}x^2 + a^{-6} - a^{-8}x^4 + 3a^{-8}x^2 - a^{-8} - a^{-10}x^4 + 2a^{-10}x^2 - a^{-10} + a^{-12}x^2 - a^{-12} - a^{-14} + a^{-18}$

$KBSM(5_{16}) = a^8x^3 - a^4x^5 + a^4x^3 - a^4x + x^5 - 2a^{-4}x^3 + a^{-4}x + a^{-8}x$

$KBSM(\overline{5_{16}}) = a^8x - 2a^4x^3 + a^4x + x^5 - a^{-4}x^5 + a^{-4}x^3 - a^{-4}x + a^{-8}x^3$

$KBSM(5_{17}) = a^{14}x^2 - a^{10}x^4 + a^{10}x^2 - a^{10} + a^6x^4 + a^6x^2 - a^6 - a^2x^4 + a^{-2}x^2$

$KBSM(\overline{5_{17}}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 + a^{-6}x^2 - a^{-6} - a^{-10}x^4 + a^{-10}x^2 - a^{-10} + a^{-14}x^2$

$KBSM(5_{18}) = -a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^4 - 3a^{-10}x^2 + a^{-10} - a^{-14}x^4 + a^{-14} + a^{-18}x^2$

$KBSM(\overline{5_{18}}) = a^{18}x^2 - a^{14}x^4 + a^{14} + 2a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + a^6x^2$

$KBSM(5_{19}) = -a^4x^3 + x^5 - x^3 - a^{-4}x^5 + 2a^{-4}x^3 - 2a^{-4}x + a^{-8}x^3 - a^{-8}x$

$KBSM(\overline{5_{19}}) = a^8x^3 - a^8x - a^4x^5 + 2a^4x^3 - 2a^4x + x^5 - x^3 - a^{-4}x^3$

$KBSM(5_{20}) = a^2x^4 - a^2x^2 - 2a^{-2}x^4 + 2a^{-2}x^2 + 2a^{-6}x^4 - 3a^{-6}x^2 + a^{-6} - a^{-8}x^4 + 3a^{-8}x^2 - a^{-8} - a^{-10}x^4 + 2a^{-10}x^2 - a^{-10} + a^{-12}x^2 - a^{-12} - a^{-14} + a^{-18}$

$KBSM(\overline{5_{20}}) = -a^{10}x^2 + 2a^6x^4 - 3a^6x^2 + a^6 - 2a^2x^4 + 2a^2x^2 + a^{-2}x^4 - a^{-2}x^2 - a^{-4}x^4 + 3a^{-4}x^2 - a^{-4} - a^{-6}x^4 + 3a^{-6}x^2 - a^{-6} + a^{-8}x^2 - a^{-8} - a^{-10} + a^{-14}$

$KBSM(5_{21}) = a^{12}x^3 - a^8x^5 + a^8x^3 + a^4x^5 - a^4x^3 - x^3 + x$

$KBSM(\overline{5_{21}}) = -x^3 + x + a^{-4}x^5 - a^{-4}x^3 - a^{-8}x^5 + a^{-8}x^3 + a^{-12}x^3$

$KBSM(5_{22}) = -a^6x^2 + a^2x^4 - a^2x^2 - a^{-2}x^4 + a^{-2} + a^{-6}x^2 + a^{-6}$

$KBSM(\overline{5_{22}}) = a^6x^2 + a^6 - a^2x^4 + a^2 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^2$

$KBSM(5_{23}) = -a^{12}x + a^8x^3 - a^8x - a^4x^3 + a^4x + 2x$

$KBSM(\overline{5_{23}}) = 2x - a^{-4}x^3 + a^{-4}x + a^{-8}x^3 - a^{-8}x - a^{-12}x$

$KBSM(5_{24}) = -a^{-6}x^4 + 3a^{-6}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}$

$KBSM(\overline{5_{24}}) = -a^{18} + a^{14}x^2 - a^{14} - a^6x^4 + 3a^6x^2$

$KBSM(5_{25}) = -a^{-6}x^2 + 2a^{-10}x^2 - a^{-14}x^4 - a^{-14}x^2 + a^{-14} + a^{-18}x^4 + a^{-18}x^2 - 2a^{-22}x^2 + a^{-26}$

$KBSM(\overline{5_{25}}) = a^{26} - 2a^{22}x^2 + a^{18}x^4 + a^{18}x^2 - a^{14}x^4 - a^{14}x^2 + a^{14} + 2a^{10}x^2 - a^6x^2$

$KBSM(5_{26}) = -x + a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-16}x^3 - a^{-16}x + a^{-20}x$

$KBSM(\overline{5_{26}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - 2a^8x^3 + a^8x + a^4x^3 + a^4x - x$

$KBSM(5_{27}) = -x + a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-16}x^3 - a^{-16}x + a^{-20}x$

$KBSM(\overline{5_{27}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - 2a^8x^3 + a^8x + a^4x^3 + a^4x - x$

$KBSM(5_{28}) = a^{14}x^2 - 2a^{10}x^2 + 3a^6x^2 - a^6 - a^2x^4 + 2a^{-2}x^2 - a^{-6}$

$KBSM(\overline{5_{28}}) = -a^6 + 2a^2x^2 - a^{-2}x^4 + 3a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^2$

$KBSM(5_{29}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 - a^{-10} + a^{-14}$

$KBSM(\overline{5_{29}}) = a^{14} - a^{10}x^2 - a^{10} + 2a^6x^2 - a^6 - 2a^2x^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$

$KBSM(5_{30}) = a^8x - a^4x + 2x - a^{-4}x^3 + a^{-8}x^3 - a^{-12}x$

$KBSM(\overline{5_{30}}) = -a^{12}x + a^8x^3 - a^4x^3 + 2x - a^{-4}x + a^{-8}x$

$KBSM(5_{31}) = a^8x - 2a^4x + x^3 + x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x^3 + a^{-8}x - a^{-12}x$

$KBSM(\overline{5_{31}}) = -a^{12}x + a^8x^3 + a^8x - 2a^4x^3 + a^4x + x^3 + x - 2a^{-4}x + a^{-8}x$

$KBSM(5_{32}) = a^8x - 2a^4x + x^3 - a^{-4}x^3 - a^{-4}x + a^{-8}x^3 - a^{-12}x$

$KBSM(\overline{5_{32}}) = -a^{12}x + a^8x^3 - a^4x^3 - a^4x + x^3 - 2a^{-4}x + a^{-8}x$

$KBSM(5_{33}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + a^{-2} + a^{-6}x^2 + a^{-6} - a^{-10}x^2 + a^{-14}$

$KBSM(\overline{5_{33}}) = a^{14} - a^{10}x^2 + a^6x^2 + a^6 - 2a^2x^2 + a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$

$KBSM(5_{34}) = -a^6x^2 + 3a^2x^2 - a^2 - a^{-2}x^4 + 3a^{-6}x^2 - a^{-6} - a^{-10}x^2 - a^{-10} + a^{-14}$

$KBSM(\overline{5_{34}}) = a^{14} - a^{10}x^2 - a^{10} + 3a^6x^2 - a^6 - a^2x^4 + 3a^{-2}x^2 - a^{-2} - a^{-6}x^2$

$KBSM(5_{35}) = -a^{-6}x^2 + 2a^{-10}x^2 - a^{-10} - a^{-14}x^4 - a^{-14} + a^{-18}x^4 + a^{-18}x^2 - a^{-18} - 2a^{-22}x^2 + a^{-26}$

$KBSM(\overline{5_{35}}) = a^{26} - 2a^{22}x^2 + a^{18}x^4 + a^{18}x^2 - a^{18} - a^{14}x^4 - a^{14} + 2a^{10}x^2 - a^{10} - a^6x^2$

$KBSM(5_{36}) = -x + a^{-4}x^3 - a^{-8}x^3 - a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x^3 - a^{-16}x + a^{-20}x$

$KBSM(\overline{5_{36}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - a^{12}x - a^8x^3 - a^8x + a^4x^3 - x$

$KBSM(5_{37}) = a^{14}x^2 - 2a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-6}$

$KBSM(\overline{5_{37}}) = -a^6 + a^2x^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^2$

$KBSM(5_{38}) = -a^{-2} + a^{-6}x^2 - a^{-6} - a^{-10}x^4 + a^{-10}x^2 - a^{-10} + a^{-14}x^4 - a^{-14}x^2 - a^{-18}x^2 + a^{-18}$

$KBSM(\overline{5_{38}}) = -a^{18}x^2 + a^{18} + a^{14}x^4 - a^{14}x^2 - a^{10}x^4 + a^{10}x^2 - a^{10} + a^6x^2 - a^6 - a^2$

$KBSM(5_{39}) = -a^{12}x^3 + a^{12}x + 2a^8x^3 - 2a^8x - a^4x^3 + x^3 - x - a^{-4}x$

$KBSM(\overline{5_{39}}) = -a^4x + x^3 - x - a^{-4}x^3 + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x^3 + a^{-12}x$

$KBSM(5_{40}) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + a^{-12}x + a^{-16}x^3 - a^{-16}x - a^{-20}x^3 + a^{-20}x + a^{-24}x$

$KBSM(\overline{5_{40}}) = a^{24}x - a^{20}x^3 + a^{20}x + a^{16}x^3 - a^{16}x - a^{12}x^3 + a^{12}x + a^8x^3 - a^8x$

$KBSM(5_{41}) = a^{18} + a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6 + a^2x^2 - a^2$

$KBSM(\overline{5_{41}}) = a^{-2}x^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10} + a^{-18}$

$KBSM(5_{42}) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-12}x^3 - a^{-16}x^3 + a^{-16}x + a^{-20}x$

$KBSM(\overline{5_{42}}) = a^{20}x - a^{16}x^3 + a^{16}x + a^{12}x^3 - a^8x^3 + a^4x^3 - a^4x$

$KBSM(5_{43}) = a^6x^2 - a^2x^4 + a^2x^2 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10}$

$KBSM(\overline{5_{43}}) = a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6 + a^2x^4 - a^2x^2 - a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^2$

$KBSM(5_{44}) = -x^3 + x + a^{-4}x^5 - a^{-4}x^3 - a^{-8}x^5 + a^{-8}x^3 - a^{-8}x + 2a^{-12}x^3 - 2a^{-12}x - a^{-16}x$

$KBSM(\overline{5_{44}}) = -a^{16}x + 2a^{12}x^3 - 2a^{12}x - a^8x^5 + a^8x^3 - a^8x + a^4x^5 - a^4x^3 - x^3 + x$

$KBSM(5_{45}) = -a^{10}x^2 + a^6x^4 - 2a^2x^4 + 2a^2x^2 + a^{-2}x^4 - a^{-2}x^2 + a^{-2} - a^{-6}x^2 + a^{-6}$

$KBSM(\overline{5_{45}}) = -a^6x^2 + a^6 + a^2x^4 - a^2x^2 + a^2 - 2a^{-2}x^4 + 2a^{-2}x^2 + a^{-6}x^4 - a^{-10}x^2$

$KBSM(5_{46}) = -x^3 + x + a^{-4}x^5 - a^{-4}x^3 + a^{-4}x - a^{-8}x^5 + a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x$

$KBSM(\overline{5_{46}}) = -a^{16}x + 2a^{12}x^3 - a^{12}x - a^8x^5 + a^8x + a^4x^5 - a^4x^3 + a^4x - x^3 + x$

$KBSM(5_{47}) = -a^{10}x^2 + 2a^6x^4 - 2a^6x^2 - 3a^2x^4 + 4a^2x^2 - a^2 + 2a^{-2}x^4 - 3a^{-2}x^2 + a^{-2} - a^{-4}x^4 + 3a^{-4}x^2 - a^{-4} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-8}x^2 - a^{-8} - a^{-10} + a^{-14}$

$KBSM(\overline{5_{47}}) = -a^6x^2 + a^6 + 2a^2x^4 - 3a^2x^2 + a^2 - 3a^{-2}x^4 + 4a^{-2}x^2 - a^{-2} + 2a^{-6}x^4 - 2a^{-6}x^2 - a^{-8}x^4 + 3a^{-8}x^2 - a^{-8} - a^{-10}x^4 + 2a^{-10}x^2 - a^{-10} + a^{-12}x^2 - a^{-12} - a^{-14} + a^{-18}$

$KBSM(5_{48}) = a^4x^3 - a^4x - x^5 + 2x^3 - x + a^{-4}x^5 - a^{-4}x^3 - 2a^{-8}x^3 + 2a^{-8}x + a^{-12}x$

$KBSM(\overline{5_{48}}) = a^{12}x - 2a^8x^3 + 2a^8x + a^4x^5 - a^4x^3 - x^5 + 2x^3 - x + a^{-4}x^3 - a^{-4}x$

$KBSM(5_{49}) = a^{14}x^2 - a^{10}x^4 + a^{10}x^2 + a^6x^4 - a^2x^4 + a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$

$KBSM(\overline{5_{49}}) = a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-10}x^4 + a^{-10}x^2 + a^{-14}x^2$

$KBSM(5_{50}) = -a^{-6}x^2 + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + 2a^{-18}x^2 - a^{-22}x^2 + a^{-26}$

$KBSM(\overline{5_{50}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2$

$KBSM(5_{51}) = a^{-4}x - a^{-8}x + a^{-12}x^3 + a^{-12}x - 2a^{-16}x^3 + a^{-16}x + a^{-20}x^3 - a^{-24}x$

$KBSM(\overline{5_{51}}) = -a^{24}x + a^{20}x^3 - 2a^{16}x^3 + a^{16}x + a^{12}x^3 + a^{12}x - a^8x + a^4x$

$KBSM(5_{52}) = -a^{16}x + a^{12}x - a^8x + a^4x^3 - x^3 + x + a^{-4}x$

$KBSM(\overline{5_{52}}) = a^4x - x^3 + x + a^{-4}x^3 - a^{-8}x + a^{-12}x - a^{-16}x$

$KBSM(5_{53}) = a^{-2}x^2 - a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{5_{53}}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + 2a^{10}x^2 - a^{10} - a^6x^4 + a^6x^2 + a^2x^2$
$KBSM(5_{54}) = a^{20}x - a^{16}x^3 + a^{12}x^3 + a^{12}x - a^8x^3 + a^4x^3 - x$
$KBSM(\overline{5_{54}}) = -x + a^{-4}x^3 - a^{-8}x^3 + a^{-12}x^3 + a^{-12}x - a^{-16}x^3 + a^{-20}x$
$KBSM(5_{55}) = -a^{18}x^2 + a^{14}x^4 - a^{10}x^4 - a^{10}x^2 + a^{10} + 2a^6x^2 - a^2x^2 + a^{-2}$
$KBSM(\overline{5_{55}}) = a^2 - a^{-2}x^2 + 2a^{-6}x^2 - a^{-10}x^4 - a^{-10}x^2 + a^{-10} + a^{-14}x^4 - a^{-18}x^2$
$KBSM(5_{56}) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + 2a^6x^2 - a^2x^4 + a^2x^2 - a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}$
$KBSM(\overline{5_{56}}) = -a^6 + 2a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + 2a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2$
$KBSM(5_{57}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-18}x^2 + a^{-18} + a^{-22}$
$KBSM(\overline{5_{57}}) = a^{22} - a^{18}x^2 + a^{18} + a^{14}x^2 - a^{10}x^2 + a^6x^2 - a^2x^2$
$KBSM(5_{58}) = -a^4x + x^3 - a^{-4}x^3 + a^{-8}x^3 - a^{-12}x^3 + a^{-12}x + a^{-16}x$
$KBSM(\overline{5_{58}}) = a^{16}x - a^{12}x^3 + a^{12}x + a^8x^3 - a^4x^3 + x^3 - a^{-4}x$
$KBSM(5_{59}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 + a^{-6}x^2 - a^{-10}x^4 + 2a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{5_{59}}) = -a^{18} + 2a^{14}x^2 - a^{14} - a^{10}x^4 + a^6x^4 + a^6x^2 - a^2x^4 + a^{-2}x^2$
$KBSM(5_{60}) = a^8x - a^4x^3 + 2x^3 - 2a^{-4}x^3 + a^{-4}x + a^{-8}x^3 - a^{-12}x$
$KBSM(\overline{5_{60}}) = -a^{12}x + a^8x^3 - 2a^4x^3 + a^4x + 2x^3 - a^{-4}x^3 + a^{-8}x$
$KBSM(5_{61}) = a^2x^2 - a^{-2}x^4 - a^{-2}x^2 + 2a^{-6}x^4 - a^{-6}x^2 - a^{-10}x^4 - a^{-10}x^2 + 2a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{5_{61}}) = -a^{18} + 2a^{14}x^2 - a^{14} - a^{10}x^4 - a^{10}x^2 + 2a^6x^4 - a^6x^2 - a^2x^4 - a^2x^2 + a^{-2}x^2$
$KBSM(5_{62}) = a^8x - 2a^4x^3 + x^5 + x^3 - x - a^{-4}x^5 - a^{-4}x + 2a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(\overline{5_{62}}) = -a^{12}x + 2a^8x^3 - a^8x - a^4x^5 - a^4x + x^5 + x^3 - x - 2a^{-4}x^3 + a^{-8}x$
$KBSM(5_{63}) = -a^6x^2 + a^2x^4 - 2a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^4 + a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{5_{63}}) = a^{14} - 2a^{10}x^2 + a^{10} + a^6x^4 + a^6x^2 - 2a^2x^4 + a^2x^2 + a^{-2}x^4 - a^{-6}x^2$
$KBSM(5_{64}) = a^8x - 2a^4x^3 + a^4x + x^5 + x - a^{-4}x^5 + 2a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(\overline{5_{64}}) = -a^{12}x + 2a^8x^3 - a^8x - a^4x^5 + x^5 + x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x$
$KBSM(5_{65}) = -a^6x^2 + 2a^2x^4 - a^2x^2 - 4a^{-2}x^4 + 4a^{-2}x^2 - a^{-2} + 3a^{-6}x^4 - 2a^{-6}x^2 - a^{-8}x^4 + 3a^{-8}x^2 - a^{-8} - a^{-10}x^4 + a^{-12}x^2 - a^{-12} + a^{-18}$
$KBSM(\overline{5_{65}}) = a^{14} - 3a^{10}x^2 + a^{10} + 3a^6x^4 - 2a^6x^2 - 4a^2x^4 + 4a^2x^2 - a^2 + 2a^{-2}x^4 - a^{-2}x^2 - a^{-4}x^4 + 3a^{-4}x^2 - a^{-4} - a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-8}x^2 - a^{-8} - a^{-10} + a^{-14}$
$KBSM(5_{66}) = a^{10}x^2 - a^6x^4 + a^6x^2 + a^2x^4 - a^{-2}x^4 + 2a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{5_{66}}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^{-2}x^4 - a^{-6}x^4 + a^{-6}x^2 + a^{-10}x^2$
$KBSM(5_{67}) = -a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - a^{-10}x^2 - a^{-14}x^4 + 2a^{-14}x^2 - a^{-14} + a^{-18}x^2 - a^{-18}$
$KBSM(\overline{5_{67}}) = a^{18}x^2 - a^{18} - a^{14}x^4 + 2a^{14}x^2 - a^{14} + a^{10}x^4 - a^{10}x^2 - a^6x^4 + 2a^6x^2$
$KBSM(5_{68}) = -a^8x^3 + a^8x + a^4x^5 - 2a^4x^3 - x^5 + 3x^3 - 2x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(\overline{5_{68}}) = a^4x^3 - 2a^4x - x^5 + 3x^3 - 2x + a^{-4}x^5 - 2a^{-4}x^3 - a^{-8}x^3 + a^{-8}x$
$KBSM(5_{69}) = a^{-2}x^4 - 2a^{-2}x^2 - 2a^{-6}x^4 + 4a^{-6}x^2 - a^{-6} + 2a^{-10}x^4 - 4a^{-10}x^2 + a^{-10} - a^{-12}x^4 + 3a^{-12}x^2 - a^{-12} - a^{-14}x^4 + 2a^{-14}x^2 + a^{-16}x^2 - a^{-16} - a^{-18} + a^{-22}$
$KBSM(\overline{5_{69}}) = -a^{14}x^2 + a^{14} + 2a^{10}x^4 - 4a^{10}x^2 + a^{10} - 2a^6x^4 + 4a^6x^2 - a^6 + a^2x^4 - 2a^2x^2 - x^4 + 3x^2 - 1 - a^{-2}x^4 + 3a^{-2}x^2 - a^{-2} + a^{-4}x^2 - a^{-4} - a^{-6} + a^{-10}$
$KBSM(5_{70}) = a^{12}x^3 - a^{12}x - a^8x^5 + 2a^8x^3 - a^8x + a^4x^5 - 2a^4x^3 + a^4x - x^3 + 2x$
$KBSM(\overline{5_{70}}) = -x^3 + 2x + a^{-4}x^5 - 2a^{-4}x^3 + a^{-4}x - a^{-8}x^5 + 2a^{-8}x^3 - a^{-8}x + a^{-12}x^3 - a^{-12}x$
$KBSM(5_{71}) = a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2 - a^2 + a^{-2}x^2 - a^{-2} - a^{-6}$
$KBSM(\overline{5_{71}}) = -a^6 + a^2x^2 - a^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 3a^{-10}x^2 + a^{-10}$
$KBSM(5_{72}) = a^{-8}x^5 - 3a^{-8}x^3 + 2a^{-8}x - a^{-12}x^5 + 2a^{-12}x^3 + a^{-16}x^3 - a^{-16}x$
$KBSM(\overline{5_{72}}) = a^{16}x^3 - a^{16}x - a^{12}x^5 + 2a^{12}x^3 + a^8x^5 - 3a^8x^3 + 2a^8x$
$KBSM(5_{73}) = a^6x^4 - 2a^6x^2 + a^6 - a^2x^4 + a^2x^2 + a^{-2}x^4 - 2a^{-2}x^2 - a^{-4}x^4 + 3a^{-4}x^2 - a^{-4} - a^{-6}x^4 + 3a^{-6}x^2 - a^{-6} + a^{-8}x^2 - a^{-8} - a^{-10} + a^{-14}$
$KBSM(\overline{5_{73}}) = a^2x^4 - 2a^2x^2 - a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^4 - 2a^{-6}x^2 + a^{-6} - a^{-8}x^4 + 3a^{-8}x^2 - a^{-8} - a^{-10}x^4 + 3a^{-10}x^2 - a^{-10} + a^{-12}x^2 - a^{-12} - a^{-14} + a^{-18}$
$KBSM(5_{74}) = -a^{-10}x^4 + 3a^{-10}x^2 - a^{-10} + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{5_{74}}) = -a^{22} + a^{18}x^2 - a^{10}x^4 + 3a^{10}x^2 - a^{10}$

$KBSM(5_{75}) = a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2 + a^{-2}$
$KBSM(\overline{5_{75}}) = a^2 - a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 3a^{-10}x^2 + a^{-10}$
$KBSM(5_{76}) = a^4x^3 - 2a^4x - x^3 + x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(\overline{5_{76}}) = a^4x^3 - 2a^4x - x^3 + x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(5_{77}) = -a^6x^2 + a^6 + 2a^2x^2 - a^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2 - a^{-10}$
$KBSM(\overline{5_{77}}) = -a^{10} + a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(5_{78}) = a^4x^3 - 2a^4x - x^3 + 2x + a^{-8}x$
$KBSM(\overline{5_{78}}) = a^8x - x^3 + 2x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(5_{79}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - a^{-14}x^4 + a^{-14}x^2 + a^{-18}x^4 - a^{-18}x^2 + a^{-18} - a^{-22}x^2$
$KBSM(\overline{5_{79}}) = -a^{22}x^2 + a^{18}x^4 - a^{18}x^2 + a^{18} - a^{14}x^4 + a^{14}x^2 + a^{10}x^2 - a^6x^2 + a^6$
$KBSM(5_{80}) = a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^2$
$KBSM(\overline{5_{80}}) = a^2x^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(5_{81}) = -a^{-10}x^4 + 3a^{-10}x^2 - a^{-10} - a^{-14} + 2a^{-18}x^2 - a^{-18} - a^{-22}x^2 + a^{-26}$
$KBSM(\overline{5_{81}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - a^{18} - a^{14} - a^{10}x^4 + 3a^{10}x^2 - a^{10}$
$KBSM(5_{82}) = -a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^4 - a^{-10} - a^{-14}x^4 + a^{-14}x^2 + a^{-18}x^2$
$KBSM(\overline{5_{82}}) = a^{18}x^2 - a^{14}x^4 + a^{14}x^2 + a^{10}x^4 - a^{10} - a^6x^4 + 2a^6x^2 - a^6$
$KBSM(5_{83}) = -a^4x^3 + a^4x + x^5 - 2x^3 + 2x - a^{-4}x^5 + 2a^{-4}x^3 - a^{-4}x + a^{-8}x^3 - a^{-8}x$
$KBSM(\overline{5_{83}}) = a^8x^3 - a^8x - a^4x^5 + 2a^4x^3 - a^4x + x^5 - 2x^3 + 2x - a^{-4}x^3 + a^{-4}x$
$KBSM(5_{84}) = a^{-2}x^4 - 2a^{-2}x^2 + a^{-2} - 2a^{-6}x^4 + 3a^{-6}x^2 + 2a^{-10}x^4 - 3a^{-10}x^2 - a^{-12}x^4 + 3a^{-12}x^2 - a^{-12} - a^{-14}x^4 + 2a^{-14}x^2 - a^{-14} + a^{-16}x^2 - a^{-16} - a^{-18} + a^{-22}$
$KBSM(\overline{5_{84}}) = -a^{14}x^2 + 2a^{10}x^4 - 3a^{10}x^2 - 2a^6x^4 + 3a^6x^2 + a^2x^4 - 2a^2x^2 + a^2 - x^4 + 3x^2 - 1 - a^{-2}x^4 + 3a^{-2}x^2 - a^{-2} + a^{-4}x^2 - a^{-4} - a^{-6} + a^{-10}$
$KBSM(5_{85}) = a^{-14}x^4 - 3a^{-14}x^2 + a^{-14} - a^{-16}x^4 + 3a^{-16}x^2 - a^{-16} - a^{-18}x^4 + 3a^{-18}x^2 - a^{-18} + a^{-20}x^2 - a^{-20} - a^{-22} + a^{-26}$
$KBSM(\overline{5_{85}}) = a^{14}x^4 - 3a^{14}x^2 + a^{14} - a^4x^4 + 3a^4x^2 - a^4 - a^2x^4 + 3a^2x^2 - a^2 + x^2 - 1 - a^{-2} + a^{-6}$
$KBSM(5_{86}) = a^{14} - a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-2} - a^{-6}$
$KBSM(\overline{5_{86}}) = -a^6 + a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 + a^{-14}$
$KBSM(5_{87}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18} + a^{-26}$
$KBSM(\overline{5_{87}}) = a^{26} + a^{18} - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2 + a^6$
$KBSM(5_{88}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + a^{-18}x^2 - a^{-22} + a^{-26}$
$KBSM(\overline{5_{88}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2 + a^6$
$KBSM(5_{89}) = -a^{-6}x^2 + 2a^{-10}x^2 - 2a^{-10} - 2a^{-14}x^2 + a^{-18}x^2 - a^{-22} + a^{-26}$
$KBSM(\overline{5_{89}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + 2a^{10}x^2 - 2a^{10} - a^6x^2$
$KBSM(5_{90}) = -a^{-2} + a^{-6} - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}x^2 + a^{-22}x^2 - a^{-22}$
$KBSM(\overline{5_{90}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6 - a^2$
$KBSM(5_{91}) = -a^{-2} - a^{-10} - a^{-18}x^2 + a^{-18} + a^{-22}x^2 - a^{-22}$
$KBSM(\overline{5_{91}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{18} - a^{10} - a^2$
$KBSM(5_{92}) = a^{-4}x - 2a^{-8}x + a^{-12}x^3 + a^{-12}x - a^{-16}x^3 + 2a^{-20}x - a^{-24}x$
$KBSM(\overline{5_{92}}) = -a^{24}x + 2a^{20}x - a^{16}x^3 + a^{12}x^3 + a^{12}x - 2a^8x + a^4x$
$KBSM(5_{93}) = -a^{-10}x^2 + a^{-10} + a^{-30}$
$KBSM(\overline{5_{93}}) = a^{30} - a^{10}x^2 + a^{10}$
$KBSM(5_{94}) = -a^{-6} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}x^2 + a^{-26}x^2 - a^{-26}$
$KBSM(\overline{5_{94}}) = a^{26}x^2 - a^{26} - a^{22}x^2 + a^{18}x^2 - a^{14}x^2 - a^6$
$KBSM(5_{95}) = -a^{-6} - a^{-14}x^2 - a^{-14} + 2a^{-18}x^2 - a^{-18} - 2a^{-22}x^2 + a^{-22} + a^{-26}x^2$
$KBSM(\overline{5_{95}}) = a^{26}x^2 - 2a^{22}x^2 + a^{22} + 2a^{18}x^2 - a^{18} - a^{14}x^2 - a^{14} - a^6$

2.16 Knots in $L(11,1)$

$KBSM(0_1) = x$

$KBSM(1_1) = -a^{-2}x^2 + a^{-2} + a^{-6}$
$KBSM(\overline{1_1}) = a^6 - a^2x^2 + a^2$
$KBSM(2_1) = -a^{-2}x^2 + a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{2_1}) = -a^{10} + a^6x^2 - a^6 - a^2x^2$
$KBSM(*2_2) = -a^4x + x^3 - x - a^{-4}x$
$KBSM(2_3) = a^{-4}x^3 - 2a^{-4}x - a^{-8}x$
$KBSM(\overline{2_3}) = -a^8x + a^4x^3 - 2a^4x$
$KBSM(3_1) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-8}x + a^{-12}x$
$KBSM(\overline{3_1}) = a^{12}x - a^8x^3 + a^8x + a^4x^3 - a^4x$
$KBSM(3_2) = a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$
$KBSM(\overline{3_2}) = a^2x^2 - a^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2$
$KBSM(3_3) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{3_3}) = a^{14} - a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2$
$KBSM(3_4) = -a^4x + x^3 - a^{-4}x^3 + a^{-4}x + a^{-8}x$
$KBSM(\overline{3_4}) = a^8x - a^4x^3 + a^4x + x^3 - a^{-4}x$
$KBSM(3_5) = a^2x^2 - a^{-2}x^4 + a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{3_5}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^2x^2 + a^{-2}x^2$
$KBSM(3_6) = -a^{-6}x^4 + 3a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10}$
$KBSM(\overline{3_6}) = a^{10}x^2 - a^{10} - a^6x^4 + 3a^6x^2 - a^6$
$KBSM(3_7) = -a^{-6}x^2 + a^{-6} + a^{-18}$
$KBSM(\overline{3_7}) = a^{18} - a^6x^2 + a^6$
$KBSM(3_8) = -a^{-2} - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(\overline{3_8}) = a^{14}x^2 - a^{14} - a^{10}x^2 - a^2$
$KBSM(4_1) = -a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 2a^{-10}x^2 + a^{-10} - a^{-14}x^2 + a^{-14}$
$KBSM(\overline{4_1}) = -a^{14}x^2 + a^{14} + a^{10}x^4 - 2a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2$
$KBSM(4_2) = -a^8x^3 + a^8x + a^4x^5 - 3a^4x^3 + 2a^4x - x^3 + 2x$
$KBSM(\overline{4_2}) = -x^3 + 2x + a^{-4}x^5 - 3a^{-4}x^3 + 2a^{-4}x - a^{-8}x^3 + a^{-8}x$
$KBSM(4_3) = a^{-4}x^3 - 2a^{-8}x^3 + 2a^{-8}x + a^{-12}x^3 - a^{-16}x$
$KBSM(\overline{4_3}) = -a^{16}x + a^{12}x^3 - 2a^8x^3 + 2a^8x + a^4x^3$
$KBSM(4_4) = a^2x^2 - a^{-2}x^4 + a^{-2} + a^{-6}x^4 - a^{-6}x^2 + a^{-6} - a^{-10}x^2$
$KBSM(\overline{4_4}) = -a^{10}x^2 + a^6x^4 - a^6x^2 + a^6 - a^2x^4 + a^2 + a^{-2}x^2$
$KBSM(4_5) = -a^4x^3 + x^5 - 2x^3 + 2x - 2a^{-4}x^3 + 2a^{-4}x + a^{-8}x$
$KBSM(\overline{4_5}) = a^8x - 2a^4x^3 + 2a^4x + x^5 - 2x^3 + 2x - a^{-4}x^3$
$KBSM(4_6) = -a^{-6}x^2 + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{4_6}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2$
$KBSM(4_7) = a^{-4}x - a^{-8}x + a^{-12}x^3 - a^{-16}x^3 + a^{-20}x$
$KBSM(\overline{4_7}) = a^{20}x - a^{16}x^3 + a^{12}x^3 - a^8x + a^4x$
$KBSM(4_8) = -a^{16}x + a^{12}x - a^8x + a^4x^3 - a^4x - x$
$KBSM(\overline{4_8}) = -x + a^{-4}x^3 - a^{-4}x - a^{-8}x + a^{-12}x - a^{-16}x$
$KBSM(4_9) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2 + a^{-2}$
$KBSM(\overline{4_9}) = a^2 - a^{-2}x^2 + a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2$
$KBSM(4_{10}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{4_{10}}) = -a^{18} + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^2$
$KBSM(4_{11}) = -a^4x + x^3 - a^{-4}x^3 + a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(\overline{4_{11}}) = -a^{12}x + a^8x^3 - a^8x - a^4x^3 + x^3 - a^{-4}x$
$KBSM(4_{12}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 - 2a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{4_{12}}) = a^{14} - 2a^{10}x^2 + a^{10} + a^6x^4 - a^2x^4 + a^{-2}x^2$
$KBSM(*4_{13}) = a^8x - a^4x^3 + 2x^3 - x - a^{-4}x^3 + a^{-8}x$
$KBSM(*4_{14}) = a^8x - 2a^4x^3 + a^4x + x^5 - x^3 + x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x$
$KBSM(4_{15}) = -a^6x^2 + a^2x^4 - a^2x^2 - a^{-2}x^4 + 2a^{-6}x^2 - a^{-6} - a^{-10}$

$KBSM(\overline{4_{15}}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^2$
$KBSM(4_{16}) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-12}x^3 - a^{-12}x - a^{-16}x$
$KBSM(\overline{4_{16}}) = -a^{16}x + a^{12}x^3 - a^{12}x - a^8x^3 + a^4x^3 - a^4x$
$KBSM(4_{17}) = a^6x^2 - a^2x^4 + a^2x^2 + a^{-2}x^4 - 2a^{-2}x^2 + a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(\overline{4_{17}}) = -a^6x^2 + a^6 + a^2x^4 - 2a^2x^2 + a^2 - a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^2$
$KBSM(4_{18}) = -x^3 + x + a^{-4}x^5 - 2a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + 2a^{-8}x + a^{-12}x$
$KBSM(\overline{4_{18}}) = a^{12}x - 2a^8x^3 + 2a^8x + a^4x^5 - 2a^4x^3 + a^4x - x^3 + x$
$KBSM(4_{19}) = -a^{10}x^2 + a^6x^4 - a^6x^2 - a^2x^4 + a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$
$KBSM(\overline{4_{19}}) = a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-6}x^2 - a^{-10}x^2$
$KBSM(4_{20}) = -a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^4 - a^{-10}x^2 - a^{-10} - a^{-14}x^2$
$KBSM(\overline{4_{20}}) = -a^{14}x^2 + a^{10}x^4 - a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6$
$KBSM(*4_{21}) = -a^4x^3 + a^4x + x^5 - 3x^3 + 3x - a^{-4}x^3 + a^{-4}x$
$KBSM(4_{22}) = a^{-8}x^3 - 2a^{-8}x - a^{-16}x$
$KBSM(\overline{4_{22}}) = -a^{16}x + a^8x^3 - 2a^8x$
$KBSM(4_{23}) = -a^{12}x^3 + 2a^{12}x + a^8x^3 - a^8x$
$KBSM(\overline{4_{23}}) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(4_{24}) = a^{-8}x^5 - 4a^{-8}x^3 + 3a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(\overline{4_{24}}) = -a^{12}x^3 + 2a^{12}x + a^8x^5 - 4a^8x^3 + 3a^8x$
$KBSM(4_{25}) = -a^6x^2 + a^6 + a^2x^2 - a^2 - a^{-2} - a^{-10}$
$KBSM(\overline{4_{25}}) = -a^{10} - a^2 + a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(4_{26}) = -a^6x^2 + a^6 + a^2x^2 - a^{-2}x^2 + a^{-2} + a^{-6} - a^{-10}$
$KBSM(\overline{4_{26}}) = -a^{10} + a^6 - a^2x^2 + a^2 + a^{-2}x^2 - a^{-6}x^2 + a^{-6}$
$KBSM(*4_{27}) = a^8x - 2a^4x + x^3 - x - 2a^{-4}x + a^{-8}x$
$KBSM(5_1) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(\overline{5_1}) = -a^{12}x^3 + 2a^{12}x + a^8x^3 - a^8x$
$KBSM(5_2) = a^{-6} - a^{-10}x^4 + a^{-10}x^2 + a^{-14}x^4 - a^{-14}x^2 - a^{-18}x^2 + a^{-18}$
$KBSM(\overline{5_2}) = -a^{18}x^2 + a^{18} + a^{14}x^4 - a^{14}x^2 - a^{10}x^4 + a^{10}x^2 + a^6$
$KBSM(5_3) = -a^{12}x^3 + a^{12}x + 2a^8x^3 - 2a^8x - a^4x^3 + a^4x + x$
$KBSM(\overline{5_3}) = x - a^{-4}x^3 + a^{-4}x + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x^3 + a^{-12}x$
$KBSM(5_4) = a^{14}x^2 - a^{14} - a^6x^4 + 2a^6x^2 + a^2x^2 - a^2$
$KBSM(\overline{5_4}) = a^{-2}x^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(5_5) = a^{-8}x^5 - 3a^{-8}x^3 + a^{-8}x - a^{-12}x^5 + 3a^{-12}x^3 - 2a^{-12}x + a^{-16}x^3 - 2a^{-16}x$
$KBSM(\overline{5_5}) = a^{16}x^3 - 2a^{16}x - a^{12}x^5 + 3a^{12}x^3 - 2a^{12}x + a^8x^5 - 3a^8x^3 + a^8x$
$KBSM(5_6) = a^{10}x^4 - 2a^{10}x^2 - a^6x^4 + 2a^6x^2 - a^5x^5 + 4a^5x^3 - 3a^5x + ax^3 - 2ax$
$KBSM(\overline{5_6}) = a^{-2}x^4 - 3a^{-2}x^2 + a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 - a^{-7}x^5 + 4a^{-7}x^3 - 3a^{-7}x + a^{-10}x^2 - a^{-10} + a^{-11}x^3 - 2a^{-11}x$
$KBSM(5_7) = -a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^4 - 3a^{-10}x^2 - a^{-14}x^4 + a^{-14}x^2 - a^{-14} + a^{-18}x^2 - a^{-18}$
$KBSM(\overline{5_7}) = a^{18}x^2 - a^{18} - a^{14}x^4 + a^{14}x^2 - a^{14} + 2a^{10}x^4 - 3a^{10}x^2 - a^6x^4 + a^6x^2$
$KBSM(5_8) = -x^3 + x + a^{-4}x^5 - a^{-4}x^3 - a^{-4}x - a^{-8}x^5 + 2a^{-8}x^3 - 2a^{-8}x + a^{-12}x^3 - a^{-12}x$
$KBSM(\overline{5_8}) = a^{12}x^3 - a^{12}x - a^8x^5 + 2a^8x^3 - 2a^8x + a^4x^5 - a^4x^3 - a^4x - x^3 + x$
$KBSM(5_9) = a^6x^4 - a^6x^2 - 2a^2x^4 + 3a^2x^2 - a^2 - ax^5 + 4ax^3 - 3ax + a^{-2}x^4 - a^{-2}x^2 + a^{-3}x^3 - 2a^{-3}x - a^{-6}x^2 + a^{-6}$
$KBSM(\overline{5_9}) = -a^6x^2 + a^6 + 2a^2x^4 - 4a^2x^2 + a^2 - 2a^{-2}x^4 + 3a^{-2}x^2 - a^{-2} - a^{-3}x^5 + 4a^{-3}x^3 - 3a^{-3}x + 2a^{-6}x^2 - a^{-6} + a^{-7}x^3 - 2a^{-7}x$
$KBSM(5_{10}) = a^{-4}x^3 - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x^3 + a^{-20}x$
$KBSM(\overline{5_{10}}) = a^{20}x - a^{16}x^3 + 2a^{12}x^3 - a^{12}x - 2a^8x^3 + a^8x + a^4x^3$
$KBSM(5_{11}) = a^2x^2 - a^{-2}x^4 - a^{-2}x^2 + a^{-2} + 2a^{-6}x^4 - 2a^{-6}x^2 + a^{-6} - a^{-10}x^4 + a^{-14}x^2$
$KBSM(\overline{5_{11}}) = a^{14}x^2 - a^{10}x^4 + 2a^6x^4 - 2a^6x^2 + a^6 - a^2x^4 - a^2x^2 + a^2 + a^{-2}x^2$
$KBSM(5_{12}) = -x^3 + a^{-4}x^5 - a^{-4}x - a^{-8}x^5 + 2a^{-12}x^3 - a^{-12}x - a^{-16}x$
$KBSM(\overline{5_{12}}) = -a^{16}x + 2a^{12}x^3 - a^{12}x - a^8x^5 + a^4x^5 - a^4x - x^3$

$KBSM(5_{13}) = -a^6x^2 + a^2x^4 - a^2 - 2a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-10}x^2$
$KBSM(\overline{5_{13}}) = -a^{10}x^2 + a^6x^4 - 2a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^4 - a^{-2} - a^{-6}x^2$
$KBSM(5_{14}) = -a^4x^3 + x^5 - x^3 + x - a^{-4}x^5 + a^{-4}x^3 - a^{-4}x + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x$
$KBSM(\overline{5_{14}}) = -a^{12}x + 2a^8x^3 - 2a^8x - a^4x^5 + a^4x^3 - a^4x + x^5 - x^3 + x - a^{-4}x^3$
$KBSM(5_{15}) = -a^{10}x^2 + 2a^6x^4 - 2a^6x^2 + a^6 - 3a^2x^4 + 3a^2x^2 - ax^5 + 4ax^3 - 3ax + a^{-2}x^4 + a^{-2}x^2 - a^{-2} + a^{-3}x^3 - 2a^{-3}x - a^{-6}x^2$
$KBSM(\overline{5_{15}}) = -a^6x^2 + 2a^2x^4 - 2a^2x^2 - 3a^{-2}x^4 + 3a^{-2}x^2 - a^{-3}x^5 + 4a^{-3}x^3 - 3a^{-3}x + a^{-6}x^4 + a^{-6}x^2 + a^{-7}x^3 - 2a^{-7}x - a^{-10}x^2$
$KBSM(5_{16}) = a^8x^3 - a^4x^5 + a^4x^3 - a^4x + x^5 - 2a^{-4}x^3 + a^{-4}x + a^{-8}x$
$KBSM(\overline{5_{16}}) = a^8x - 2a^4x^3 + a^4x + x^5 - a^{-4}x^5 + a^{-4}x^3 - a^{-4}x + a^{-8}x^3$
$KBSM(5_{17}) = a^{14}x^2 - a^{10}x^4 + a^{10}x^2 - a^{10} + a^6x^4 + a^6x^2 - a^6 - a^2x^4 + a^{-2}x^2$
$KBSM(\overline{5_{17}}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 + a^{-6}x^2 - a^{-6} - a^{-10}x^4 + a^{-10}x^2 - a^{-10} + a^{-14}x^2$
$KBSM(5_{18}) = -a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^4 - 3a^{-10}x^2 + a^{-10} - a^{-14}x^4 + a^{-14} + a^{-18}x^2$
$KBSM(\overline{5_{18}}) = a^{18}x^2 - a^{14}x^4 + a^{14} + 2a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + a^6x^2$
$KBSM(5_{19}) = -a^4x^3 + x^5 - x^3 - a^{-4}x^5 + 2a^{-4}x^3 - 2a^{-4}x + a^{-8}x^3 - a^{-8}x$
$KBSM(\overline{5_{19}}) = a^8x^3 - a^8x - a^4x^5 + 2a^4x^3 - 2a^4x + x^5 - x^3 - a^{-4}x^3$
$KBSM(5_{20}) = a^2x^4 - a^2x^2 - 2a^{-2}x^4 + 2a^{-2}x^2 - a^{-3}x^5 + 4a^{-3}x^3 - 3a^{-3}x + a^{-6}x^4 + a^{-7}x^3 - 2a^{-7}x - a^{-10}x^2$
$KBSM(\overline{5_{20}}) = -a^{10}x^2 + 2a^6x^4 - 3a^6x^2 + a^6 - 2a^2x^4 + 2a^2x^2 - ax^5 + 4ax^3 - 3ax + 2a^{-2}x^2 - a^{-2} + a^{-3}x^3 - 2a^{-3}x$
$KBSM(5_{21}) = a^{12}x^3 - a^8x^5 + a^8x^3 + a^4x^5 - a^4x^3 - x^3 + x$
$KBSM(\overline{5_{21}}) = -x^3 + x + a^{-4}x^5 - a^{-4}x^3 - a^{-8}x^5 + a^{-8}x^3 + a^{-12}x^3$
$KBSM(5_{22}) = -a^6x^2 + a^2x^4 - a^2x^2 - a^{-2}x^4 + a^{-2} + a^{-6}x^2 + a^{-6}$
$KBSM(\overline{5_{22}}) = a^6x^2 + a^6 - a^2x^4 + a^2 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^2$
$KBSM(5_{23}) = -a^{12}x + a^8x^3 - a^8x - a^4x^3 + a^4x + 2x$
$KBSM(\overline{5_{23}}) = 2x - a^{-4}x^3 + a^{-4}x + a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(5_{24}) = -a^{-6}x^4 + 3a^{-6}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{5_{24}}) = -a^{18} + a^{14}x^2 - a^{14} - a^6x^4 + 3a^6x^2$
$KBSM(5_{25}) = -a^{-6}x^2 + 2a^{-10}x^2 - a^{-14}x^4 - a^{-14}x^2 + a^{-14} + a^{-18}x^4 + a^{-18}x^2 - 2a^{-22}x^2 + a^{-26}$
$KBSM(\overline{5_{25}}) = a^{26} - 2a^{22}x^2 + a^{18}x^4 + a^{18}x^2 - a^{14}x^4 - a^{14}x^2 + a^{14} + 2a^{10}x^2 - a^6x^2$
$KBSM(5_{26}) = -x + a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-16}x^3 - a^{-16}x + a^{-20}x$
$KBSM(\overline{5_{26}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - 2a^8x^3 + a^8x + a^4x^3 + a^4x - x$
$KBSM(5_{27}) = -x + a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-16}x^3 - a^{-16}x + a^{-20}x$
$KBSM(\overline{5_{27}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - 2a^8x^3 + a^8x + a^4x^3 + a^4x - x$
$KBSM(5_{28}) = a^{14}x^2 - 2a^{10}x^2 + 3a^6x^2 - a^6 - a^2x^4 + 2a^{-2}x^2 - a^{-6}$
$KBSM(\overline{5_{28}}) = -a^6 + 2a^2x^2 - a^{-2}x^4 + 3a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^2$
$KBSM(5_{29}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 - a^{-10} + a^{-14}$
$KBSM(\overline{5_{29}}) = a^{14} - a^{10}x^2 - a^{10} + 2a^6x^2 - a^6 - 2a^2x^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$
$KBSM(5_{30}) = a^8x - a^4x + 2x - a^{-4}x^3 + a^{-8}x^3 - a^{-12}x$
$KBSM(\overline{5_{30}}) = -a^{12}x + a^8x^3 - a^4x^3 + 2x - a^{-4}x + a^{-8}x$
$KBSM(5_{31}) = a^8x - 2a^4x + x^3 + x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x^3 + a^{-8}x - a^{-12}x$
$KBSM(\overline{5_{31}}) = -a^{12}x + a^8x^3 + a^8x - 2a^4x^3 + a^4x + x^3 + x - 2a^{-4}x + a^{-8}x$
$KBSM(5_{32}) = a^8x - 2a^4x + x^3 - a^{-4}x^3 - a^{-4}x + a^{-8}x^3 - a^{-12}x$
$KBSM(\overline{5_{32}}) = -a^{12}x + a^8x^3 - a^4x^3 - a^4x + x^3 - 2a^{-4}x + a^{-8}x$
$KBSM(5_{33}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + a^{-2} + a^{-6}x^2 + a^{-6} - a^{-10}x^2 + a^{-14}$
$KBSM(\overline{5_{33}}) = a^{14} - a^{10}x^2 + a^6x^2 + a^6 - 2a^2x^2 + a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$
$KBSM(5_{34}) = -a^6x^2 + 3a^2x^2 - a^2 - a^{-2}x^4 + 3a^{-6}x^2 - a^{-6} - a^{-10}x^2 - a^{-10} + a^{-14}$
$KBSM(\overline{5_{34}}) = a^{14} - a^{10}x^2 - a^{10} + 3a^6x^2 - a^6 - a^2x^4 + 3a^{-2}x^2 - a^{-2} - a^{-6}x^2$
$KBSM(5_{35}) = -a^{-6}x^2 + 2a^{-10}x^2 - a^{-10} - a^{-14}x^4 - a^{-14} + a^{-18}x^4 + a^{-18}x^2 - a^{-18} - 2a^{-22}x^2 + a^{-26}$
$KBSM(\overline{5_{35}}) = a^{26} - 2a^{22}x^2 + a^{18}x^4 + a^{18}x^2 - a^{18} - a^{14}x^4 - a^{14} + 2a^{10}x^2 - a^{10} - a^6x^2$
$KBSM(5_{36}) = -x + a^{-4}x^3 - a^{-8}x^3 - a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x^3 - a^{-16}x + a^{-20}x$

$KBSM(\overline{5_{36}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - a^{12}x - a^8x^3 - a^8x + a^4x^3 - x$
$KBSM(5_{37}) = a^{14}x^2 - 2a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-6}$
$KBSM(\overline{5_{37}}) = -a^6 + a^2x^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^2$
$KBSM(5_{38}) = -a^{-2} + a^{-6}x^2 - a^{-6} - a^{-10}x^4 + a^{-10}x^2 - a^{-10} + a^{-14}x^4 - a^{-14}x^2 - a^{-18}x^2 + a^{-18}$
$KBSM(\overline{5_{38}}) = -a^{18}x^2 + a^{18} + a^{14}x^4 - a^{14}x^2 - a^{10}x^4 + a^{10}x^2 - a^{10} + a^6x^2 - a^6 - a^2$
$KBSM(5_{39}) = -a^{12}x^3 + a^{12}x + 2a^8x^3 - 2a^8x - a^4x^3 + x^3 - x - a^{-4}x$
$KBSM(\overline{5_{39}}) = -a^4x + x^3 - x - a^{-4}x^3 + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x^3 + a^{-12}x$
$KBSM(5_{40}) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + a^{-12}x + a^{-16}x^3 - a^{-16}x - a^{-20}x^3 + a^{-20}x + a^{-24}x$
$KBSM(\overline{5_{40}}) = a^{24}x - a^{20}x^3 + a^{20}x + a^{16}x^3 - a^{16}x - a^{12}x^3 + a^{12}x + a^8x^3 - a^8x$
$KBSM(5_{41}) = a^{18} + a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6 + a^2x^2 - a^2$
$KBSM(\overline{5_{41}}) = a^{-2}x^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10} + a^{-18}$
$KBSM(5_{42}) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-12}x^3 - a^{-16}x^3 + a^{-16}x + a^{-20}x$
$KBSM(\overline{5_{42}}) = a^{20}x - a^{16}x^3 + a^{16}x + a^{12}x^3 - a^8x^3 + a^4x^3 - a^4x$
$KBSM(5_{43}) = a^6x^2 - a^2x^4 + a^2x^2 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10}$
$KBSM(\overline{5_{43}}) = a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6 + a^2x^4 - a^2x^2 - a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^2$
$KBSM(5_{44}) = -x^3 + x + a^{-4}x^5 - a^{-4}x^3 - a^{-8}x^5 + a^{-8}x^3 - a^{-8}x + 2a^{-12}x^3 - 2a^{-12}x - a^{-16}x$
$KBSM(\overline{5_{44}}) = -a^{16}x + 2a^{12}x^3 - 2a^{12}x - a^8x^5 + a^8x^3 - a^8x + a^4x^5 - a^4x^3 - x^3 + x$
$KBSM(5_{45}) = -a^{10}x^2 + a^6x^4 - 2a^2x^4 + 2a^2x^2 + a^{-2}x^4 - a^{-2}x^2 + a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(\overline{5_{45}}) = -a^6x^2 + a^6 + a^2x^4 - a^2x^2 + a^2 - 2a^{-2}x^4 + 2a^{-2}x^2 + a^{-6}x^4 - a^{-10}x^2$
$KBSM(5_{46}) = -x^3 + x + a^{-4}x^5 - a^{-4}x^3 + a^{-4}x - a^{-8}x^5 + a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x$
$KBSM(\overline{5_{46}}) = -a^{16}x + 2a^{12}x^3 - a^{12}x - a^8x^5 + a^8x + a^4x^5 - a^4x^3 + a^4x - x^3 + x$
$KBSM(5_{47}) = -a^{10}x^2 + 2a^6x^4 - 2a^6x^2 - 3a^2x^4 + 4a^2x^2 - a^2 - ax^5 + 4ax^3 - 3ax + a^{-2}x^4 + a^{-3}x^3 - 2a^{-3}x - a^{-6}x^2 + a^{-6}$
$KBSM(\overline{5_{47}}) = -a^6x^2 + a^6 + 2a^2x^4 - 3a^2x^2 + a^2 - 3a^{-2}x^4 + 4a^{-2}x^2 - a^{-2} - a^{-3}x^5 + 4a^{-3}x^3 - 3a^{-3}x + a^{-6}x^4 + a^{-6}x^2 - a^{-6} + a^{-7}x^3 - 2a^{-7}x - a^{-10}x^2$
$KBSM(5_{48}) = a^4x^3 - a^4x - x^5 + 2x^3 - x + a^{-4}x^5 - a^{-4}x^3 - 2a^{-8}x^3 + 2a^{-8}x + a^{-12}x$
$KBSM(\overline{5_{48}}) = a^{12}x - 2a^8x^3 + 2a^8x + a^4x^5 - a^4x^3 - x^5 + 2x^3 - x + a^{-4}x^3 - a^{-4}x$
$KBSM(5_{49}) = a^{14}x^2 - a^{10}x^4 + a^{10}x^2 + a^6x^4 - a^2x^4 + a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$
$KBSM(\overline{5_{49}}) = a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-10}x^4 + a^{-10}x^2 + a^{-14}x^2$
$KBSM(5_{50}) = -a^{-6}x^2 + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + 2a^{-18}x^2 - a^{-22}x^2 + a^{-26}$
$KBSM(\overline{5_{50}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2$
$KBSM(5_{51}) = a^{-4}x - a^{-8}x + a^{-12}x^3 + a^{-12}x - 2a^{-16}x^3 + a^{-16}x + a^{-20}x^3 - a^{-24}x$
$KBSM(\overline{5_{51}}) = -a^{24}x + a^{20}x^3 - 2a^{16}x^3 + a^{16}x + a^{12}x^3 + a^{12}x - a^8x + a^4x$
$KBSM(5_{52}) = -a^{16}x + a^{12}x - a^8x + a^4x^3 - x^3 + x + a^{-4}x$
$KBSM(\overline{5_{52}}) = a^4x - x^3 + x + a^{-4}x^3 - a^{-8}x + a^{-12}x - a^{-16}x$
$KBSM(5_{53}) = a^{-2}x^2 - a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{5_{53}}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + 2a^{10}x^2 - a^{10} - a^6x^4 + a^6x^2 + a^2x^2$
$KBSM(5_{54}) = a^{20}x - a^{16}x^3 + a^{12}x^3 + a^{12}x - a^8x^3 + a^4x^3 - x$
$KBSM(\overline{5_{54}}) = -x + a^{-4}x^3 - a^{-8}x^3 + a^{-12}x^3 + a^{-12}x - a^{-16}x^3 + a^{-20}x$
$KBSM(5_{55}) = -a^{18}x^2 + a^{14}x^4 - a^{10}x^4 - a^{10}x^2 + a^{10} + 2a^6x^2 - a^2x^2 + a^{-2}$
$KBSM(\overline{5_{55}}) = a^2 - a^{-2}x^2 + 2a^{-6}x^2 - a^{-10}x^4 - a^{-10}x^2 + a^{-10} + a^{-14}x^4 - a^{-18}x^2$
$KBSM(5_{56}) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + 2a^6x^2 - a^2x^4 + a^2x^2 - a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}$
$KBSM(\overline{5_{56}}) = -a^6 + 2a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + 2a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2$
$KBSM(5_{57}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-18}x^2 + a^{-18} + a^{-22}$
$KBSM(\overline{5_{57}}) = a^{22} - a^{18}x^2 + a^{18} + a^{14}x^2 - a^{10}x^2 + a^6x^2 - a^2x^2$
$KBSM(5_{58}) = -a^4x + x^3 - a^{-4}x^3 + a^{-8}x^3 - a^{-12}x^3 + a^{-12}x + a^{-16}x$
$KBSM(\overline{5_{58}}) = a^{16}x - a^{12}x^3 + a^{12}x + a^8x^3 - a^4x^3 + x^3 - a^{-4}x$
$KBSM(5_{59}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 + a^{-6}x^2 - a^{-10}x^4 + 2a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{5_{59}}) = -a^{18} + 2a^{14}x^2 - a^{14} - a^{10}x^4 + a^6x^4 + a^6x^2 - a^2x^4 + a^{-2}x^2$
$KBSM(5_{60}) = a^8x - a^4x^3 + 2x^3 - 2a^{-4}x^3 + a^{-4}x + a^{-8}x^3 - a^{-12}x$

$KBSM(\overline{5_{60}}) = -a^{12}x + a^8x^3 - 2a^4x^3 + a^4x + 2x^3 - a^{-4}x^3 + a^{-8}x$
$KBSM(5_{61}) = a^2x^2 - a^{-2}x^4 - a^{-2}x^2 + 2a^{-6}x^4 - a^{-6}x^2 - a^{-10}x^4 - a^{-10}x^2 + 2a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{5_{61}}) = -a^{18} + 2a^{14}x^2 - a^{14} - a^{10}x^4 - a^{10}x^2 + 2a^6x^4 - a^6x^2 - a^2x^4 - a^2x^2 + a^{-2}x^2$
$KBSM(5_{62}) = a^8x - 2a^4x^3 + x^5 + x^3 - x - a^{-4}x^5 - a^{-4}x + 2a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(\overline{5_{62}}) = -a^{12}x + 2a^8x^3 - a^8x - a^4x^5 - a^4x + x^5 + x^3 - x - 2a^{-4}x^3 + a^{-8}x$
$KBSM(5_{63}) = -a^6x^2 + a^2x^4 - 2a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^4 + a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{5_{63}}) = a^{14} - 2a^{10}x^2 + a^{10} + a^6x^4 + a^6x^2 - 2a^2x^4 + a^2x^2 + a^{-2}x^4 - a^{-6}x^2$
$KBSM(5_{64}) = a^8x - 2a^4x^3 + a^4x + x^5 + x - a^{-4}x^5 + 2a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(\overline{5_{64}}) = -a^{12}x + 2a^8x^3 - a^8x - a^4x^5 + x^5 + x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x$
$KBSM(5_{65}) = -a^6x^2 + 2a^2x^4 - a^2x^2 - 4a^{-2}x^4 + 4a^{-2}x^2 - a^{-2} - a^{-3}x^5 + 4a^{-3}x^3 - 3a^{-3}x + 2a^{-6}x^4 + a^{-6}x^2 - a^{-6} + a^{-7}x^3 - 2a^{-7}x - 3a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{5_{65}}) = a^{14} - 3a^{10}x^2 + a^{10} + 3a^6x^4 - 2a^6x^2 - 4a^2x^4 + 4a^2x^2 - a^2 - ax^5 + 4ax^3 - 3ax + a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-3}x^3 - 2a^{-3}x - a^{-6}x^2$
$KBSM(5_{66}) = a^{10}x^2 - a^6x^4 + a^6x^2 + a^2x^4 - a^{-2}x^4 + 2a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{5_{66}}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^{-2}x^4 - a^{-6}x^4 + a^{-6}x^2 + a^{-10}x^2$
$KBSM(5_{67}) = -a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - a^{-10}x^2 - a^{-14}x^4 + 2a^{-14}x^2 - a^{-14} + a^{-18}x^2 - a^{-18}$
$KBSM(\overline{5_{67}}) = a^{18}x^2 - a^{18} - a^{14}x^4 + 2a^{14}x^2 - a^{14} + a^{10}x^4 - a^{10}x^2 - a^6x^4 + 2a^6x^2$
$KBSM(5_{68}) = -a^8x^3 + a^8x + a^4x^5 - 2a^4x^3 - x^5 + 3x^3 - 2x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(\overline{5_{68}}) = a^4x^3 - 2a^4x - x^5 + 3x^3 - 2x + a^{-4}x^5 - 2a^{-4}x^3 - a^{-8}x^3 + a^{-8}x$
$KBSM(5_{69}) = a^{-2}x^4 - 2a^{-2}x^2 - 2a^{-6}x^4 + 4a^{-6}x^2 - a^{-6} - a^{-7}x^5 + 4a^{-7}x^3 - 3a^{-7}x + a^{-10}x^4 - a^{-10}x^2 + a^{-11}x^3 - 2a^{-11}x - a^{-14}x^2 + a^{-14}$
$KBSM(\overline{5_{69}}) = -a^{14}x^2 + a^{14} + 2a^{10}x^4 - 4a^{10}x^2 + a^{10} - 2a^6x^4 + 4a^6x^2 - a^6 - a^5x^5 + 4a^5x^3 - 3a^5x + a^2x^2 - a^2 + ax^3 - 2ax$
$KBSM(5_{70}) = a^{12}x^3 - a^{12}x - a^8x^5 + 2a^8x^3 - a^8x + a^4x^5 - 2a^4x^3 + a^4x - x^3 + 2x$
$KBSM(\overline{5_{70}}) = -x^3 + 2x + a^{-4}x^5 - 2a^{-4}x^3 + a^{-4}x - a^{-8}x^5 + 2a^{-8}x^3 - a^{-8}x + a^{-12}x^3 - a^{-12}x$
$KBSM(5_{71}) = a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2 - a^2 + a^{-2}x^2 - a^{-2} - a^{-6}$
$KBSM(\overline{5_{71}}) = -a^6 + a^2x^2 - a^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 3a^{-10}x^2 + a^{-10}$
$KBSM(5_{72}) = a^{-8}x^5 - 3a^{-8}x^3 + 2a^{-8}x - a^{-12}x^5 + 2a^{-12}x^3 + a^{-16}x^3 - a^{-16}x$
$KBSM(\overline{5_{72}}) = a^{16}x^3 - a^{16}x - a^{12}x^5 + 2a^{12}x^3 + a^8x^5 - 3a^8x^3 + 2a^8x$
$KBSM(5_{73}) = a^6x^4 - 2a^6x^2 + a^6 - a^2x^4 + a^2x^2 - ax^5 + 4ax^3 - 3ax + a^{-2}x^2 - a^{-2} + a^{-3}x^3 - 2a^{-3}x$
$KBSM(\overline{5_{73}}) = a^2x^4 - 2a^2x^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-3}x^5 + 4a^{-3}x^3 - 3a^{-3}x + a^{-6}x^2 + a^{-7}x^3 - 2a^{-7}x$
$KBSM(5_{74}) = -a^{-10}x^4 + 3a^{-10}x^2 - a^{-10} + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{5_{74}}) = -a^{22} + a^{18}x^2 - a^{10}x^4 + 3a^{10}x^2 - a^{10}$
$KBSM(5_{75}) = a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2 + a^{-2}$
$KBSM(\overline{5_{75}}) = a^2 - a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 3a^{-10}x^2 + a^{-10}$
$KBSM(5_{76}) = a^4x^3 - 2a^4x - x^3 + x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(\overline{5_{76}}) = a^4x^3 - 2a^4x - x^3 + x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(5_{77}) = -a^6x^2 + a^6 + 2a^2x^2 - a^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2 - a^{-10}$
$KBSM(\overline{5_{77}}) = -a^{10} + a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(5_{78}) = a^4x^3 - 2a^4x - x^3 + 2x + a^{-8}x$
$KBSM(\overline{5_{78}}) = a^8x - x^3 + 2x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(5_{79}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - a^{-14}x^4 + a^{-14}x^2 + a^{-18}x^4 - a^{-18}x^2 + a^{-18} - a^{-22}x^2$
$KBSM(\overline{5_{79}}) = -a^{22}x^2 + a^{18}x^4 - a^{18}x^2 + a^{18} - a^{14}x^4 + a^{14}x^2 + a^{10}x^2 - a^6x^2 + a^6$
$KBSM(5_{80}) = a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^2$
$KBSM(\overline{5_{80}}) = a^2x^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(5_{81}) = -a^{-10}x^4 + 3a^{-10}x^2 - a^{-10} - a^{-14} + 2a^{-18}x^2 - a^{-18} - a^{-22}x^2 + a^{-26}$
$KBSM(\overline{5_{81}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - a^{18} - a^{14} - a^{10}x^4 + 3a^{10}x^2 - a^{10}$
$KBSM(5_{82}) = -a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^4 - a^{-10} - a^{-14}x^4 + a^{-14}x^2 + a^{-18}x^2$
$KBSM(\overline{5_{82}}) = a^{18}x^2 - a^{14}x^4 + a^{14}x^2 + a^{10}x^4 - a^{10} - a^6x^4 + 2a^6x^2 - a^6$
$KBSM(5_{83}) = -a^4x^3 + a^4x + x^5 - 2x^3 + 2x - a^{-4}x^5 + 2a^{-4}x^3 - a^{-4}x + a^{-8}x^3 - a^{-8}x$

$KBSM(\overline{5_{83}}) = a^8x^3 - a^8x - a^4x^5 + 2a^4x^3 - a^4x + x^5 - 2x^3 + 2x - a^{-4}x^3 + a^{-4}x$
$KBSM(5_{84}) = a^{-2}x^4 - 2a^{-2}x^2 + a^{-2} - 2a^{-6}x^4 + 3a^{-6}x^2 - a^{-7}x^5 + 4a^{-7}x^3 - 3a^{-7}x + a^{-10}x^4 - a^{-10} + a^{-11}x^3 - 2a^{-11}x - a^{-14}x^2$
$KBSM(\overline{5_{84}}) = -a^{14}x^2 + 2a^{10}x^4 - 3a^{10}x^2 - 2a^6x^4 + 3a^6x^2 - a^5x^5 + 4a^5x^3 - 3a^5x + a^2x^2 + ax^3 - 2ax$
$KBSM(\overline{5_{85}}) = a^{14}x^4 - 3a^{14}x^2 + a^{14} - a^9x^5 + 4a^9x^3 - 3a^9x - a^6x^4 + 3a^6x^2 - a^6 + a^5x^3 - 2a^5x$
$KBSM(5_{86}) = a^{14} - a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-2} - a^{-6}$
$KBSM(\overline{5_{86}}) = -a^6 + a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 + a^{-14}$
$KBSM(5_{87}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18} + a^{-26}$
$KBSM(\overline{5_{87}}) = a^{26} + a^{18} - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2 + a^6$
$KBSM(5_{88}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + a^{-18}x^2 - a^{-22} + a^{-26}$
$KBSM(\overline{5_{88}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2 + a^6$
$KBSM(5_{89}) = -a^{-6}x^2 + 2a^{-10}x^2 - 2a^{-10} - 2a^{-14}x^2 + a^{-18}x^2 - a^{-22} + a^{-26}$
$KBSM(\overline{5_{89}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + 2a^{10}x^2 - 2a^{10} - a^6x^2$
$KBSM(5_{90}) = -a^{-2} + a^{-6} - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}x^2 + a^{-22}x^2 - a^{-22}$
$KBSM(\overline{5_{90}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6 - a^2$
$KBSM(5_{91}) = -a^{-2} - a^{-10} - a^{-18}x^2 + a^{-18} + a^{-22}x^2 - a^{-22}$
$KBSM(\overline{5_{91}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{18} - a^{10} - a^2$
$KBSM(5_{92}) = a^{-4}x - 2a^{-8}x + a^{-12}x^3 + a^{-12}x - a^{-16}x^3 + 2a^{-20}x - a^{-24}x$
$KBSM(\overline{5_{92}}) = -a^{24}x + 2a^{20}x - a^{16}x^3 + a^{12}x^3 + a^{12}x - 2a^8x + a^4x$
$KBSM(5_{93}) = -a^{-10}x^2 + a^{-10} + a^{-30}$
$KBSM(\overline{5_{93}}) = a^{30} - a^{10}x^2 + a^{10}$
$KBSM(5_{94}) = -a^{-6} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}x^2 + a^{-26}x^2 - a^{-26}$
$KBSM(\overline{5_{94}}) = a^{26}x^2 - a^{26} - a^{22}x^2 + a^{18}x^2 - a^{14}x^2 - a^6$
$KBSM(5_{95}) = -a^{-6} - a^{-14}x^2 - a^{-14} + 2a^{-18}x^2 - a^{-18} - 2a^{-22}x^2 + a^{-22} + a^{-26}x^2$
$KBSM(\overline{5_{95}}) = a^{26}x^2 - 2a^{22}x^2 + a^{22} + 2a^{18}x^2 - a^{18} - a^{14}x^2 - a^{14} - a^6$

2.17 Knots in $L(11, 2)$

$KBSM(0_1) = x$
$KBSM(1_1) = -a^{-2}x^2 + a^{-2} + a^{-6}$
$KBSM(\overline{1_1}) = a^6 - a^2x^2 + a^2$
$KBSM(2_1) = -a^{-2}x^2 + a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{2_1}) = -a^{10} + a^6x^2 - a^6 - a^2x^2$
$KBSM(*2_2) = -a^4x + x^3 - x - a^{-4}x$
$KBSM(2_3) = a^{-4}x^3 - 2a^{-4}x - a^{-8}x$
$KBSM(\overline{2_3}) = -a^8x + a^4x^3 - 2a^4x$
$KBSM(3_1) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-8}x + a^{-12}x$
$KBSM(\overline{3_1}) = a^{12}x - a^8x^3 + a^8x + a^4x^3 - a^4x$
$KBSM(3_2) = a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$
$KBSM(\overline{3_2}) = a^2x^2 - a^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2$
$KBSM(3_3) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{3_3}) = a^{14} - a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2$
$KBSM(3_4) = -a^4x + x^3 - a^{-4}x^3 + a^{-4}x + a^{-8}x$
$KBSM(\overline{3_4}) = a^8x - a^4x^3 + a^4x + x^3 - a^{-4}x$
$KBSM(3_5) = a^2x^2 - a^{-2}x^4 + a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{3_5}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^2x^2 + a^{-2}x^2$
$KBSM(3_6) = -a^{-6}x^4 + 3a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10}$
$KBSM(\overline{3_6}) = a^{10}x^2 - a^{10} - a^6x^4 + 3a^6x^2 - a^6$
$KBSM(3_7) = -a^{-6}x^2 + a^{-6} + a^{-18}$

$KBSM(\overline{3_7}) = a^{18} - a^6x^2 + a^6$
$KBSM(3_8) = -a^{-2} - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(\overline{3_8}) = a^{14}x^2 - a^{14} - a^{10}x^2 - a^2$
$KBSM(4_1) = -a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 2a^{-10}x^2 + a^{-10} - a^{-14}x^2 + a^{-14}$
$KBSM(\overline{4_1}) = -a^{14}x^2 + a^{14} + a^{10}x^4 - 2a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2$
$KBSM(4_2) = -a^8x^3 + a^8x + a^4x^5 - 3a^4x^3 + 2a^4x - x^3 + 2x$
$KBSM(\overline{4_2}) = -x^3 + 2x + a^{-4}x^5 - 3a^{-4}x^3 + 2a^{-4}x - a^{-8}x^3 + a^{-8}x$
$KBSM(4_3) = a^{-4}x^3 - 2a^{-8}x^3 + 2a^{-8}x + a^{-12}x^3 - a^{-16}x$
$KBSM(\overline{4_3}) = -a^{16}x + a^{12}x^3 - 2a^8x^3 + 2a^8x + a^4x^3$
$KBSM(4_4) = a^2x^2 - a^{-2}x^4 + a^{-2} + a^{-6}x^4 - a^{-6}x^2 + a^{-6} - a^{-10}x^2$
$KBSM(\overline{4_4}) = -a^{10}x^2 + a^6x^4 - a^6x^2 + a^6 - a^2x^4 + a^2 + a^{-2}x^2$
$KBSM(4_5) = -a^4x^3 + x^5 - 2x^3 + 2x - 2a^{-4}x^3 + 2a^{-4}x + a^{-8}x$
$KBSM(\overline{4_5}) = a^8x - 2a^4x^3 + 2a^4x + x^5 - 2x^3 + 2x - a^{-4}x^3$
$KBSM(4_6) = -a^{-6}x^2 + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{4_6}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2$
$KBSM(4_7) = a^{-4}x - a^{-8}x + a^{-12}x^3 - a^{-16}x^3 + a^{-20}x$
$KBSM(\overline{4_7}) = a^{20}x - a^{16}x^3 + a^{12}x^3 - a^8x + a^4x$
$KBSM(4_8) = -a^{16}x + a^{12}x - a^8x + a^4x^3 - a^4x - x$
$KBSM(\overline{4_8}) = -x + a^{-4}x^3 - a^{-4}x - a^{-8}x + a^{-12}x - a^{-16}x$
$KBSM(4_9) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2 + a^{-2}$
$KBSM(\overline{4_9}) = a^2 - a^{-2}x^2 + a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2$
$KBSM(4_{10}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{4_{10}}) = -a^{18} + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^2$
$KBSM(4_{11}) = -a^4x + x^3 - a^{-4}x^3 + a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(\overline{4_{11}}) = -a^{12}x + a^8x^3 - a^8x - a^4x^3 + x^3 - a^{-4}x$
$KBSM(4_{12}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 - 2a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{4_{12}}) = a^{14} - 2a^{10}x^2 + a^{10} + a^6x^4 - a^2x^4 + a^{-2}x^2$
$KBSM(*4_{13}) = a^8x - a^4x^3 + 2x^3 - x - a^{-4}x^3 + a^{-8}x$
$KBSM(*4_{14}) = a^8x - 2a^4x^3 + a^4x + x^5 - x^3 + x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x$
$KBSM(4_{15}) = -a^6x^2 + a^2x^4 - a^2x^2 - a^{-2}x^4 + 2a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{4_{15}}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^2$
$KBSM(4_{16}) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-12}x^3 - a^{-12}x - a^{-16}x$
$KBSM(\overline{4_{16}}) = -a^{16}x + a^{12}x^3 - a^{12}x - a^8x^3 + a^4x^3 - a^4x$
$KBSM(4_{17}) = a^6x^2 - a^2x^4 + a^2x^2 + a^{-2}x^4 - 2a^{-2}x^2 + a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(\overline{4_{17}}) = -a^6x^2 + a^6 + a^2x^4 - 2a^2x^2 + a^2 - a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^2$
$KBSM(4_{18}) = -x^3 + x + a^{-4}x^5 - 2a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + 2a^{-8}x + a^{-12}x$
$KBSM(\overline{4_{18}}) = a^{12}x - 2a^8x^3 + 2a^8x + a^4x^5 - 2a^4x^3 + a^4x - x^3 + x$
$KBSM(4_{19}) = -a^{10}x^2 + a^6x^4 - a^6x^2 - a^2x^4 + a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$
$KBSM(\overline{4_{19}}) = a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-6}x^2 - a^{-10}x^2$
$KBSM(4_{20}) = -a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^4 - a^{-10}x^2 - a^{-10} - a^{-14}x^2$
$KBSM(\overline{4_{20}}) = -a^{14}x^2 + a^{10}x^4 - a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6$
$KBSM(*4_{21}) = -a^4x^3 + a^4x + x^5 - 3x^3 + 3x - a^{-4}x^3 + a^{-4}x$
$KBSM(4_{22}) = a^{-8}x^3 - 2a^{-8}x - a^{-16}x$
$KBSM(\overline{4_{22}}) = -a^{16}x + a^8x^3 - 2a^8x$
$KBSM(4_{23}) = -a^{12}x^3 + 2a^{12}x + a^8x^3 - a^8x$
$KBSM(\overline{4_{23}}) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(4_{24}) = a^{-8}x^5 - 4a^{-8}x^3 + 3a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(\overline{4_{24}}) = -a^{12}x^3 + 2a^{12}x + a^8x^5 - 4a^8x^3 + 3a^8x$
$KBSM(4_{25}) = -a^6x^2 + a^6 + a^2x^2 - a^2 - a^{-2} - a^{-10}$
$KBSM(\overline{4_{25}}) = -a^{10} - a^2 + a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6}$

$KBSM(4_{26}) = -a^6x^2 + a^6 + a^2x^2 - a^{-2}x^2 + a^{-2} + a^{-6} - a^{-10}$
$KBSM(\overline{4_{26}}) = -a^{10} + a^6 - a^2x^2 + a^2 + a^{-2}x^2 - a^{-6}x^2 + a^{-6}$
$KBSM(*4_{27}) = a^8x - 2a^4x + x^3 - x - 2a^{-4}x + a^{-8}x$
$KBSM(5_1) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(\overline{5_1}) = -a^{12}x^3 + 2a^{12}x + a^8x^3 - a^8x$
$KBSM(5_2) = a^{-6} - a^{-10}x^4 + a^{-10}x^2 + a^{-14}x^4 - a^{-14}x^2 - a^{-18}x^2 + a^{-18}$
$KBSM(\overline{5_2}) = -a^{18}x^2 + a^{18} + a^{14}x^4 - a^{14}x^2 - a^{10}x^4 + a^{10}x^2 + a^6$
$KBSM(5_3) = -a^{12}x^3 + a^{12}x + 2a^8x^3 - 2a^8x - a^4x^3 + a^4x + x$
$KBSM(\overline{5_3}) = x - a^{-4}x^3 + a^{-4}x + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x^3 + a^{-12}x$
$KBSM(5_4) = a^{14}x^2 - a^{14} - a^6x^4 + 2a^6x^2 + a^2x^2 - a^2$
$KBSM(\overline{5_4}) = a^{-2}x^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(5_5) = a^{-8}x^5 - 3a^{-8}x^3 + a^{-8}x - a^{-12}x^5 + 3a^{-12}x^3 - 2a^{-12}x + a^{-16}x^3 - 2a^{-16}x$
$KBSM(\overline{5_5}) = a^{16}x^3 - 2a^{16}x - a^{12}x^5 + 3a^{12}x^3 - 2a^{12}x + a^8x^5 - 3a^8x^3 + a^8x$
$KBSM(5_6) = a^{10}x^4 - 2a^{10}x^2 - a^6x^4 + 2a^6x^2 + a^2x^5 - 4a^2x^3 + 3a^2x - a^{-2}x^3 + 2a^{-2}x$
$KBSM(\overline{5_6}) = a^{-2}x^4 - 3a^{-2}x^2 + a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^5 - 4a^{-10}x^3 + a^{-10}x^2 + 3a^{-10}x - a^{-10} - a^{-14}x^3 + 2a^{-14}x$
$KBSM(5_7) = -a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^4 - 3a^{-10}x^2 - a^{-14}x^4 + a^{-14}x^2 - a^{-14} + a^{-18}x^2 - a^{-18}$
$KBSM(\overline{5_7}) = a^{18}x^2 - a^{18} - a^{14}x^4 + a^{14}x^2 - a^{14} + 2a^{10}x^4 - 3a^{10}x^2 - a^6x^4 + a^6x^2$
$KBSM(5_8) = -x^3 + x + a^{-4}x^5 - a^{-4}x^3 - a^{-4}x - a^{-8}x^5 + 2a^{-8}x^3 - 2a^{-8}x + a^{-12}x^3 - a^{-12}x$
$KBSM(\overline{5_8}) = a^{12}x^3 - a^{12}x - a^8x^5 + 2a^8x^3 - 2a^8x + a^4x^5 - a^4x^3 - a^4x - x^3 + x$
$KBSM(5_9) = a^6x^4 - a^6x^2 - 2a^2x^4 + 3a^2x^2 - a^2 + a^{-2}x^5 + a^{-2}x^4 - 4a^{-2}x^3 - a^{-2}x^2 + 3a^{-2}x - a^{-6}x^3 - a^{-6}x^2 + 2a^{-6}x + a^{-6}$
$KBSM(\overline{5_9}) = -a^6x^2 + a^6 + 2a^2x^4 - 4a^2x^2 + a^2 - 2a^{-2}x^4 + 3a^{-2}x^2 - a^{-2} + a^{-6}x^5 - 4a^{-6}x^3 + 2a^{-6}x^2 + 3a^{-6}x - a^{-6} - a^{-10}x^3 + 2a^{-10}x$
$KBSM(5_{10}) = a^{-4}x^3 - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x^3 + a^{-20}x$
$KBSM(\overline{5_{10}}) = a^{20}x - a^{16}x^3 + 2a^{12}x^3 - a^{12}x - 2a^8x^3 + a^8x + a^4x^3$
$KBSM(5_{11}) = a^2x^2 - a^{-2}x^4 - a^{-2}x^2 + a^{-2} + 2a^{-6}x^4 - 2a^{-6}x^2 + a^{-6} - a^{-10}x^4 + a^{-14}x^2$
$KBSM(\overline{5_{11}}) = a^{14}x^2 - a^{10}x^4 + 2a^6x^4 - 2a^6x^2 + a^6 - a^2x^4 - a^2x^2 + a^2 + a^{-2}x^2$
$KBSM(5_{12}) = -x^3 + a^{-4}x^5 - a^{-4}x - a^{-8}x^5 + 2a^{-12}x^3 - a^{-12}x - a^{-16}x$
$KBSM(\overline{5_{12}}) = -a^{16}x + 2a^{12}x^3 - a^{12}x - a^8x^5 + a^4x^5 - a^4x - x^3$
$KBSM(5_{13}) = -a^6x^2 + a^2x^4 - a^2 - 2a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-10}x^2$
$KBSM(\overline{5_{13}}) = -a^{10}x^2 + a^6x^4 - 2a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^4 - a^{-2} - a^{-6}x^2$
$KBSM(5_{14}) = -a^4x^3 + x^5 - x^3 + x - a^{-4}x^5 + a^{-4}x^3 - a^{-4}x + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x$
$KBSM(\overline{5_{14}}) = -a^{12}x + 2a^8x^3 - 2a^8x - a^4x^5 + a^4x^3 - a^4x + x^5 - x^3 + x - a^{-4}x^3$
$KBSM(5_{15}) = -a^{10}x^2 + 2a^6x^4 - 2a^6x^2 + a^6 - 3a^2x^4 + 3a^2x^2 + a^{-2}x^5 + a^{-2}x^4 - 4a^{-2}x^3 + a^{-2}x^2 + 3a^{-2}x - a^{-2} - a^{-6}x^3 - a^{-6}x^2 + 2a^{-6}x$
$KBSM(\overline{5_{15}}) = -a^6x^2 + 2a^2x^4 - 2a^2x^2 - 3a^{-2}x^4 + 3a^{-2}x^2 + a^{-6}x^5 + a^{-6}x^4 - 4a^{-6}x^3 + a^{-6}x^2 + 3a^{-6}x - a^{-10}x^3 - a^{-10}x^2 + 2a^{-10}x$
$KBSM(5_{16}) = a^8x^3 - a^4x^5 + a^4x^3 - a^4x + x^5 - 2a^{-4}x^3 + a^{-4}x + a^{-8}x$
$KBSM(\overline{5_{16}}) = a^8x - 2a^4x^3 + a^4x + x^5 - a^{-4}x^5 + a^{-4}x^3 - a^{-4}x + a^{-8}x^3$
$KBSM(5_{17}) = a^{14}x^2 - a^{10}x^4 + a^{10}x^2 - a^{10} + a^6x^4 + a^6x^2 - a^6 - a^2x^4 + a^{-2}x^2$
$KBSM(\overline{5_{17}}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 + a^{-6}x^2 - a^{-6} - a^{-10}x^4 + a^{-10}x^2 - a^{-10} + a^{-14}x^2$
$KBSM(5_{18}) = -a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^4 - 3a^{-10}x^2 + a^{-10} - a^{-14}x^4 + a^{-14} + a^{-18}x^2$
$KBSM(\overline{5_{18}}) = a^{18}x^2 - a^{14}x^4 + a^{14} + 2a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + a^6x^2$
$KBSM(5_{19}) = -a^4x^3 + x^5 - x^3 - a^{-4}x^5 + 2a^{-4}x^3 - 2a^{-4}x + a^{-8}x^3 - a^{-8}x$
$KBSM(\overline{5_{19}}) = a^8x^3 - a^8x - a^4x^5 + 2a^4x^3 - 2a^4x + x^5 - x^3 - a^{-4}x^3$
$KBSM(5_{20}) = a^2x^4 - a^2x^2 - 2a^{-2}x^4 + 2a^{-2}x^2 + a^{-6}x^5 + a^{-6}x^4 - 4a^{-6}x^3 + 3a^{-6}x - a^{-10}x^3 - a^{-10}x^2 + 2a^{-10}x$
$KBSM(\overline{5_{20}}) = -a^{10}x^2 + 2a^6x^4 - 3a^6x^2 + a^6 - 2a^2x^4 + 2a^2x^2 + a^{-2}x^5 - 4a^{-2}x^3 + 2a^{-2}x^2 + 3a^{-2}x - a^{-2} - a^{-6}x^3 + 2a^{-6}x$

$KBSM(5_{21}) = a^{12}x^3 - a^8x^5 + a^8x^3 + a^4x^5 - a^4x^3 - x^3 + x$

$KBSM(\overline{5_{21}}) = -x^3 + x + a^{-4}x^5 - a^{-4}x^3 - a^{-8}x^5 + a^{-8}x^3 + a^{-12}x^3$

$KBSM(5_{22}) = -a^6x^2 + a^2x^4 - a^2x^2 - a^{-2}x^4 + a^{-2} + a^{-6}x^2 + a^{-6}$

$KBSM(\overline{5_{22}}) = a^6x^2 + a^6 - a^2x^4 + a^2 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^2$

$KBSM(5_{23}) = -a^{12}x + a^8x^3 - a^8x - a^4x^3 + a^4x + 2x$

$KBSM(\overline{5_{23}}) = 2x - a^{-4}x^3 + a^{-4}x + a^{-8}x^3 - a^{-8}x - a^{-12}x$

$KBSM(5_{24}) = -a^{-6}x^4 + 3a^{-6}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}$

$KBSM(\overline{5_{24}}) = -a^{18} + a^{14}x^2 - a^{14} - a^6x^4 + 3a^6x^2$

$KBSM(5_{25}) = -a^{-6}x^2 + 2a^{-10}x^2 - a^{-14}x^4 - a^{-14}x^2 + a^{-14} + a^{-18}x^4 + a^{-18}x^2 - 2a^{-22}x^2 + a^{-26}$

$KBSM(\overline{5_{25}}) = a^{26} - 2a^{22}x^2 + a^{18}x^4 + a^{18}x^2 - a^{14}x^4 - a^{14}x^2 + a^{14} + 2a^{10}x^2 - a^6x^2$

$KBSM(5_{26}) = -x + a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-16}x^3 - a^{-16}x + a^{-20}x$

$KBSM(\overline{5_{26}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - 2a^8x^3 + a^8x + a^4x^3 + a^4x - x$

$KBSM(5_{27}) = -x + a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-16}x^3 - a^{-16}x + a^{-20}x$

$KBSM(\overline{5_{27}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - 2a^8x^3 + a^8x + a^4x^3 + a^4x - x$

$KBSM(5_{28}) = a^{14}x^2 - 2a^{10}x^2 + 3a^6x^2 - a^6 - a^2x^4 + 2a^{-2}x^2 - a^{-6}$

$KBSM(\overline{5_{28}}) = -a^6 + 2a^2x^2 - a^{-2}x^4 + 3a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^2$

$KBSM(5_{29}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 - a^{-10} + a^{-14}$

$KBSM(\overline{5_{29}}) = a^{14} - a^{10}x^2 - a^{10} + 2a^6x^2 - a^6 - 2a^2x^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$

$KBSM(5_{30}) = a^8x - a^4x + 2x - a^{-4}x^3 + a^{-8}x^3 - a^{-12}x$

$KBSM(\overline{5_{30}}) = -a^{12}x + a^8x^3 - a^4x^3 + 2x - a^{-4}x + a^{-8}x$

$KBSM(5_{31}) = a^8x - 2a^4x + x^3 + x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x^3 + a^{-8}x - a^{-12}x$

$KBSM(\overline{5_{31}}) = -a^{12}x + a^8x^3 + a^8x - 2a^4x^3 + a^4x + x^3 + x - 2a^{-4}x + a^{-8}x$

$KBSM(5_{32}) = a^8x - 2a^4x + x^3 - a^{-4}x^3 - a^{-4}x + a^{-8}x^3 - a^{-12}x$

$KBSM(\overline{5_{32}}) = -a^{12}x + a^8x^3 - a^4x^3 - a^4x + x^3 - 2a^{-4}x + a^{-8}x$

$KBSM(5_{33}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + a^{-2} + a^{-6}x^2 + a^{-6} - a^{-10}x^2 + a^{-14}$

$KBSM(\overline{5_{33}}) = a^{14} - a^{10}x^2 + a^6x^2 + a^6 - 2a^2x^2 + a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$

$KBSM(5_{34}) = -a^6x^2 + 3a^2x^2 - a^2 - a^{-2}x^4 + 3a^{-6}x^2 - a^{-6} - a^{-10}x^2 - a^{-10} + a^{-14}$

$KBSM(\overline{5_{34}}) = a^{14} - a^{10}x^2 - a^{10} + 3a^6x^2 - a^6 - a^2x^4 + 3a^{-2}x^2 - a^{-2} - a^{-6}x^2$

$KBSM(5_{35}) = -a^{-6}x^2 + 2a^{-10}x^2 - a^{-10} - a^{-14}x^4 - a^{-14} + a^{-18}x^4 + a^{-18}x^2 - a^{-18} - 2a^{-22}x^2 + a^{-26}$

$KBSM(\overline{5_{35}}) = a^{26} - 2a^{22}x^2 + a^{18}x^4 + a^{18}x^2 - a^{18} - a^{14}x^4 - a^{14} + 2a^{10}x^2 - a^{10} - a^6x^2$

$KBSM(5_{36}) = -x + a^{-4}x^3 - a^{-8}x^3 - a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x^3 - a^{-16}x + a^{-20}x$

$KBSM(\overline{5_{36}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - a^{12}x - a^8x^3 - a^8x + a^4x^3 - x$

$KBSM(5_{37}) = a^{14}x^2 - 2a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-6}$

$KBSM(\overline{5_{37}}) = -a^6 + a^2x^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^2$

$KBSM(5_{38}) = -a^{-2} + a^{-6}x^2 - a^{-6} - a^{-10}x^4 + a^{-10}x^2 - a^{-10} + a^{-14}x^4 - a^{-14}x^2 - a^{-18}x^2 + a^{-18}$

$KBSM(\overline{5_{38}}) = -a^{18}x^2 + a^{18} + a^{14}x^4 - a^{14}x^2 - a^{10}x^4 + a^{10}x^2 - a^{10} + a^6x^2 - a^6 - a^2$

$KBSM(5_{39}) = -a^{12}x^3 + a^{12}x + 2a^8x^3 - 2a^8x - a^4x^3 + x^3 - x - a^{-4}x$

$KBSM(\overline{5_{39}}) = -a^4x + x^3 - x - a^{-4}x^3 + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x^3 + a^{-12}x$

$KBSM(5_{40}) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + a^{-12}x + a^{-16}x^3 - a^{-16}x - a^{-20}x^3 + a^{-20}x + a^{-24}x$

$KBSM(\overline{5_{40}}) = a^{24}x - a^{20}x^3 + a^{20}x + a^{16}x^3 - a^{16}x - a^{12}x^3 + a^{12}x + a^8x^3 - a^8x$

$KBSM(5_{41}) = a^{18} + a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6 + a^2x^2 - a^2$

$KBSM(\overline{5_{41}}) = a^{-2}x^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10} + a^{-18}$

$KBSM(5_{42}) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-12}x^3 - a^{-16}x^3 + a^{-16}x + a^{-20}x$

$KBSM(\overline{5_{42}}) = a^{20}x - a^{16}x^3 + a^{16}x + a^{12}x^3 - a^8x^3 + a^4x^3 - a^4x$

$KBSM(5_{43}) = a^6x^2 - a^2x^4 + a^2x^2 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10}$

$KBSM(\overline{5_{43}}) = a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6 + a^2x^4 - a^2x^2 - a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^2$

$KBSM(5_{44}) = -x^3 + x + a^{-4}x^5 - a^{-4}x^3 - a^{-8}x^5 + a^{-8}x^3 - a^{-8}x + 2a^{-12}x^3 - 2a^{-12}x - a^{-16}x$

$KBSM(\overline{5_{44}}) = -a^{16}x + 2a^{12}x^3 - 2a^{12}x - a^8x^5 + a^8x^3 - a^8x + a^4x^5 - a^4x^3 - x^3 + x$

$KBSM(5_{45}) = -a^{10}x^2 + a^6x^4 - 2a^2x^4 + 2a^2x^2 + a^{-2}x^4 - a^{-2}x^2 + a^{-2} - a^{-6}x^2 + a^{-6}$

$KBSM(\overline{5_{45}}) = -a^6x^2 + a^6 + a^2x^4 - a^2x^2 + a^2 - 2a^{-2}x^4 + 2a^{-2}x^2 + a^{-6}x^4 - a^{-10}x^2$

$KBSM(5_{46}) = -x^3 + x + a^{-4}x^5 - a^{-4}x^3 + a^{-4}x - a^{-8}x^5 + a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x$
$KBSM(\overline{5_{46}}) = -a^{16}x + 2a^{12}x^3 - a^{12}x - a^8x^5 + a^8x + a^4x^5 - a^4x^3 + a^4x - x^3 + x$
$KBSM(5_{47}) = -a^{10}x^2 + 2a^6x^4 - 2a^6x^2 - 3a^2x^4 + 4a^2x^2 - a^2 + a^{-2}x^5 + a^{-2}x^4 - 4a^{-2}x^3 + 3a^{-2}x - a^{-6}x^3 - a^{-6}x^2 + 2a^{-6}x + a^{-6}$
$KBSM(\overline{5_{47}}) = -a^6x^2 + a^6 + 2a^2x^4 - 3a^2x^2 + a^2 - 3a^{-2}x^4 + 4a^{-2}x^2 - a^{-2} + a^{-6}x^5 + a^{-6}x^4 - 4a^{-6}x^3 + a^{-6}x^2 + 3a^{-6}x - a^{-6} - a^{-10}x^3 - a^{-10}x^2 + 2a^{-10}x$
$KBSM(5_{48}) = a^4x^3 - a^4x - x^5 + 2x^3 - x + a^{-4}x^5 - a^{-4}x^3 - 2a^{-8}x^3 + 2a^{-8}x + a^{-12}x$
$KBSM(\overline{5_{48}}) = a^{12}x - 2a^8x^3 + 2a^8x + a^4x^5 - a^4x^3 - x^5 + 2x^3 - x + a^{-4}x^3 - a^{-4}x$
$KBSM(5_{49}) = a^{14}x^2 - a^{10}x^4 + a^{10}x^2 + a^6x^4 - a^2x^4 + a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$
$KBSM(\overline{5_{49}}) = a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-10}x^4 + a^{-10}x^2 + a^{-14}x^2$
$KBSM(5_{50}) = -a^{-6}x^2 + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + 2a^{-18}x^2 - a^{-22}x^2 + a^{-26}$
$KBSM(\overline{5_{50}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2$
$KBSM(5_{51}) = a^{-4}x - a^{-8}x + a^{-12}x^3 + a^{-12}x - 2a^{-16}x^3 + a^{-16}x + a^{-20}x^3 - a^{-24}x$
$KBSM(\overline{5_{51}}) = -a^{24}x + a^{20}x^3 - 2a^{16}x^3 + a^{16}x + a^{12}x^3 + a^{12}x - a^8x + a^4x$
$KBSM(5_{52}) = -a^{16}x + a^{12}x - a^8x + a^4x^3 - x^3 + x + a^{-4}x$
$KBSM(\overline{5_{52}}) = a^4x - x^3 + x + a^{-4}x^3 - a^{-8}x + a^{-12}x - a^{-16}x$
$KBSM(5_{53}) = a^{-2}x^2 - a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{5_{53}}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + 2a^{10}x^2 - a^{10} - a^6x^4 + a^6x^2 + a^2x^2$
$KBSM(5_{54}) = a^{20}x - a^{16}x^3 + a^{12}x^3 + a^{12}x - a^8x^3 + a^4x^3 - x$
$KBSM(\overline{5_{54}}) = -x + a^{-4}x^3 - a^{-8}x^3 + a^{-12}x^3 + a^{-12}x - a^{-16}x^3 + a^{-20}x$
$KBSM(5_{55}) = -a^{18}x^2 + a^{14}x^4 - a^{10}x^4 - a^{10}x^2 + a^{10} + 2a^6x^2 - a^2x^2 + a^{-2}$
$KBSM(\overline{5_{55}}) = a^2 - a^{-2}x^2 + 2a^{-6}x^2 - a^{-10}x^4 - a^{-10}x^2 + a^{-10} + a^{-14}x^4 - a^{-18}x^2$
$KBSM(5_{56}) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + 2a^6x^2 - a^2x^4 + a^2x^2 - a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}$
$KBSM(\overline{5_{56}}) = -a^6 + 2a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + 2a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2$
$KBSM(5_{57}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-18}x^2 + a^{-18} + a^{-22}$
$KBSM(\overline{5_{57}}) = a^{22} - a^{18}x^2 + a^{18} + a^{14}x^2 - a^{10}x^2 + a^6x^2 - a^2x^2$
$KBSM(5_{58}) = -a^4x + x^3 - a^{-4}x^3 + a^{-8}x^3 - a^{-12}x^3 + a^{-12}x + a^{-16}x$
$KBSM(\overline{5_{58}}) = a^{16}x - a^{12}x^3 + a^{12}x + a^8x^3 - a^4x^3 + x^3 - a^{-4}x$
$KBSM(5_{59}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 + a^{-6}x^2 - a^{-10}x^4 + 2a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{5_{59}}) = -a^{18} + 2a^{14}x^2 - a^{14} - a^{10}x^4 + a^6x^4 + a^6x^2 - a^2x^4 + a^{-2}x^2$
$KBSM(5_{60}) = a^8x - a^4x^3 + 2x^3 - 2a^{-4}x^3 + a^{-4}x + a^{-8}x^3 - a^{-12}x$
$KBSM(\overline{5_{60}}) = -a^{12}x + a^8x^3 - 2a^4x^3 + a^4x + 2x^3 - a^{-4}x^3 + a^{-8}x$
$KBSM(5_{61}) = a^2x^2 - a^{-2}x^4 - a^{-2}x^2 + 2a^{-6}x^4 - a^{-6}x^2 - a^{-10}x^4 - a^{-10}x^2 + 2a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{5_{61}}) = -a^{18} + 2a^{14}x^2 - a^{14} - a^{10}x^4 - a^{10}x^2 + 2a^6x^4 - a^6x^2 - a^2x^4 - a^2x^2 + a^{-2}x^2$
$KBSM(5_{62}) = a^8x - 2a^4x^3 + x^5 + x^3 - x - a^{-4}x^5 - a^{-4}x + 2a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(\overline{5_{62}}) = -a^{12}x + 2a^8x^3 - a^8x - a^4x^5 - a^4x + x^5 + x^3 - x - 2a^{-4}x^3 + a^{-8}x$
$KBSM(5_{63}) = -a^6x^2 + a^2x^4 - 2a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^4 + a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{5_{63}}) = a^{14} - 2a^{10}x^2 + a^{10} + a^6x^4 + a^6x^2 - 2a^2x^4 + a^2x^2 + a^{-2}x^4 - a^{-6}x^2$
$KBSM(5_{64}) = a^8x - 2a^4x^3 + a^4x + x^5 + x - a^{-4}x^5 + 2a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(\overline{5_{64}}) = -a^{12}x + 2a^8x^3 - a^8x - a^4x^5 + x^5 + x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x$
$KBSM(5_{65}) = -a^6x^2 + 2a^2x^4 - a^2x^2 - 4a^{-2}x^4 + 4a^{-2}x^2 - a^{-2} + a^{-6}x^5 + 2a^{-6}x^4 - 4a^{-6}x^3 + a^{-6}x^2 + 3a^{-6}x - a^{-6} - a^{-10}x^3 - 3a^{-10}x^2 + 2a^{-10}x + a^{-10} + a^{-14}$
$KBSM(\overline{5_{65}}) = a^{14} - 3a^{10}x^2 + a^{10} + 3a^6x^4 - 2a^6x^2 - 4a^2x^4 + 4a^2x^2 - a^2 + a^{-2}x^5 + a^{-2}x^4 - 4a^{-2}x^3 + 2a^{-2}x^2 + 3a^{-2}x - a^{-2} - a^{-6}x^3 - a^{-6}x^2 + 2a^{-6}x$
$KBSM(5_{66}) = a^{10}x^2 - a^6x^4 + a^6x^2 + a^2x^4 - a^{-2}x^4 + 2a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{5_{66}}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^{-2}x^4 - a^{-6}x^4 + a^{-6}x^2 + a^{-10}x^2$
$KBSM(5_{67}) = -a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - a^{-10}x^2 - a^{-14}x^4 + 2a^{-14}x^2 - a^{-14} + a^{-18}x^2 - a^{-18}$
$KBSM(\overline{5_{67}}) = a^{18}x^2 - a^{18} - a^{14}x^4 + 2a^{14}x^2 - a^{14} + a^{10}x^4 - a^{10}x^2 - a^6x^4 + 2a^6x^2$
$KBSM(5_{68}) = -a^8x^3 + a^8x + a^4x^5 - 2a^4x^3 - x^5 + 3x^3 - 2x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(\overline{5_{68}}) = a^4x^3 - 2a^4x - x^5 + 3x^3 - 2x + a^{-4}x^5 - 2a^{-4}x^3 - a^{-8}x^3 + a^{-8}x$

$KBSM(5_{69}) = a^{-2}x^4 - 2a^{-2}x^2 - 2a^{-6}x^4 + 4a^{-6}x^2 - a^{-6} + a^{-10}x^5 + a^{-10}x^4 - 4a^{-10}x^3 - a^{-10}x^2 + 3a^{-10}x - a^{-14}x^3 - a^{-14}x^2 + 2a^{-14}x + a^{-14}$
$KBSM(\overline{5_{69}}) = -a^{14}x^2 + a^{14} + 2a^{10}x^4 - 4a^{10}x^2 + a^{10} - 2a^6x^4 + 4a^6x^2 - a^6 + a^2x^5 - 4a^2x^3 + a^2x^2 + 3a^2x - a^2 - a^{-2}x^3 + 2a^{-2}x$
$KBSM(5_{70}) = a^{12}x^3 - a^{12}x - a^8x^5 + 2a^8x^3 - a^8x + a^4x^5 - 2a^4x^3 + a^4x - x^3 + 2x$
$KBSM(\overline{5_{70}}) = -x^3 + 2x + a^{-4}x^5 - 2a^{-4}x^3 + a^{-4}x - a^{-8}x^5 + 2a^{-8}x^3 - a^{-8}x + a^{-12}x^3 - a^{-12}x$
$KBSM(5_{71}) = a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2 - a^2 + a^{-2}x^2 - a^{-2} - a^{-6}$
$KBSM(\overline{5_{71}}) = -a^6 + a^2x^2 - a^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 3a^{-10}x^2 + a^{-10}$
$KBSM(5_{72}) = a^{-8}x^5 - 3a^{-8}x^3 + 2a^{-8}x - a^{-12}x^5 + 2a^{-12}x^3 + a^{-16}x^3 - a^{-16}x$
$KBSM(\overline{5_{72}}) = a^{16}x^3 - a^{16}x - a^{12}x^5 + 2a^{12}x^3 + a^8x^5 - 3a^8x^3 + 2a^8x$
$KBSM(5_{73}) = a^6x^4 - 2a^6x^2 + a^6 - a^2x^4 + a^2x^2 + a^{-2}x^5 - 4a^{-2}x^3 + a^{-2}x^2 + 3a^{-2}x - a^{-2} - a^{-6}x^3 + 2a^{-6}x$
$KBSM(\overline{5_{73}}) = a^2x^4 - 2a^2x^2 - a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^5 - 4a^{-6}x^3 + a^{-6}x^2 + 3a^{-6}x - a^{-10}x^3 + 2a^{-10}x$
$KBSM(5_{74}) = -a^{-10}x^4 + 3a^{-10}x^2 - a^{-10} + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{5_{74}}) = -a^{22} + a^{18}x^2 - a^{10}x^4 + 3a^{10}x^2 - a^{10}$
$KBSM(5_{75}) = a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2 + a^{-2}$
$KBSM(\overline{5_{75}}) = a^2 - a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 3a^{-10}x^2 + a^{-10}$
$KBSM(5_{76}) = a^4x^3 - 2a^4x - x^3 + x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(\overline{5_{76}}) = a^4x^3 - 2a^4x - x^3 + x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(5_{77}) = -a^6x^2 + a^6 + 2a^2x^2 - a^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2 - a^{-10}$
$KBSM(\overline{5_{77}}) = -a^{10} + a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(5_{78}) = a^4x^3 - 2a^4x - x^3 + 2x + a^{-8}x$
$KBSM(\overline{5_{78}}) = a^8x - x^3 + 2x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(5_{79}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - a^{-14}x^4 + a^{-14}x^2 + a^{-18}x^4 - a^{-18}x^2 + a^{-18} - a^{-22}x^2$
$KBSM(\overline{5_{79}}) = -a^{22}x^2 + a^{18}x^4 - a^{18}x^2 + a^{18} - a^{14}x^4 + a^{14}x^2 + a^{10}x^2 - a^6x^2 + a^6$
$KBSM(5_{80}) = a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^2$
$KBSM(\overline{5_{80}}) = a^2x^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(5_{81}) = -a^{-10}x^4 + 3a^{-10}x^2 - a^{-10} - a^{-14} + 2a^{-18}x^2 - a^{-18} - a^{-22}x^2 + a^{-26}$
$KBSM(\overline{5_{81}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - a^{18} - a^{14} - a^{10}x^4 + 3a^{10}x^2 - a^{10}$
$KBSM(5_{82}) = -a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^4 - a^{-10} - a^{-14}x^4 + a^{-14}x^2 + a^{-18}x^2$
$KBSM(\overline{5_{82}}) = a^{18}x^2 - a^{14}x^4 + a^{14}x^2 + a^{10}x^4 - a^{10} - a^6x^4 + 2a^6x^2 - a^6$
$KBSM(5_{83}) = -a^4x^3 + a^4x + x^5 - 2x^3 + 2x - a^{-4}x^5 + 2a^{-4}x^3 - a^{-4}x + a^{-8}x^3 - a^{-8}x$
$KBSM(\overline{5_{83}}) = a^8x^3 - a^8x - a^4x^5 + 2a^4x^3 - a^4x + x^5 - 2x^3 + 2x - a^{-4}x^3 + a^{-4}x$
$KBSM(5_{84}) = a^{-2}x^4 - 2a^{-2}x^2 + a^{-2} - 2a^{-6}x^4 + 3a^{-6}x^2 + a^{-10}x^5 + a^{-10}x^4 - 4a^{-10}x^3 + 3a^{-10}x - a^{-10} - a^{-14}x^3 - a^{-14}x^2 + 2a^{-14}x$
$KBSM(\overline{5_{84}}) = -a^{14}x^2 + 2a^{10}x^4 - 3a^{10}x^2 - 2a^6x^4 + 3a^6x^2 + a^2x^5 - 4a^2x^3 + a^2x^2 + 3a^2x - a^{-2}x^3 + 2a^{-2}x$
$KBSM(\overline{5_{85}}) = a^{14}x^4 - 3a^{14}x^2 + a^{14} + a^6x^5 - a^6x^4 - 4a^6x^3 + 3a^6x^2 + 3a^6x - a^6 - a^2x^3 + 2a^2x$
$KBSM(5_{86}) = a^{14} - a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-2} - a^{-6}$
$KBSM(\overline{5_{86}}) = -a^6 + a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 + a^{-14}$
$KBSM(5_{87}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18} + a^{-26}$
$KBSM(\overline{5_{87}}) = a^{26} + a^{18} - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2 + a^6$
$KBSM(5_{88}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + a^{-18}x^2 - a^{-22} + a^{-26}$
$KBSM(\overline{5_{88}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2 + a^6$
$KBSM(5_{89}) = -a^{-6}x^2 + 2a^{-10}x^2 - 2a^{-10} - 2a^{-14}x^2 + a^{-18}x^2 - a^{-22} + a^{-26}$
$KBSM(\overline{5_{89}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + 2a^{10}x^2 - 2a^{10} - a^6x^2$
$KBSM(5_{90}) = -a^{-2} + a^{-6} - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}x^2 + a^{-22}x^2 - a^{-22}$
$KBSM(\overline{5_{90}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6 - a^2$
$KBSM(5_{91}) = -a^{-2} - a^{-10} - a^{-18}x^2 + a^{-18} + a^{-22}x^2 - a^{-22}$
$KBSM(\overline{5_{91}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{18} - a^{10} - a^2$
$KBSM(5_{92}) = a^{-4}x - 2a^{-8}x + a^{-12}x^3 + a^{-12}x - a^{-16}x^3 + 2a^{-20}x - a^{-24}x$
$KBSM(\overline{5_{92}}) = -a^{24}x + 2a^{20}x - a^{16}x^3 + a^{12}x^3 + a^{12}x - 2a^8x + a^4x$

$KBSM(5_{93}) = -a^{-10}x^2 + a^{-10} + a^{-30}$
$KBSM(\overline{5_{93}}) = a^{30} - a^{10}x^2 + a^{10}$
$KBSM(5_{94}) = -a^{-6} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}x^2 + a^{-26}x^2 - a^{-26}$
$KBSM(\overline{5_{94}}) = a^{26}x^2 - a^{26} - a^{22}x^2 + a^{18}x^2 - a^{14}x^2 - a^6$
$KBSM(5_{95}) = -a^{-6} - a^{-14}x^2 - a^{-14} + 2a^{-18}x^2 - a^{-18} - 2a^{-22}x^2 + a^{-22} + a^{-26}x^2$
$KBSM(\overline{5_{95}}) = a^{26}x^2 - 2a^{22}x^2 + a^{22} + 2a^{18}x^2 - a^{18} - a^{14}x^2 - a^{14} - a^6$

2.18 Knots in $L(11, 3)$

$KBSM(0_1) = x$
$KBSM(1_1) = -a^{-2}x^2 + a^{-2} + a^{-6}$
$KBSM(\overline{1_1}) = a^6 - a^2x^2 + a^2$
$KBSM(2_1) = -a^{-2}x^2 + a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{2_1}) = -a^{10} + a^6x^2 - a^6 - a^2x^2$
$KBSM(*2_2) = -a^4x + x^3 - x - a^{-4}x$
$KBSM(2_3) = a^{-4}x^3 - 2a^{-4}x - a^{-8}x$
$KBSM(\overline{2_3}) = -a^8x + a^4x^3 - 2a^4x$
$KBSM(3_1) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-8}x + a^{-12}x$
$KBSM(\overline{3_1}) = a^{12}x - a^8x^3 + a^8x + a^4x^3 - a^4x$
$KBSM(3_2) = a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$
$KBSM(\overline{3_2}) = a^2x^2 - a^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2$
$KBSM(3_3) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{3_3}) = a^{14} - a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2$
$KBSM(3_4) = -a^4x + x^3 - a^{-4}x^3 + a^{-4}x + a^{-8}x$
$KBSM(\overline{3_4}) = a^8x - a^4x^3 + a^4x + x^3 - a^{-4}x$
$KBSM(3_5) = a^2x^2 - a^{-2}x^4 + a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{3_5}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^2x^2 + a^{-2}x^2$
$KBSM(3_6) = -a^{-6}x^4 + 3a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10}$
$KBSM(\overline{3_6}) = a^{10}x^2 - a^{10} - a^6x^4 + 3a^6x^2 - a^6$
$KBSM(3_7) = -a^{-6}x^2 + a^{-6} + a^{-18}$
$KBSM(\overline{3_7}) = a^{18} - a^6x^2 + a^6$
$KBSM(3_8) = -a^{-2} - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(\overline{3_8}) = a^{14}x^2 - a^{14} - a^{10}x^2 - a^2$
$KBSM(4_1) = -a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 2a^{-10}x^2 + a^{-10} - a^{-14}x^2 + a^{-14}$
$KBSM(\overline{4_1}) = -a^{14}x^2 + a^{14} + a^{10}x^4 - 2a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2$
$KBSM(4_2) = -a^8x^3 + a^8x + a^4x^5 - 3a^4x^3 + 2a^4x - x^3 + 2x$
$KBSM(\overline{4_2}) = -x^3 + 2x + a^{-4}x^5 - 3a^{-4}x^3 + 2a^{-4}x - a^{-8}x^3 + a^{-8}x$
$KBSM(4_3) = a^{-4}x^3 - 2a^{-8}x^3 + 2a^{-8}x + a^{-12}x^3 - a^{-16}x$
$KBSM(\overline{4_3}) = -a^{16}x + a^{12}x^3 - 2a^8x^3 + 2a^8x + a^4x^3$
$KBSM(4_4) = a^2x^2 - a^{-2}x^4 + a^{-2} + a^{-6}x^4 - a^{-6}x^2 + a^{-6} - a^{-10}x^2$
$KBSM(\overline{4_4}) = -a^{10}x^2 + a^6x^4 - a^6x^2 + a^6 - a^2x^4 + a^2 + a^{-2}x^2$
$KBSM(4_5) = -a^4x^3 + x^5 - 2x^3 + 2x - 2a^{-4}x^3 + 2a^{-4}x + a^{-8}x$
$KBSM(\overline{4_5}) = a^8x - 2a^4x^3 + 2a^4x + x^5 - 2x^3 + 2x - a^{-4}x^3$
$KBSM(4_6) = -a^{-6}x^2 + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{4_6}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2$
$KBSM(4_7) = a^{-4}x - a^{-8}x + a^{-12}x^3 - a^{-16}x^3 + a^{-20}x$
$KBSM(\overline{4_7}) = a^{20}x - a^{16}x^3 + a^{12}x^3 - a^8x + a^4x$
$KBSM(4_8) = -a^{16}x + a^{12}x - a^8x + a^4x^3 - a^4x - x$
$KBSM(\overline{4_8}) = -x + a^{-4}x^3 - a^{-4}x - a^{-8}x + a^{-12}x - a^{-16}x$

$KBSM(4_9) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2 + a^{-2}$
$KBSM(\overline{4_9}) = a^2 - a^{-2}x^2 + a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2$
$KBSM(4_{10}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{4_{10}}) = -a^{18} + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^2$
$KBSM(4_{11}) = -a^4x + x^3 - a^{-4}x^3 + a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(\overline{4_{11}}) = -a^{12}x + a^8x^3 - a^8x - a^4x^3 + x^3 - a^{-4}x$
$KBSM(4_{12}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 - 2a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{4_{12}}) = a^{14} - 2a^{10}x^2 + a^{10} + a^6x^4 - a^2x^4 + a^{-2}x^2$
$KBSM(*4_{13}) = a^8x - a^4x^3 + 2x^3 - x - a^{-4}x^3 + a^{-8}x$
$KBSM(*4_{14}) = a^8x - 2a^4x^3 + a^4x + x^5 - x^3 + x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x$
$KBSM(4_{15}) = -a^6x^2 + a^2x^4 - a^2x^2 - a^{-2}x^4 + 2a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{4_{15}}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^2$
$KBSM(4_{16}) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-12}x^3 - a^{-12}x - a^{-16}x$
$KBSM(\overline{4_{16}}) = -a^{16}x + a^{12}x^3 - a^{12}x - a^8x^3 + a^4x^3 - a^4x$
$KBSM(4_{17}) = a^6x^2 - a^2x^4 + a^2x^2 + a^{-2}x^4 - 2a^{-2}x^2 + a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(\overline{4_{17}}) = -a^6x^2 + a^6 + a^2x^4 - 2a^2x^2 + a^2 - a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^2$
$KBSM(4_{18}) = -x^3 + x + a^{-4}x^5 - 2a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + 2a^{-8}x + a^{-12}x$
$KBSM(\overline{4_{18}}) = a^{12}x - 2a^8x^3 + 2a^8x + a^4x^5 - 2a^4x^3 + a^4x - x^3 + x$
$KBSM(4_{19}) = -a^{10}x^2 + a^6x^4 - a^6x^2 - a^2x^4 + a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$
$KBSM(\overline{4_{19}}) = a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-6}x^2 - a^{-10}x^2$
$KBSM(4_{20}) = -a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^4 - a^{-10}x^2 - a^{-10} - a^{-14}x^2$
$KBSM(\overline{4_{20}}) = -a^{14}x^2 + a^{10}x^4 - a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6$
$KBSM(*4_{21}) = -a^4x^3 + a^4x + x^5 - 3x^3 + 3x - a^{-4}x^3 + a^{-4}x$
$KBSM(4_{22}) = a^{-8}x^3 - 2a^{-8}x - a^{-16}x$
$KBSM(\overline{4_{22}}) = -a^{16}x + a^8x^3 - 2a^8x$
$KBSM(4_{23}) = -a^{12}x^3 + 2a^{12}x + a^8x^3 - a^8x$
$KBSM(\overline{4_{23}}) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(4_{24}) = a^{-8}x^5 - 4a^{-8}x^3 + 3a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(\overline{4_{24}}) = -a^{12}x^3 + 2a^{12}x + a^8x^5 - 4a^8x^3 + 3a^8x$
$KBSM(4_{25}) = -a^6x^2 + a^6 + a^2x^2 - a^2 - a^{-2} - a^{-10}$
$KBSM(\overline{4_{25}}) = -a^{10} - a^2 + a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(4_{26}) = -a^6x^2 + a^6 + a^2x^2 - a^{-2}x^2 + a^{-2} + a^{-6} - a^{-10}$
$KBSM(\overline{4_{26}}) = -a^{10} + a^6 - a^2x^2 + a^2 + a^{-2}x^2 - a^{-6}x^2 + a^{-6}$
$KBSM(*4_{27}) = a^8x - 2a^4x + x^3 - x - 2a^{-4}x + a^{-8}x$
$KBSM(5_1) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(\overline{5_1}) = -a^{12}x^3 + 2a^{12}x + a^8x^3 - a^8x$
$KBSM(5_2) = a^{-6} - a^{-10}x^4 + a^{-10}x^2 + a^{-14}x^4 - a^{-14}x^2 - a^{-18}x^2 + a^{-18}$
$KBSM(\overline{5_2}) = -a^{18}x^2 + a^{18} + a^{14}x^4 - a^{14}x^2 - a^{10}x^4 + a^{10}x^2 + a^6$
$KBSM(5_3) = -a^{12}x^3 + a^{12}x + 2a^8x^3 - 2a^8x - a^4x^3 + a^4x + x$
$KBSM(\overline{5_3}) = x - a^{-4}x^3 + a^{-4}x + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x^3 + a^{-12}x$
$KBSM(5_4) = a^{14}x^2 - a^{14} - a^6x^4 + 2a^6x^2 + a^2x^2 - a^2$
$KBSM(\overline{5_4}) = a^{-2}x^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(5_5) = a^{-8}x^5 - 3a^{-8}x^3 + a^{-8}x - a^{-12}x^5 + 3a^{-12}x^3 - 2a^{-12}x + a^{-16}x^3 - 2a^{-16}x$
$KBSM(\overline{5_5}) = a^{16}x^3 - 2a^{16}x - a^{12}x^5 + 3a^{12}x^3 - 2a^{12}x + a^8x^5 - 3a^8x^3 + a^8x$
$KBSM(5_6) = a^{10}x^4 - 2a^{10}x^2 - a^6x^4 + 2a^6x^2 - a^3x^5 + 4a^3x^3 - 3a^3x + a^2x^4 - 3a^2x^2 + a^2 - a^{-2}x^4 + 3a^{-2}x^2 - a^{-2} + a^{-5}x^3 - a^{-5}x - a^{-6} - a^{-9}x + a^{-10}$
$KBSM(\overline{5_6}) = a^{-2}x^4 - 3a^{-2}x^2 + a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 - a^{-9}x^5 + 4a^{-9}x^3 - 3a^{-9}x + a^{-10}x^4 - 2a^{-10}x^2 - a^{-14}x^4 + 3a^{-14}x^2 - a^{-14} + a^{-17}x^3 - a^{-17}x - a^{-18} - a^{-21}x + a^{-22}$
$KBSM(5_7) = -a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^4 - 3a^{-10}x^2 - a^{-14}x^4 + a^{-14}x^2 - a^{-14} + a^{-18}x^2 - a^{-18}$
$KBSM(\overline{5_7}) = a^{18}x^2 - a^{18} - a^{14}x^4 + a^{14}x^2 - a^{14} + 2a^{10}x^4 - 3a^{10}x^2 - a^6x^4 + a^6x^2$

$KBSM(5_8) = -x^3 + x + a^{-4}x^5 - a^{-4}x^3 - a^{-4}x - a^{-8}x^5 + 2a^{-8}x^3 - 2a^{-8}x + a^{-12}x^3 - a^{-12}x$
$KBSM(\overline{5_8}) = a^{12}x^3 - a^{12}x - a^8x^5 + 2a^8x^3 - 2a^8x + a^4x^5 - a^4x^3 - a^4x - x^3 + x$
$KBSM(5_9) = a^6x^4 - a^6x^2 - 2a^2x^4 + 3a^2x^2 - a^2 - a^{-1}x^5 + 4a^{-1}x^3 - 3a^{-1}x + 2a^{-2}x^4 - 4a^{-2}x^2 + a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-9}x^3 - a^{-9}x - a^{-10} - a^{-13}x + a^{-14}$
$KBSM(\overline{5_9}) = -a^6x^2 + a^6 + 2a^2x^4 - 4a^2x^2 + a^2 - 2a^{-2}x^4 + 3a^{-2}x^2 - a^{-2} - a^{-5}x^5 + 4a^{-5}x^3 - 3a^{-5}x + a^{-6}x^4 - a^{-6}x^2 - a^{-10}x^4 + 3a^{-10}x^2 - a^{-10} + a^{-13}x^3 - a^{-13}x - a^{-14} - a^{-17}x + a^{-18}$
$KBSM(5_{10}) = a^{-4}x^3 - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x^3 + a^{-20}x$
$KBSM(\overline{5_{10}}) = a^{20}x - a^{16}x^3 + 2a^{12}x^3 - a^{12}x - 2a^8x^3 + a^8x + a^4x^3$
$KBSM(5_{11}) = a^2x^2 - a^{-2}x^4 - a^{-2}x^2 + a^{-2} + 2a^{-6}x^4 - 2a^{-6}x^2 + a^{-6} - a^{-10}x^4 + a^{-14}x^2$
$KBSM(\overline{5_{11}}) = a^{14}x^2 - a^{10}x^4 + 2a^6x^4 - 2a^6x^2 + a^6 - a^2x^4 - a^2x^2 + a^2 + a^{-2}x^2$
$KBSM(5_{12}) = -x^3 + a^{-4}x^5 - a^{-4}x - a^{-8}x^5 + 2a^{-12}x^3 - a^{-12}x - a^{-16}x$
$KBSM(\overline{5_{12}}) = -a^{16}x + 2a^{12}x^3 - a^{12}x - a^8x^5 + a^4x^5 - a^4x - x^3$
$KBSM(5_{13}) = -a^6x^2 + a^2x^4 - a^2 - 2a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-10}x^2$
$KBSM(\overline{5_{13}}) = -a^{10}x^2 + a^6x^4 - 2a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^4 - a^{-2} - a^{-6}x^2$
$KBSM(5_{14}) = -a^4x^3 + x^5 - x^3 + x - a^{-4}x^5 + a^{-4}x^3 - a^{-4}x + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x$
$KBSM(\overline{5_{14}}) = -a^{12}x + 2a^8x^3 - 2a^8x - a^4x^5 + a^4x^3 - a^4x + x^5 - x^3 + x - a^{-4}x^3$
$KBSM(5_{15}) = -a^{10}x^2 + 2a^6x^4 - 2a^6x^2 + a^6 - 3a^2x^4 + 3a^2x^2 - a^{-1}x^5 + 4a^{-1}x^3 - 3a^{-1}x + 2a^{-2}x^4 - 2a^{-2}x^2 - a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-9}x^3 - a^{-9}x - a^{-10} - a^{-13}x + a^{-14}$
$KBSM(\overline{5_{15}}) = -a^6x^2 + 2a^2x^4 - 2a^2x^2 - 3a^{-2}x^4 + 3a^{-2}x^2 - a^{-5}x^5 + 4a^{-5}x^3 - 3a^{-5}x + 2a^{-6}x^4 - 2a^{-6}x^2 + a^{-6} - a^{-10}x^4 + 2a^{-10}x^2 - a^{-10} + a^{-13}x^3 - a^{-13}x - a^{-14} - a^{-17}x + a^{-18}$
$KBSM(5_{16}) = a^8x^3 - a^4x^5 + a^4x^3 - a^4x + x^5 - 2a^{-4}x^3 + a^{-4}x + a^{-8}x$
$KBSM(\overline{5_{16}}) = a^8x - 2a^4x^3 + a^4x + x^5 - a^{-4}x^5 + a^{-4}x^3 - a^{-4}x + a^{-8}x^3$
$KBSM(5_{17}) = a^{14}x^2 - a^{10}x^4 + a^{10}x^2 - a^{10} + a^6x^4 + a^6x^2 - a^6 - a^2x^4 + a^{-2}x^2$
$KBSM(\overline{5_{17}}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 + a^{-6}x^2 - a^{-6} - a^{-10}x^4 + a^{-10}x^2 - a^{-10} + a^{-14}x^2$
$KBSM(5_{18}) = -a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^4 - 3a^{-10}x^2 + a^{-10} - a^{-14}x^4 + a^{-14} + a^{-18}x^2$
$KBSM(\overline{5_{18}}) = a^{18}x^2 - a^{14}x^4 + a^{14} + 2a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + a^6x^2$
$KBSM(5_{19}) = -a^4x^3 + x^5 - x^3 - a^{-4}x^5 + 2a^{-4}x^3 - 2a^{-4}x + a^{-8}x^3 - a^{-8}x$
$KBSM(\overline{5_{19}}) = a^8x^3 - a^8x - a^4x^5 + 2a^4x^3 - 2a^4x + x^5 - x^3 - a^{-4}x^3$
$KBSM(5_{20}) = a^2x^4 - a^2x^2 - 2a^{-2}x^4 + 2a^{-2}x^2 - a^{-5}x^5 + 4a^{-5}x^3 - 3a^{-5}x + 2a^{-6}x^4 - 3a^{-6}x^2 + a^{-6} - a^{-10}x^4 + 2a^{-10}x^2 - a^{-10} + a^{-13}x^3 - a^{-13}x - a^{-14} - a^{-17}x + a^{-18}$
$KBSM(\overline{5_{20}}) = -a^{10}x^2 + 2a^6x^4 - 3a^6x^2 + a^6 - 2a^2x^4 + 2a^2x^2 - a^{-1}x^5 + 4a^{-1}x^3 - 3a^{-1}x + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^4 + 3a^{-6}x^2 - a^{-6} + a^{-9}x^3 - a^{-9}x - a^{-10} - a^{-13}x + a^{-14}$
$KBSM(5_{21}) = a^{12}x^3 - a^8x^5 + a^8x^3 + a^4x^5 - a^4x^3 - x^3 + x$
$KBSM(\overline{5_{21}}) = -x^3 + x + a^{-4}x^5 - a^{-4}x^3 - a^{-8}x^5 + a^{-8}x^3 + a^{-12}x^3$
$KBSM(5_{22}) = -a^6x^2 + a^2x^4 - a^2x^2 - a^{-2}x^4 + a^{-2} + a^{-6}x^2 + a^{-6}$
$KBSM(\overline{5_{22}}) = a^6x^2 + a^6 - a^2x^4 + a^2 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^2$
$KBSM(5_{23}) = -a^{12}x + a^8x^3 - a^8x - a^4x^3 + a^4x + 2x$
$KBSM(\overline{5_{23}}) = 2x - a^{-4}x^3 + a^{-4}x + a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(5_{24}) = -a^{-6}x^4 + 3a^{-6}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{5_{24}}) = -a^{18} + a^{14}x^2 - a^{14} - a^6x^4 + 3a^6x^2$
$KBSM(5_{25}) = -a^{-6}x^2 + 2a^{-10}x^2 - a^{-14}x^4 - a^{-14}x^2 + a^{-14} + a^{-18}x^4 + a^{-18}x^2 - 2a^{-22}x^2 + a^{-26}$
$KBSM(\overline{5_{25}}) = a^{26} - 2a^{22}x^2 + a^{18}x^4 + a^{18}x^2 - a^{14}x^4 - a^{14}x^2 + a^{14} + 2a^{10}x^2 - a^6x^2$
$KBSM(5_{26}) = -x + a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-16}x^3 - a^{-16}x + a^{-20}x$
$KBSM(\overline{5_{26}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - 2a^8x^3 + a^8x + a^4x^3 + a^4x - x$
$KBSM(5_{27}) = -x + a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-16}x^3 - a^{-16}x + a^{-20}x$
$KBSM(\overline{5_{27}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - 2a^8x^3 + a^8x + a^4x^3 + a^4x - x$
$KBSM(5_{28}) = a^{14}x^2 - 2a^{10}x^2 + 3a^6x^2 - a^6 - a^2x^4 + 2a^{-2}x^2 - a^{-6}$
$KBSM(\overline{5_{28}}) = -a^6 + 2a^2x^2 - a^{-2}x^4 + 3a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^2$
$KBSM(5_{29}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 - a^{-10} + a^{-14}$
$KBSM(\overline{5_{29}}) = a^{14} - a^{10}x^2 - a^{10} + 2a^6x^2 - a^6 - 2a^2x^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$

$KBSM(5_{30}) = a^8x - a^4x + 2x - a^{-4}x^3 + a^{-8}x^3 - a^{-12}x$

$KBSM(\overline{5_{30}}) = -a^{12}x + a^8x^3 - a^4x^3 + 2x - a^{-4}x + a^{-8}x$

$KBSM(5_{31}) = a^8x - 2a^4x + x^3 + x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x^3 + a^{-8}x - a^{-12}x$

$KBSM(\overline{5_{31}}) = -a^{12}x + a^8x^3 + a^8x - 2a^4x^3 + a^4x + x^3 + x - 2a^{-4}x + a^{-8}x$

$KBSM(5_{32}) = a^8x - 2a^4x + x^3 - a^{-4}x^3 - a^{-4}x + a^{-8}x^3 - a^{-12}x$

$KBSM(\overline{5_{32}}) = -a^{12}x + a^8x^3 - a^4x^3 - a^4x + x^3 - 2a^{-4}x + a^{-8}x$

$KBSM(5_{33}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + a^{-2} + a^{-6}x^2 + a^{-6} - a^{-10}x^2 + a^{-14}$

$KBSM(\overline{5_{33}}) = a^{14} - a^{10}x^2 + a^6x^2 + a^6 - 2a^2x^2 + a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$

$KBSM(5_{34}) = -a^6x^2 + 3a^2x^2 - a^2 - a^{-2}x^4 + 3a^{-6}x^2 - a^{-6} - a^{-10}x^2 - a^{-10} + a^{-14}$

$KBSM(\overline{5_{34}}) = a^{14} - a^{10}x^2 - a^{10} + 3a^6x^2 - a^6 - a^2x^4 + 3a^{-2}x^2 - a^{-2} - a^{-6}x^2$

$KBSM(5_{35}) = -a^{-6}x^2 + 2a^{-10}x^2 - a^{-10} - a^{-14}x^4 - a^{-14} + a^{-18}x^4 + a^{-18}x^2 - a^{-18} - 2a^{-22}x^2 + a^{-26}$

$KBSM(\overline{5_{35}}) = a^{26} - 2a^{22}x^2 + a^{18}x^4 + a^{18}x^2 - a^{18} - a^{14}x^4 - a^{14} + 2a^{10}x^2 - a^{10} - a^6x^2$

$KBSM(5_{36}) = -x + a^{-4}x^3 - a^{-8}x^3 - a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x^3 - a^{-16}x + a^{-20}x$

$KBSM(\overline{5_{36}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - a^{12}x - a^8x^3 - a^8x + a^4x^3 - x$

$KBSM(5_{37}) = a^{14}x^2 - 2a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-6}$

$KBSM(\overline{5_{37}}) = -a^6 + a^2x^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^2$

$KBSM(5_{38}) = -a^{-2} + a^{-6}x^2 - a^{-6} - a^{-10}x^4 + a^{-10}x^2 - a^{-10} + a^{-14}x^4 - a^{-14}x^2 - a^{-18}x^2 + a^{-18}$

$KBSM(\overline{5_{38}}) = -a^{18}x^2 + a^{18} + a^{14}x^4 - a^{14}x^2 - a^{10}x^4 + a^{10}x^2 - a^{10} + a^6x^2 - a^6 - a^2$

$KBSM(5_{39}) = -a^{12}x^3 + a^{12}x + 2a^8x^3 - 2a^8x - a^4x^3 + x^3 - x - a^{-4}x$

$KBSM(\overline{5_{39}}) = -a^4x + x^3 - x - a^{-4}x^3 + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x^3 + a^{-12}x$

$KBSM(5_{40}) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + a^{-12}x + a^{-16}x^3 - a^{-16}x - a^{-20}x^3 + a^{-20}x + a^{-24}x$

$KBSM(\overline{5_{40}}) = a^{24}x - a^{20}x^3 + a^{20}x + a^{16}x^3 - a^{16}x - a^{12}x^3 + a^{12}x + a^8x^3 - a^8x$

$KBSM(5_{41}) = a^{18} + a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6 + a^2x^2 - a^2$

$KBSM(\overline{5_{41}}) = a^{-2}x^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10} + a^{-18}$

$KBSM(5_{42}) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-12}x^3 - a^{-16}x^3 + a^{-16}x + a^{-20}x$

$KBSM(\overline{5_{42}}) = a^{20}x - a^{16}x^3 + a^{16}x + a^{12}x^3 - a^8x^3 + a^4x^3 - a^4x$

$KBSM(5_{43}) = a^6x^2 - a^2x^4 + a^2x^2 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10}$

$KBSM(\overline{5_{43}}) = a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6 + a^2x^4 - a^2x^2 - a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^2$

$KBSM(5_{44}) = -x^3 + x + a^{-4}x^5 - a^{-4}x^3 - a^{-8}x^5 + a^{-8}x^3 - a^{-8}x + 2a^{-12}x^3 - 2a^{-12}x - a^{-16}x$

$KBSM(\overline{5_{44}}) = -a^{16}x + 2a^{12}x^3 - 2a^{12}x - a^8x^5 + a^8x^3 - a^8x + a^4x^5 - a^4x^3 - x^3 + x$

$KBSM(5_{45}) = -a^{10}x^2 + a^6x^4 - 2a^2x^4 + 2a^2x^2 + a^{-2}x^4 - a^{-2}x^2 + a^{-2} - a^{-6}x^2 + a^{-6}$

$KBSM(\overline{5_{45}}) = -a^6x^2 + a^6 + a^2x^4 - a^2x^2 + a^2 - 2a^{-2}x^4 + 2a^{-2}x^2 + a^{-6}x^4 - a^{-10}x^2$

$KBSM(5_{46}) = -x^3 + x + a^{-4}x^5 - a^{-4}x^3 + a^{-4}x - a^{-8}x^5 + a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x$

$KBSM(\overline{5_{46}}) = -a^{16}x + 2a^{12}x^3 - a^{12}x - a^8x^5 + a^8x + a^4x^5 - a^4x^3 + a^4x - x^3 + x$

$KBSM(5_{47}) = -a^{10}x^2 + 2a^6x^4 - 2a^6x^2 - 3a^2x^4 + 4a^2x^2 - a^2 - a^{-1}x^5 + 4a^{-1}x^3 - 3a^{-1}x + 2a^{-2}x^4 - 3a^{-2}x^2 + a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-9}x^3 - a^{-9}x - a^{-10} - a^{-13}x + a^{-14}$

$KBSM(\overline{5_{47}}) = -a^6x^2 + a^6 + 2a^2x^4 - 3a^2x^2 + a^2 - 3a^{-2}x^4 + 4a^{-2}x^2 - a^{-2} - a^{-5}x^5 + 4a^{-5}x^3 - 3a^{-5}x + 2a^{-6}x^4 - 2a^{-6}x^2 - a^{-10}x^4 + 2a^{-10}x^2 - a^{-10} + a^{-13}x^3 - a^{-13}x - a^{-14} - a^{-17}x + a^{-18}$

$KBSM(5_{48}) = a^4x^3 - a^4x - x^5 + 2x^3 - x + a^{-4}x^5 - a^{-4}x^3 - 2a^{-8}x^3 + 2a^{-8}x + a^{-12}x$

$KBSM(\overline{5_{48}}) = a^{12}x - 2a^8x^3 + 2a^8x + a^4x^5 - a^4x^3 - x^5 + 2x^3 - x + a^{-4}x^3 - a^{-4}x$

$KBSM(5_{49}) = a^{14}x^2 - a^{10}x^4 + a^{10}x^2 + a^6x^4 - a^2x^4 + a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$

$KBSM(\overline{5_{49}}) = a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-10}x^4 + a^{-10}x^2 + a^{-14}x^2$

$KBSM(5_{50}) = -a^{-6}x^2 + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + 2a^{-18}x^2 - a^{-22}x^2 + a^{-26}$

$KBSM(\overline{5_{50}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2$

$KBSM(5_{51}) = a^{-4}x - a^{-8}x + a^{-12}x^3 + a^{-12}x - 2a^{-16}x^3 + a^{-16}x + a^{-20}x^3 - a^{-24}x$

$KBSM(\overline{5_{51}}) = -a^{24}x + a^{20}x^3 - 2a^{16}x^3 + a^{16}x + a^{12}x^3 + a^{12}x - a^8x + a^4x$

$KBSM(5_{52}) = -a^{16}x + a^{12}x - a^8x + a^4x^3 - x^3 + x + a^{-4}x$

$KBSM(\overline{5_{52}}) = a^4x - x^3 + x + a^{-4}x^3 - a^{-8}x + a^{-12}x - a^{-16}x$

$KBSM(5_{53}) = a^{-2}x^2 - a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}$

$KBSM(\overline{5_{53}}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + 2a^{10}x^2 - a^{10} - a^6x^4 + a^6x^2 + a^2x^2$

$KBSM(5_{54}) = a^{20}x - a^{16}x^3 + a^{12}x^3 + a^{12}x - a^8x^3 + a^4x^3 - x$

$KBSM(\overline{5_{54}}) = -x + a^{-4}x^3 - a^{-8}x^3 + a^{-12}x^3 + a^{-12}x - a^{-16}x^3 + a^{-20}x$

$KBSM(5_{55}) = -a^{18}x^2 + a^{14}x^4 - a^{10}x^4 - a^{10}x^2 + a^{10} + 2a^6x^2 - a^2x^2 + a^{-2}$

$KBSM(\overline{5_{55}}) = a^2 - a^{-2}x^2 + 2a^{-6}x^2 - a^{-10}x^4 - a^{-10}x^2 + a^{-10} + a^{-14}x^4 - a^{-18}x^2$

$KBSM(5_{56}) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + 2a^6x^2 - a^2x^4 + a^2x^2 - a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}$

$KBSM(\overline{5_{56}}) = -a^6 + 2a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + 2a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2$

$KBSM(5_{57}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-18}x^2 + a^{-18} + a^{-22}$

$KBSM(\overline{5_{57}}) = a^{22} - a^{18}x^2 + a^{18} + a^{14}x^2 - a^{10}x^2 + a^6x^2 - a^2x^2$

$KBSM(5_{58}) = -a^4x + x^3 - a^{-4}x^3 + a^{-8}x^3 - a^{-12}x^3 + a^{-12}x + a^{-16}x$

$KBSM(\overline{5_{58}}) = a^{16}x - a^{12}x^3 + a^{12}x + a^8x^3 - a^4x^3 + x^3 - a^{-4}x$

$KBSM(5_{59}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 + a^{-6}x^2 - a^{-10}x^4 + 2a^{-14}x^2 - a^{-14} - a^{-18}$

$KBSM(\overline{5_{59}}) = -a^{18} + 2a^{14}x^2 - a^{14} - a^{10}x^4 + a^6x^4 + a^6x^2 - a^2x^4 + a^{-2}x^2$

$KBSM(5_{60}) = a^8x - a^4x^3 + 2x^3 - 2a^{-4}x^3 + a^{-4}x + a^{-8}x^3 - a^{-12}x$

$KBSM(\overline{5_{60}}) = -a^{12}x + a^8x^3 - 2a^4x^3 + a^4x + 2x^3 - a^{-4}x^3 + a^{-8}x$

$KBSM(5_{61}) = a^2x^2 - a^{-2}x^4 - a^{-2}x^2 + 2a^{-6}x^4 - a^{-6}x^2 - a^{-10}x^4 - a^{-10}x^2 + 2a^{-14}x^2 - a^{-14} - a^{-18}$

$KBSM(\overline{5_{61}}) = -a^{18} + 2a^{14}x^2 - a^{14} - a^{10}x^4 - a^{10}x^2 + 2a^6x^4 - a^6x^2 - a^2x^4 - a^2x^2 + a^{-2}x^2$

$KBSM(5_{62}) = a^8x - 2a^4x^3 + x^5 + x^3 - x - a^{-4}x^5 - a^{-4}x + 2a^{-8}x^3 - a^{-8}x - a^{-12}x$

$KBSM(\overline{5_{62}}) = -a^{12}x + 2a^8x^3 - a^8x - a^4x^5 - a^4x + x^5 + x^3 - x - 2a^{-4}x^3 + a^{-8}x$

$KBSM(5_{63}) = -a^6x^2 + a^2x^4 - 2a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^4 + a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}$

$KBSM(\overline{5_{63}}) = a^{14} - 2a^{10}x^2 + a^{10} + a^6x^4 + a^6x^2 - 2a^2x^4 + a^2x^2 + a^{-2}x^4 - a^{-6}x^2$

$KBSM(5_{64}) = a^8x - 2a^4x^3 + a^4x + x^5 + x - a^{-4}x^5 + 2a^{-8}x^3 - a^{-8}x - a^{-12}x$

$KBSM(\overline{5_{64}}) = -a^{12}x + 2a^8x^3 - a^8x - a^4x^5 + x^5 + x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x$

$KBSM(5_{65}) = -a^6x^2 + 2a^2x^4 - a^2x^2 - 4a^{-2}x^4 + 4a^{-2}x^2 - a^{-2} - a^{-5}x^5 + 4a^{-5}x^3 - 3a^{-5}x + 3a^{-6}x^4 - 2a^{-6}x^2 - a^{-10}x^4 + a^{-13}x^3 - a^{-13}x - a^{-17}x + a^{-18}$

$KBSM(\overline{5_{65}}) = a^{14} - 3a^{10}x^2 + a^{10} + 3a^6x^4 - 2a^6x^2 - 4a^2x^4 + 4a^2x^2 - a^2 - a^{-1}x^5 + 4a^{-1}x^3 - 3a^{-1}x + 2a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-9}x^3 - a^{-9}x - a^{-10} - a^{-13}x + a^{-14}$

$KBSM(5_{66}) = a^{10}x^2 - a^6x^4 + a^6x^2 + a^2x^4 - a^{-2}x^4 + 2a^{-6}x^2 - a^{-6} - a^{-10}$

$KBSM(\overline{5_{66}}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^{-2}x^4 - a^{-6}x^4 + a^{-6}x^2 + a^{-10}x^2$

$KBSM(5_{67}) = -a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - a^{-10}x^2 - a^{-14}x^4 + 2a^{-14}x^2 - a^{-14} + a^{-18}x^2 - a^{-18}$

$KBSM(\overline{5_{67}}) = a^{18}x^2 - a^{18} - a^{14}x^4 + 2a^{14}x^2 - a^{14} + a^{10}x^4 - a^{10}x^2 - a^6x^4 + 2a^6x^2$

$KBSM(5_{68}) = -a^8x^3 + a^8x + a^4x^5 - 2a^4x^3 - x^5 + 3x^3 - 2x + a^{-4}x^3 - 2a^{-4}x$

$KBSM(\overline{5_{68}}) = a^4x^3 - 2a^4x - x^5 + 3x^3 - 2x + a^{-4}x^5 - 2a^{-4}x^3 - a^{-8}x^3 + a^{-8}x$

$KBSM(5_{69}) = a^{-2}x^4 - 2a^{-2}x^2 - 2a^{-6}x^4 + 4a^{-6}x^2 - a^{-6} - a^{-9}x^5 + 4a^{-9}x^3 - 3a^{-9}x + 2a^{-10}x^4 - 4a^{-10}x^2 + a^{-10} - a^{-14}x^4 + 2a^{-14}x^2 + a^{-17}x^3 - a^{-17}x - a^{-18} - a^{-21}x + a^{-22}$

$KBSM(\overline{5_{69}}) = -a^{14}x^2 + a^{14} + 2a^{10}x^4 - 4a^{10}x^2 + a^{10} - 2a^6x^4 + 4a^6x^2 - a^6 - a^3x^5 + 4a^3x^3 - 3a^3x + a^2x^4 - 2a^2x^2 - a^{-2}x^4 + 3a^{-2}x^2 - a^{-2} + a^{-5}x^3 - a^{-5}x - a^{-6} - a^{-9}x + a^{-10}$

$KBSM(5_{70}) = a^{12}x^3 - a^{12}x - a^8x^5 + 2a^8x^3 - a^8x + a^4x^5 - 2a^4x^3 + a^4x - x^3 + 2x$

$KBSM(\overline{5_{70}}) = -x^3 + 2x + a^{-4}x^5 - 2a^{-4}x^3 + a^{-4}x - a^{-8}x^5 + 2a^{-8}x^3 - a^{-8}x + a^{-12}x^3 - a^{-12}x$

$KBSM(5_{71}) = a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2 - a^2 + a^{-2}x^2 - a^{-2} - a^{-6}$

$KBSM(\overline{5_{71}}) = -a^6 + a^2x^2 - a^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 3a^{-10}x^2 + a^{-10}$

$KBSM(5_{72}) = a^{-8}x^5 - 3a^{-8}x^3 + 2a^{-8}x - a^{-12}x^5 + 2a^{-12}x^3 + a^{-16}x^3 - a^{-16}x$

$KBSM(\overline{5_{72}}) = a^{16}x^3 - a^{16}x - a^{12}x^5 + 2a^{12}x^3 + a^8x^5 - 3a^8x^3 + 2a^8x$

$KBSM(5_{73}) = a^6x^4 - 2a^6x^2 + a^6 - a^2x^4 + a^2x^2 - a^{-1}x^5 + 4a^{-1}x^3 - 3a^{-1}x + a^{-2}x^4 - 2a^{-2}x^2 - a^{-6}x^4 + 3a^{-6}x^2 - a^{-6} + a^{-9}x^3 - a^{-9}x - a^{-10} - a^{-13}x + a^{-14}$

$KBSM(\overline{5_{73}}) = a^2x^4 - 2a^2x^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-5}x^5 + 4a^{-5}x^3 - 3a^{-5}x + a^{-6}x^4 - 2a^{-6}x^2 + a^{-6} - a^{-10}x^4 + 3a^{-10}x^2 - a^{-10} + a^{-13}x^3 - a^{-13}x - a^{-14} - a^{-17}x + a^{-18}$

$KBSM(5_{74}) = -a^{-10}x^4 + 3a^{-10}x^2 - a^{-10} + a^{-18}x^2 - a^{-22}$

$KBSM(\overline{5_{74}}) = -a^{22} + a^{18}x^2 - a^{10}x^4 + 3a^{10}x^2 - a^{10}$

$KBSM(5_{75}) = a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2 + a^{-2}$

$KBSM(\overline{5_{75}}) = a^2 - a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 3a^{-10}x^2 + a^{-10}$

$KBSM(5_{76}) = a^4x^3 - 2a^4x - x^3 + x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(\overline{5_{76}}) = a^4x^3 - 2a^4x - x^3 + x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(5_{77}) = -a^6x^2 + a^6 + 2a^2x^2 - a^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2 - a^{-10}$
$KBSM(\overline{5_{77}}) = -a^{10} + a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(5_{78}) = a^4x^3 - 2a^4x - x^3 + 2x + a^{-8}x$
$KBSM(\overline{5_{78}}) = a^8x - x^3 + 2x + a^{-4}x^3 - 2a^{-4}x$
$KBSM(5_{79}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - a^{-14}x^4 + a^{-14}x^2 + a^{-18}x^4 - a^{-18}x^2 + a^{-18} - a^{-22}x^2$
$KBSM(\overline{5_{79}}) = -a^{22}x^2 + a^{18}x^4 - a^{18}x^2 + a^{18} - a^{14}x^4 + a^{14}x^2 + a^{10}x^2 - a^6x^2 + a^6$
$KBSM(5_{80}) = a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^2$
$KBSM(\overline{5_{80}}) = a^2x^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(5_{81}) = -a^{-10}x^4 + 3a^{-10}x^2 - a^{-10} - a^{-14} + 2a^{-18}x^2 - a^{-18} - a^{-22}x^2 + a^{-26}$
$KBSM(\overline{5_{81}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - a^{18} - a^{14} - a^{10}x^4 + 3a^{10}x^2 - a^{10}$
$KBSM(5_{82}) = -a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^4 - a^{-10} - a^{-14}x^4 + a^{-14}x^2 + a^{-18}x^2$
$KBSM(\overline{5_{82}}) = a^{18}x^2 - a^{14}x^4 + a^{14}x^2 + a^{10}x^4 - a^{10} - a^6x^4 + 2a^6x^2 - a^6$
$KBSM(5_{83}) = -a^4x^3 + a^4x + x^5 - 2x^3 + 2x - a^{-4}x^5 + 2a^{-4}x^3 - a^{-4}x + a^{-8}x^3 - a^{-8}x$
$KBSM(\overline{5_{83}}) = a^8x^3 - a^8x - a^4x^5 + 2a^4x^3 - a^4x + x^5 - 2x^3 + 2x - a^{-4}x^3 + a^{-4}x$
$KBSM(5_{84}) = a^{-2}x^4 - 2a^{-2}x^2 + a^{-2} - 2a^{-6}x^4 + 3a^{-6}x^2 - a^{-9}x^5 + 4a^{-9}x^3 - 3a^{-9}x + 2a^{-10}x^4 - 3a^{-10}x^2 - a^{-14}x^4 + 2a^{-14}x^2 - a^{-14} + a^{-17}x^3 - a^{-17}x - a^{-18} - a^{-21}x + a^{-22}$
$KBSM(\overline{5_{84}}) = -a^{14}x^2 + 2a^{10}x^4 - 3a^{10}x^2 - 2a^6x^4 + 3a^6x^2 - a^3x^5 + 4a^3x^3 - 3a^3x + a^2x^4 - 2a^2x^2 + a^2 - a^{-2}x^4 + 3a^{-2}x^2 - a^{-2} + a^{-5}x^3 - a^{-5}x - a^{-6} - a^{-9}x + a^{-10}$
$KBSM(5_{85}) = -a^{-13}x^5 + 4a^{-13}x^3 - 3a^{-13}x + a^{-14}x^4 - 3a^{-14}x^2 + a^{-14} - a^{-18}x^4 + 3a^{-18}x^2 - a^{-18} + a^{-21}x^3 - a^{-21}x - a^{-22} - a^{-25}x + a^{-26}$
$KBSM(\overline{5_{85}}) = a^{14}x^4 - 3a^{14}x^2 + a^{14} - a^7x^5 + 4a^7x^3 - 3a^7x - a^2x^4 + 3a^2x^2 - a^2 + a^{-1}x^3 - a^{-1}x - a^{-2} - a^{-5}x + a^{-6}$
$KBSM(5_{86}) = a^{14} - a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-2} - a^{-6}$
$KBSM(\overline{5_{86}}) = -a^6 + a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 + a^{-14}$
$KBSM(5_{87}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18} + a^{-26}$
$KBSM(\overline{5_{87}}) = a^{26} + a^{18} - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2 + a^6$
$KBSM(5_{88}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + a^{-18}x^2 - a^{-22} + a^{-26}$
$KBSM(\overline{5_{88}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2 + a^6$
$KBSM(5_{89}) = -a^{-6}x^2 + 2a^{-10}x^2 - 2a^{-10} - 2a^{-14}x^2 + a^{-18}x^2 - a^{-22} + a^{-26}$
$KBSM(\overline{5_{89}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + 2a^{10}x^2 - 2a^{10} - a^6x^2$
$KBSM(5_{90}) = -a^{-2} + a^{-6} - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}x^2 + a^{-22}x^2 - a^{-22}$
$KBSM(\overline{5_{90}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6 - a^2$
$KBSM(5_{91}) = -a^{-2} - a^{-10} - a^{-18}x^2 + a^{-18} + a^{-22}x^2 - a^{-22}$
$KBSM(\overline{5_{91}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{18} - a^{10} - a^2$
$KBSM(5_{92}) = a^{-4}x - 2a^{-8}x + a^{-12}x^3 + a^{-12}x - a^{-16}x^3 + 2a^{-20}x - a^{-24}x$
$KBSM(\overline{5_{92}}) = -a^{24}x + 2a^{20}x - a^{16}x^3 + a^{12}x^3 + a^{12}x - 2a^8x + a^4x$
$KBSM(5_{93}) = -a^{-10}x^2 + a^{-10} + a^{-30}$
$KBSM(\overline{5_{93}}) = a^{30} - a^{10}x^2 + a^{10}$
$KBSM(5_{94}) = -a^{-6} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}x^2 + a^{-26}x^2 - a^{-26}$
$KBSM(\overline{5_{94}}) = a^{26}x^2 - a^{26} - a^{22}x^2 + a^{18}x^2 - a^{14}x^2 - a^6$
$KBSM(5_{95}) = -a^{-6} - a^{-14}x^2 - a^{-14} + 2a^{-18}x^2 - a^{-18} - 2a^{-22}x^2 + a^{-22} + a^{-26}x^2$
$KBSM(\overline{5_{95}}) = a^{26}x^2 - 2a^{22}x^2 + a^{22} + 2a^{18}x^2 - a^{18} - a^{14}x^2 - a^{14} - a^6$

2.19 Knots in $L(p, q)$, $p \geq 12$

$KBSM(0_1) = x$
$KBSM(1_1) = -a^{-2}x^2 + a^{-2} + a^{-6}$

$KBSM(\overline{1_1}) = a^6 - a^2x^2 + a^2$
$KBSM(2_1) = -a^{-2}x^2 + a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{2_1}) = -a^{10} + a^6x^2 - a^6 - a^2x^2$
$KBSM(*2_2) = -a^4x + x^3 - x - a^{-4}x$
$KBSM(2_3) = a^{-4}x^3 - 2a^{-4}x - a^{-8}x$
$KBSM(\overline{2_3}) = -a^8x + a^4x^3 - 2a^4x$
$KBSM(3_1) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-8}x + a^{-12}x$
$KBSM(\overline{3_1}) = a^{12}x - a^8x^3 + a^8x + a^4x^3 - a^4x$
$KBSM(3_2) = a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$
$KBSM(\overline{3_2}) = a^2x^2 - a^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2$
$KBSM(3_3) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{3_3}) = a^{14} - a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2$
$KBSM(3_4) = -a^4x + x^3 - a^{-4}x^3 + a^{-4}x + a^{-8}x$
$KBSM(\overline{3_4}) = a^8x - a^4x^3 + a^4x + x^3 - a^{-4}x$
$KBSM(3_5) = a^2x^2 - a^{-2}x^4 + a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{3_5}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^2x^2 + a^{-2}x^2$
$KBSM(3_6) = -a^{-6}x^4 + 3a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10}$
$KBSM(\overline{3_6}) = a^{10}x^2 - a^{10} - a^6x^4 + 3a^6x^2 - a^6$
$KBSM(3_7) = -a^{-6}x^2 + a^{-6} + a^{-18}$
$KBSM(\overline{3_7}) = a^{18} - a^6x^2 + a^6$
$KBSM(3_8) = -a^{-2} - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(\overline{3_8}) = a^{14}x^2 - a^{14} - a^{10}x^2 - a^2$
$KBSM(4_1) = -a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 2a^{-10}x^2 + a^{-10} - a^{-14}x^2 + a^{-14}$
$KBSM(\overline{4_1}) = -a^{14}x^2 + a^{14} + a^{10}x^4 - 2a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2$
$KBSM(4_2) = -a^8x^3 + a^8x + a^4x^5 - 3a^4x^3 + 2a^4x - x^3 + 2x$
$KBSM(\overline{4_2}) = -x^3 + 2x + a^{-4}x^5 - 3a^{-4}x^3 + 2a^{-4}x - a^{-8}x^3 + a^{-8}x$
$KBSM(4_3) = a^{-4}x^3 - 2a^{-8}x^3 + 2a^{-8}x + a^{-12}x^3 - a^{-16}x$
$KBSM(\overline{4_3}) = -a^{16}x + a^{12}x^3 - 2a^8x^3 + 2a^8x + a^4x^3$
$KBSM(4_4) = a^2x^2 - a^{-2}x^4 + a^{-2} + a^{-6}x^4 - a^{-6}x^2 + a^{-6} - a^{-10}x^2$
$KBSM(\overline{4_4}) = -a^{10}x^2 + a^6x^4 - a^6x^2 + a^6 - a^2x^4 + a^2 + a^{-2}x^2$
$KBSM(4_5) = -a^4x^3 + x^5 - 2x^3 + 2x - 2a^{-4}x^3 + 2a^{-4}x + a^{-8}x$
$KBSM(\overline{4_5}) = a^8x - 2a^4x^3 + 2a^4x + x^5 - 2x^3 + 2x - a^{-4}x^3$
$KBSM(4_6) = -a^{-6}x^2 + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{4_6}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2$
$KBSM(4_7) = a^{-4}x - a^{-8}x + a^{-12}x^3 - a^{-16}x^3 + a^{-20}x$
$KBSM(\overline{4_7}) = a^{20}x - a^{16}x^3 + a^{12}x^3 - a^8x + a^4x$
$KBSM(4_8) = -a^{16}x + a^{12}x - a^8x + a^4x^3 - a^4x - x$
$KBSM(\overline{4_8}) = -x + a^{-4}x^3 - a^{-4}x - a^{-8}x + a^{-12}x - a^{-16}x$
$KBSM(4_9) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + a^6x^2 - a^2x^2 + a^{-2}$
$KBSM(\overline{4_9}) = a^2 - a^{-2}x^2 + a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2$
$KBSM(4_{10}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{4_{10}}) = -a^{18} + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^2$
$KBSM(4_{11}) = -a^4x + x^3 - a^{-4}x^3 + a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(\overline{4_{11}}) = -a^{12}x + a^8x^3 - a^8x - a^4x^3 + x^3 - a^{-4}x$
$KBSM(4_{12}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 - 2a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{4_{12}}) = a^{14} - 2a^{10}x^2 + a^{10} + a^6x^4 - a^2x^4 + a^{-2}x^2$
$KBSM(*4_{13}) = a^8x - a^4x^3 + 2x^3 - x - a^{-4}x^3 + a^{-8}x$
$KBSM(*4_{14}) = a^8x - 2a^4x^3 + a^4x + x^5 - x^3 + x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x$
$KBSM(4_{15}) = -a^6x^2 + a^2x^4 - a^2x^2 - a^{-2}x^4 + 2a^{-6}x^2 - a^{-6} - a^{-10}$
$KBSM(\overline{4_{15}}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^2$

$KBSM(4_{16}) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-12}x^3 - a^{-12}x - a^{-16}x$
$KBSM(\overline{4_{16}}) = -a^{16}x + a^{12}x^3 - a^{12}x - a^8x^3 + a^4x^3 - a^4x$
$KBSM(4_{17}) = a^6x^2 - a^2x^4 + a^2x^2 + a^{-2}x^4 - 2a^{-2}x^2 + a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(\overline{4_{17}}) = -a^6x^2 + a^6 + a^2x^4 - 2a^2x^2 + a^2 - a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^2$
$KBSM(4_{18}) = -x^3 + x + a^{-4}x^5 - 2a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + 2a^{-8}x + a^{-12}x$
$KBSM(\overline{4_{18}}) = a^{12}x - 2a^8x^3 + 2a^8x + a^4x^5 - 2a^4x^3 + a^4x - x^3 + x$
$KBSM(4_{19}) = -a^{10}x^2 + a^6x^4 - a^6x^2 - a^2x^4 + a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$
$KBSM(\overline{4_{19}}) = a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-6}x^2 - a^{-10}x^2$
$KBSM(4_{20}) = -a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^4 - a^{-10}x^2 - a^{-10} - a^{-14}x^2$
$KBSM(\overline{4_{20}}) = -a^{14}x^2 + a^{10}x^4 - a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6$
$KBSM(*4_{21}) = -a^4x^3 + a^4x + x^5 - 3x^3 + 3x - a^{-4}x^3 + a^{-4}x$
$KBSM(4_{22}) = a^{-8}x^3 - 2a^{-8}x - a^{-16}x$
$KBSM(\overline{4_{22}}) = -a^{16}x + a^8x^3 - 2a^8x$
$KBSM(4_{23}) = -a^{12}x^3 + 2a^{12}x + a^8x^3 - a^8x$
$KBSM(\overline{4_{23}}) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(4_{24}) = a^{-8}x^5 - 4a^{-8}x^3 + 3a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(\overline{4_{24}}) = -a^{12}x^3 + 2a^{12}x + a^8x^5 - 4a^8x^3 + 3a^8x$
$KBSM(4_{25}) = -a^6x^2 + a^6 + a^2x^2 - a^2 - a^{-2} - a^{-10}$
$KBSM(\overline{4_{25}}) = -a^{10} - a^2 + a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(4_{26}) = -a^6x^2 + a^6 + a^2x^2 - a^{-2}x^2 + a^{-2} + a^{-6} - a^{-10}$
$KBSM(\overline{4_{26}}) = -a^{10} + a^6 - a^2x^2 + a^2 + a^{-2}x^2 - a^{-6}x^2 + a^{-6}$
$KBSM(*4_{27}) = a^8x - 2a^4x + x^3 - x - 2a^{-4}x + a^{-8}x$
$KBSM(5_1) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + 2a^{-12}x$
$KBSM(\overline{5_1}) = -a^{12}x^3 + 2a^{12}x + a^8x^3 - a^8x$
$KBSM(5_2) = a^{-6} - a^{-10}x^4 + a^{-10}x^2 + a^{-14}x^4 - a^{-14}x^2 - a^{-18}x^2 + a^{-18}$
$KBSM(\overline{5_2}) = -a^{18}x^2 + a^{18} + a^{14}x^4 - a^{14}x^2 - a^{10}x^4 + a^{10}x^2 + a^6$
$KBSM(5_3) = -a^{12}x^3 + a^{12}x + 2a^8x^3 - 2a^8x - a^4x^3 + a^4x + x$
$KBSM(\overline{5_3}) = x - a^{-4}x^3 + a^{-4}x + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x^3 + a^{-12}x$
$KBSM(5_4) = a^{14}x^2 - a^{14} - a^6x^4 + 2a^6x^2 + a^2x^2 - a^2$
$KBSM(\overline{5_4}) = a^{-2}x^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-14}x^2 - a^{-14}$
$KBSM(5_5) = a^{-8}x^5 - 3a^{-8}x^3 + a^{-8}x - a^{-12}x^5 + 3a^{-12}x^3 - 2a^{-12}x + a^{-16}x^3 - 2a^{-16}x$
$KBSM(\overline{5_5}) = a^{16}x^3 - 2a^{16}x - a^{12}x^5 + 3a^{12}x^3 - 2a^{12}x + a^8x^5 - 3a^8x^3 + a^8x$
$KBSM(5_6) = a^{10}x^4 - 2a^{10}x^2 - a^6x^6 + 4a^6x^4 - 4a^6x^2 + a^6 + a^2x^4 - 3a^2x^2 + a^2$
$KBSM(\overline{5_6}) = a^{-2}x^4 - 3a^{-2}x^2 + a^{-2} - a^{-6}x^6 + 4a^{-6}x^4 - 4a^{-6}x^2 + a^{-6} + a^{-10}x^4 - 2a^{-10}x^2$
$KBSM(5_7) = -a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^4 - 3a^{-10}x^2 - a^{-14}x^4 + a^{-14}x^2 - a^{-14} + a^{-18}x^2 - a^{-18}$
$KBSM(\overline{5_7}) = a^{18}x^2 - a^{18} - a^{14}x^4 + a^{14}x^2 - a^{14} + 2a^{10}x^4 - 3a^{10}x^2 - a^6x^4 + a^6x^2$
$KBSM(5_8) = -x^3 + x + a^{-4}x^5 - a^{-4}x^3 - a^{-4}x - a^{-8}x^5 + 2a^{-8}x^3 - 2a^{-8}x + a^{-12}x^3 - a^{-12}x$
$KBSM(\overline{5_8}) = a^{12}x^3 - a^{12}x - a^8x^5 + 2a^8x^3 - 2a^8x + a^4x^5 - a^4x^3 - a^4x - x^3 + x$
$KBSM(5_9) = a^6x^4 - a^6x^2 - a^2x^6 + 3a^2x^4 - 3a^2x^2 + 2a^{-2}x^4 - 4a^{-2}x^2 + a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(\overline{5_9}) = -a^6x^2 + a^6 + 2a^2x^4 - 4a^2x^2 + a^2 - a^{-2}x^6 + 3a^{-2}x^4 - 3a^{-2}x^2 + a^{-6}x^4 - a^{-6}x^2$
$KBSM(5_{10}) = a^{-4}x^3 - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x^3 + a^{-20}x$
$KBSM(\overline{5_{10}}) = a^{20}x - a^{16}x^3 + 2a^{12}x^3 - a^{12}x - 2a^8x^3 + a^8x + a^4x^3$
$KBSM(5_{11}) = a^2x^2 - a^{-2}x^4 - a^{-2}x^2 + a^{-2} + 2a^{-6}x^4 - 2a^{-6}x^2 + a^{-6} - a^{-10}x^4 + a^{-14}x^2$
$KBSM(\overline{5_{11}}) = a^{14}x^2 - a^{10}x^4 + 2a^6x^4 - 2a^6x^2 + a^6 - a^2x^4 - a^2x^2 + a^2 + a^{-2}x^2$
$KBSM(5_{12}) = -x^3 + a^{-4}x^5 - a^{-4}x - a^{-8}x^5 + 2a^{-12}x^3 - a^{-12}x - a^{-16}x$
$KBSM(\overline{5_{12}}) = -a^{16}x + 2a^{12}x^3 - a^{12}x - a^8x^5 + a^4x^5 - a^4x - x^3$
$KBSM(5_{13}) = -a^6x^2 + a^2x^4 - a^2 - 2a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-10}x^2$
$KBSM(\overline{5_{13}}) = -a^{10}x^2 + a^6x^4 - 2a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^4 - a^{-2} - a^{-6}x^2$
$KBSM(5_{14}) = -a^4x^3 + x^5 - x^3 + x - a^{-4}x^5 + a^{-4}x^3 - a^{-4}x + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x$
$KBSM(\overline{5_{14}}) = -a^{12}x + 2a^8x^3 - 2a^8x - a^4x^5 + a^4x^3 - a^4x + x^5 - x^3 + x - a^{-4}x^3$

$KBSM(5_{15}) = -a^{10}x^2 + 2a^6x^4 - 2a^6x^2 + a^6 - a^2x^6 + 2a^2x^4 - 3a^2x^2 + a^2 + 2a^{-2}x^4 - 2a^{-2}x^2 - a^{-6}x^2$

$KBSM(\overline{5_{15}}) = -a^6x^2 + 2a^2x^4 - 2a^2x^2 - a^{-2}x^6 + 2a^{-2}x^4 - 3a^{-2}x^2 + a^{-2} + 2a^{-6}x^4 - 2a^{-6}x^2 + a^{-6} - a^{-10}x^2$

$KBSM(5_{16}) = a^8x^3 - a^4x^5 + a^4x^3 - a^4x + x^5 - 2a^{-4}x^3 + a^{-4}x + a^{-8}x$

$KBSM(\overline{5_{16}}) = a^8x - 2a^4x^3 + a^4x + x^5 - a^{-4}x^5 + a^{-4}x^3 - a^{-4}x + a^{-8}x^3$

$KBSM(5_{17}) = a^{14}x^2 - a^{10}x^4 + a^{10}x^2 - a^{10} + a^6x^4 + a^6x^2 - a^6 - a^2x^4 + a^{-2}x^2$

$KBSM(\overline{5_{17}}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 + a^{-6}x^2 - a^{-6} - a^{-10}x^4 + a^{-10}x^2 - a^{-10} + a^{-14}x^2$

$KBSM(5_{18}) = -a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^4 - 3a^{-10}x^2 + a^{-10} - a^{-14}x^4 + a^{-14} + a^{-18}x^2$

$KBSM(\overline{5_{18}}) = a^{18}x^2 - a^{14}x^4 + a^{14} + 2a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + a^6x^2$

$KBSM(5_{19}) = -a^4x^3 + x^5 - x^3 - a^{-4}x^5 + 2a^{-4}x^3 - 2a^{-4}x + a^{-8}x^3 - a^{-8}x$

$KBSM(\overline{5_{19}}) = a^8x^3 - a^8x - a^4x^5 + 2a^4x^3 - 2a^4x + x^5 - x^3 - a^{-4}x^3$

$KBSM(5_{20}) = a^2x^4 - a^2x^2 - a^{-2}x^6 + 3a^{-2}x^4 - 4a^{-2}x^2 + a^{-2} + 2a^{-6}x^4 - 3a^{-6}x^2 + a^{-6} - a^{-10}x^2$

$KBSM(\overline{5_{20}}) = -a^{10}x^2 + 2a^6x^4 - 3a^6x^2 + a^6 - a^2x^6 + 3a^2x^4 - 4a^2x^2 + a^2 + a^{-2}x^4 - a^{-2}x^2$

$KBSM(5_{21}) = a^{12}x^3 - a^8x^5 + a^8x^3 + a^4x^5 - a^4x^3 - x^3 + x$

$KBSM(\overline{5_{21}}) = -x^3 + x + a^{-4}x^5 - a^{-4}x^3 - a^{-8}x^5 + a^{-8}x^3 + a^{-12}x^3$

$KBSM(5_{22}) = -a^6x^2 + a^2x^4 - a^2x^2 - a^{-2}x^4 + a^{-2} + a^{-6}x^2 + a^{-6}$

$KBSM(\overline{5_{22}}) = a^6x^2 + a^6 - a^2x^4 + a^2 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^2$

$KBSM(5_{23}) = -a^{12}x + a^8x^3 - a^8x - a^4x^3 + a^4x + 2x$

$KBSM(\overline{5_{23}}) = 2x - a^{-4}x^3 + a^{-4}x + a^{-8}x^3 - a^{-8}x - a^{-12}x$

$KBSM(5_{24}) = -a^{-6}x^4 + 3a^{-6}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}$

$KBSM(\overline{5_{24}}) = -a^{18} + a^{14}x^2 - a^{14} - a^6x^4 + 3a^6x^2$

$KBSM(5_{25}) = -a^{-6}x^2 + 2a^{-10}x^2 - a^{-14}x^4 - a^{-14}x^2 + a^{-14} + a^{-18}x^4 + a^{-18}x^2 - 2a^{-22}x^2 + a^{-26}$

$KBSM(\overline{5_{25}}) = a^{26} - 2a^{22}x^2 + a^{18}x^4 + a^{18}x^2 - a^{14}x^4 - a^{14}x^2 + a^{14} + 2a^{10}x^2 - a^6x^2$

$KBSM(5_{26}) = -x + a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-16}x^3 - a^{-16}x + a^{-20}x$

$KBSM(\overline{5_{26}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - 2a^8x^3 + a^8x + a^4x^3 + a^4x - x$

$KBSM(5_{27}) = -x + a^{-4}x^3 + a^{-4}x - 2a^{-8}x^3 + a^{-8}x + 2a^{-12}x^3 - a^{-16}x^3 - a^{-16}x + a^{-20}x$

$KBSM(\overline{5_{27}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - 2a^8x^3 + a^8x + a^4x^3 + a^4x - x$

$KBSM(5_{28}) = a^{14}x^2 - 2a^{10}x^2 + 3a^6x^2 - a^6 - a^2x^4 + 2a^{-2}x^2 - a^{-6}$

$KBSM(\overline{5_{28}}) = -a^6 + 2a^2x^2 - a^{-2}x^4 + 3a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^2$

$KBSM(5_{29}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 - a^{-10} + a^{-14}$

$KBSM(\overline{5_{29}}) = a^{14} - a^{10}x^2 - a^{10} + 2a^6x^2 - a^6 - 2a^2x^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$

$KBSM(5_{30}) = a^8x - a^4x + 2x - a^{-4}x^3 + a^{-8}x^3 - a^{-12}x$

$KBSM(\overline{5_{30}}) = -a^{12}x + a^8x^3 - a^4x^3 + 2x - a^{-4}x + a^{-8}x$

$KBSM(5_{31}) = a^8x - 2a^4x + x^3 + x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x^3 + a^{-8}x - a^{-12}x$

$KBSM(\overline{5_{31}}) = -a^{12}x + a^8x^3 + a^8x - 2a^4x^3 + a^4x + x^3 + x - 2a^{-4}x + a^{-8}x$

$KBSM(5_{32}) = a^8x - 2a^4x + x^3 - a^{-4}x^3 - a^{-4}x + a^{-8}x^3 - a^{-12}x$

$KBSM(\overline{5_{32}}) = -a^{12}x + a^8x^3 - a^4x^3 - a^4x + x^3 - 2a^{-4}x + a^{-8}x$

$KBSM(5_{33}) = -a^6x^2 + 2a^2x^2 - a^2 - 2a^{-2}x^2 + a^{-2} + a^{-6}x^2 + a^{-6} - a^{-10}x^2 + a^{-14}$

$KBSM(\overline{5_{33}}) = a^{14} - a^{10}x^2 + a^6x^2 + a^6 - 2a^2x^2 + a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2$

$KBSM(5_{34}) = -a^6x^2 + 3a^2x^2 - a^2 - a^{-2}x^4 + 3a^{-6}x^2 - a^{-6} - a^{-10}x^2 - a^{-10} + a^{-14}$

$KBSM(\overline{5_{34}}) = a^{14} - a^{10}x^2 - a^{10} + 3a^6x^2 - a^6 - a^2x^4 + 3a^{-2}x^2 - a^{-2} - a^{-6}x^2$

$KBSM(5_{35}) = -a^{-6}x^2 + 2a^{-10}x^2 - a^{-10} - a^{-14}x^4 - a^{-14} + a^{-18}x^4 + a^{-18}x^2 - a^{-18} - 2a^{-22}x^2 + a^{-26}$

$KBSM(\overline{5_{35}}) = a^{26} - 2a^{22}x^2 + a^{18}x^4 + a^{18}x^2 - a^{18} - a^{14}x^4 - a^{14} + 2a^{10}x^2 - a^{10} - a^6x^2$

$KBSM(5_{36}) = -x + a^{-4}x^3 - a^{-8}x^3 - a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x^3 - a^{-16}x + a^{-20}x$

$KBSM(\overline{5_{36}}) = a^{20}x - a^{16}x^3 - a^{16}x + 2a^{12}x^3 - a^{12}x - a^8x^3 - a^8x + a^4x^3 - x$

$KBSM(5_{37}) = a^{14}x^2 - 2a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-6}$

$KBSM(\overline{5_{37}}) = -a^6 + a^2x^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - 2a^{-10}x^2 + a^{-14}x^2$

$KBSM(5_{38}) = -a^{-2} + a^{-6}x^2 - a^{-6} - a^{-10}x^4 + a^{-10}x^2 - a^{-10} + a^{-14}x^4 - a^{-14}x^2 - a^{-18}x^2 + a^{-18}$

$KBSM(\overline{5_{38}}) = -a^{18}x^2 + a^{18} + a^{14}x^4 - a^{14}x^2 - a^{10}x^4 + a^{10}x^2 - a^{10} + a^6x^2 - a^6 - a^2$

$KBSM(5_{39}) = -a^{12}x^3 + a^{12}x + 2a^8x^3 - 2a^8x - a^4x^3 + x^3 - x - a^{-4}x$

$KBSM(\overline{5_{39}}) = -a^4x + x^3 - x - a^{-4}x^3 + 2a^{-8}x^3 - 2a^{-8}x - a^{-12}x^3 + a^{-12}x$

$KBSM(5_{40}) = a^{-8}x^3 - a^{-8}x - a^{-12}x^3 + a^{-12}x + a^{-16}x^3 - a^{-16}x - a^{-20}x^3 + a^{-20}x + a^{-24}x$
$KBSM(\overline{5_{40}}) = a^{24}x - a^{20}x^3 + a^{20}x + a^{16}x^3 - a^{16}x - a^{12}x^3 + a^{12}x + a^8x^3 - a^8x$
$KBSM(5_{41}) = a^{18} + a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6 + a^2x^2 - a^2$
$KBSM(\overline{5_{41}}) = a^{-2}x^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10} + a^{-18}$
$KBSM(5_{42}) = a^{-4}x^3 - a^{-4}x - a^{-8}x^3 + a^{-12}x^3 - a^{-16}x^3 + a^{-16}x + a^{-20}x$
$KBSM(\overline{5_{42}}) = a^{20}x - a^{16}x^3 + a^{16}x + a^{12}x^3 - a^8x^3 + a^4x^3 - a^4x$
$KBSM(5_{43}) = a^6x^2 - a^2x^4 + a^2x^2 + a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^2 - a^{-10}$
$KBSM(\overline{5_{43}}) = a^{10}x^2 - a^{10} - a^6x^4 + 2a^6x^2 - a^6 + a^2x^4 - a^2x^2 - a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^2$
$KBSM(5_{44}) = -x^3 + x + a^{-4}x^5 - a^{-4}x^3 - a^{-8}x^5 + a^{-8}x^3 - a^{-8}x + 2a^{-12}x^3 - 2a^{-12}x - a^{-16}x$
$KBSM(\overline{5_{44}}) = -a^{16}x + 2a^{12}x^3 - 2a^{12}x - a^8x^5 + a^8x^3 - a^8x + a^4x^5 - a^4x^3 - x^3 + x$
$KBSM(5_{45}) = -a^{10}x^2 + a^6x^4 - 2a^2x^4 + 2a^2x^2 + a^{-2}x^4 - a^{-2}x^2 + a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(\overline{5_{45}}) = -a^6x^2 + a^6 + a^2x^4 - a^2x^2 + a^2 - 2a^{-2}x^4 + 2a^{-2}x^2 + a^{-6}x^4 - a^{-10}x^2$
$KBSM(5_{46}) = -x^3 + x + a^{-4}x^5 - a^{-4}x^3 + a^{-4}x - a^{-8}x^5 + a^{-8}x + 2a^{-12}x^3 - a^{-12}x - a^{-16}x$
$KBSM(\overline{5_{46}}) = -a^{16}x + 2a^{12}x^3 - a^{12}x - a^8x^5 + a^8x + a^4x^5 - a^4x^3 + a^4x - x^3 + x$
$KBSM(5_{47}) = -a^{10}x^2 + 2a^6x^4 - 2a^6x^2 - a^2x^6 + 2a^2x^4 - 2a^2x^2 + 2a^{-2}x^4 - 3a^{-2}x^2 + a^{-2} - a^{-6}x^2 + a^{-6}$
$KBSM(\overline{5_{47}}) = -a^6x^2 + a^6 + 2a^2x^4 - 3a^2x^2 + a^2 - a^{-2}x^6 + 2a^{-2}x^4 - 2a^{-2}x^2 + 2a^{-6}x^4 - 2a^{-6}x^2 - a^{-10}x^2$
$KBSM(5_{48}) = a^4x^3 - a^4x - x^5 + 2x^3 - x + a^{-4}x^5 - a^{-4}x^3 - 2a^{-8}x^3 + 2a^{-8}x + a^{-12}x$
$KBSM(\overline{5_{48}}) = a^{12}x - 2a^8x^3 + 2a^8x + a^4x^5 - a^4x^3 - x^5 + 2x^3 - x + a^{-4}x^3 - a^{-4}x$
$KBSM(5_{49}) = a^{14}x^2 - a^{10}x^4 + a^{10}x^2 + a^6x^4 - a^2x^4 + a^2x^2 - a^2 + a^{-2}x^2 - a^{-2}$
$KBSM(\overline{5_{49}}) = a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + a^{-6}x^4 - a^{-10}x^4 + a^{-10}x^2 + a^{-14}x^2$
$KBSM(5_{50}) = -a^{-6}x^2 + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + 2a^{-18}x^2 - a^{-22}x^2 + a^{-26}$
$KBSM(\overline{5_{50}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2$
$KBSM(5_{51}) = a^{-4}x - a^{-8}x + a^{-12}x^3 + a^{-12}x - 2a^{-16}x^3 + a^{-16}x + a^{-20}x^3 - a^{-24}x$
$KBSM(\overline{5_{51}}) = -a^{24}x + a^{20}x^3 - 2a^{16}x^3 + a^{16}x + a^{12}x^3 + a^{12}x - a^8x + a^4x$
$KBSM(5_{52}) = -a^{16}x + a^{12}x - a^8x + a^4x^3 - x^3 + x + a^{-4}x$
$KBSM(\overline{5_{52}}) = a^4x - x^3 + x + a^{-4}x^3 - a^{-8}x + a^{-12}x - a^{-16}x$
$KBSM(5_{53}) = a^{-2}x^2 - a^{-6}x^4 + a^{-6}x^2 + 2a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}$
$KBSM(\overline{5_{53}}) = -a^{22} + a^{18}x^2 - a^{14}x^2 + 2a^{10}x^2 - a^{10} - a^6x^4 + a^6x^2 + a^2x^2$
$KBSM(5_{54}) = a^{20}x - a^{16}x^3 + a^{12}x^3 + a^{12}x - a^8x^3 + a^4x^3 - x$
$KBSM(\overline{5_{54}}) = -x + a^{-4}x^3 - a^{-8}x^3 + a^{-12}x^3 + a^{-12}x - a^{-16}x^3 + a^{-20}x$
$KBSM(5_{55}) = -a^{18}x^2 + a^{14}x^4 - a^{10}x^4 - a^{10}x^2 + a^{10} + 2a^6x^2 - a^2x^2 + a^{-2}$
$KBSM(\overline{5_{55}}) = a^2 - a^{-2}x^2 + 2a^{-6}x^2 - a^{-10}x^4 - a^{-10}x^2 + a^{-10} + a^{-14}x^4 - a^{-18}x^2$
$KBSM(5_{56}) = a^{14}x^2 - 2a^{10}x^2 + a^{10} + 2a^6x^2 - a^2x^4 + a^2x^2 - a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}$
$KBSM(\overline{5_{56}}) = -a^6 + 2a^2x^2 - a^2 - a^{-2}x^4 + a^{-2}x^2 - a^{-2} + 2a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}x^2$
$KBSM(5_{57}) = -a^{-2}x^2 + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-18}x^2 + a^{-18} + a^{-22}$
$KBSM(\overline{5_{57}}) = a^{22} - a^{18}x^2 + a^{18} + a^{14}x^2 - a^{10}x^2 + a^6x^2 - a^2x^2$
$KBSM(5_{58}) = -a^4x + x^3 - a^{-4}x^3 + a^{-8}x^3 - a^{-12}x^3 + a^{-12}x + a^{-16}x$
$KBSM(\overline{5_{58}}) = a^{16}x - a^{12}x^3 + a^{12}x + a^8x^3 - a^4x^3 + x^3 - a^{-4}x$
$KBSM(5_{59}) = a^2x^2 - a^{-2}x^4 + a^{-6}x^4 + a^{-6}x^2 - a^{-10}x^4 + 2a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{5_{59}}) = -a^{18} + 2a^{14}x^2 - a^{14} - a^{10}x^4 + a^6x^4 + a^6x^2 - a^2x^4 + a^{-2}x^2$
$KBSM(5_{60}) = a^8x - a^4x^3 + 2x^3 - 2a^{-4}x^3 + a^{-4}x + a^{-8}x^3 - a^{-12}x$
$KBSM(\overline{5_{60}}) = -a^{12}x + a^8x^3 - 2a^4x^3 + a^4x + 2x^3 - a^{-4}x^3 + a^{-8}x$
$KBSM(5_{61}) = a^2x^2 - a^{-2}x^4 - a^{-2}x^2 + 2a^{-6}x^4 - a^{-6}x^2 - a^{-10}x^4 - a^{-10}x^2 + 2a^{-14}x^2 - a^{-14} - a^{-18}$
$KBSM(\overline{5_{61}}) = -a^{18} + 2a^{14}x^2 - a^{14} - a^{10}x^4 - a^{10}x^2 + 2a^6x^4 - a^6x^2 - a^2x^4 - a^2x^2 + a^{-2}x^2$
$KBSM(5_{62}) = a^8x - 2a^4x^3 + x^5 + x^3 - x - a^{-4}x^5 - a^{-4}x + 2a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(\overline{5_{62}}) = -a^{12}x + 2a^8x^3 - a^8x - a^4x^5 - a^4x + x^5 + x^3 - x - 2a^{-4}x^3 + a^{-8}x$
$KBSM(5_{63}) = -a^6x^2 + a^2x^4 - 2a^{-2}x^4 + a^{-2}x^2 + a^{-6}x^4 + a^{-6}x^2 - 2a^{-10}x^2 + a^{-10} + a^{-14}$
$KBSM(\overline{5_{63}}) = a^{14} - 2a^{10}x^2 + a^{10} + a^6x^4 + a^6x^2 - 2a^2x^4 + a^2x^2 + a^{-2}x^4 - a^{-6}x^2$
$KBSM(5_{64}) = a^8x - 2a^4x^3 + a^4x + x^5 + x - a^{-4}x^5 + 2a^{-8}x^3 - a^{-8}x - a^{-12}x$
$KBSM(\overline{5_{64}}) = -a^{12}x + 2a^8x^3 - a^8x - a^4x^5 + x^5 + x - 2a^{-4}x^3 + a^{-4}x + a^{-8}x$

$KBSM(5_{65}) = -a^6x^2+2a^2x^4-a^2x^2-a^{-2}x^6+a^{-2}x^4-2a^{-2}x^2+3a^{-6}x^4-2a^{-6}x^2-3a^{-10}x^2+a^{-10}+a^{-14}$

$KBSM(\overline{5_{65}}) = a^{14} - 3a^{10}x^2 + a^{10} + 3a^6x^4 - 2a^6x^2 - a^2x^6 + a^2x^4 - 2a^2x^2 + 2a^{-2}x^4 - a^{-2}x^2 - a^{-6}x^2$

$KBSM(5_{66}) = a^{10}x^2 - a^6x^4 + a^6x^2 + a^2x^4 - a^{-2}x^4 + 2a^{-6}x^2 - a^{-6} - a^{-10}$

$KBSM(\overline{5_{66}}) = -a^{10} + 2a^6x^2 - a^6 - a^2x^4 + a^{-2}x^4 - a^{-6}x^4 + a^{-6}x^2 + a^{-10}x^2$

$KBSM(5_{67}) = -a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - a^{-10}x^2 - a^{-14}x^4 + 2a^{-14}x^2 - a^{-14} + a^{-18}x^2 - a^{-18}$

$KBSM(\overline{5_{67}}) = a^{18}x^2 - a^{18} - a^{14}x^4 + 2a^{14}x^2 - a^{14} + a^{10}x^4 - a^{10}x^2 - a^6x^4 + 2a^6x^2$

$KBSM(5_{68}) = -a^8x^3 + a^8x + a^4x^5 - 2a^4x^3 - x^5 + 3x^3 - 2x + a^{-4}x^3 - 2a^{-4}x$

$KBSM(\overline{5_{68}}) = a^4x^3 - 2a^4x - x^5 + 3x^3 - 2x + a^{-4}x^5 - 2a^{-4}x^3 - a^{-8}x^3 + a^{-8}x$

$KBSM(5_{69}) = a^{-2}x^4 - 2a^{-2}x^2 - a^{-6}x^6 + 3a^{-6}x^4 - 2a^{-6}x^2 + 2a^{-10}x^4 - 4a^{-10}x^2 + a^{-10} - a^{-14}x^2 + a^{-14}$

$KBSM(\overline{5_{69}}) = -a^{14}x^2 + a^{14} + 2a^{10}x^4 - 4a^{10}x^2 + a^{10} - a^6x^6 + 3a^6x^4 - 2a^6x^2 + a^2x^4 - 2a^2x^2$

$KBSM(5_{70}) = a^{12}x^3 - a^{12}x - a^8x^5 + 2a^8x^3 - a^8x + a^4x^5 - 2a^4x^3 + a^4x - x^3 + 2x$

$KBSM(\overline{5_{70}}) = -x^3 + 2x + a^{-4}x^5 - 2a^{-4}x^3 + a^{-4}x - a^{-8}x^5 + 2a^{-8}x^3 - a^{-8}x + a^{-12}x^3 - a^{-12}x$

$KBSM(5_{71}) = a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2 - a^2 + a^{-2}x^2 - a^{-2} - a^{-6}$

$KBSM(\overline{5_{71}}) = -a^6 + a^2x^2 - a^2 - a^{-2} - a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 3a^{-10}x^2 + a^{-10}$

$KBSM(5_{72}) = a^{-8}x^5 - 3a^{-8}x^3 + 2a^{-8}x - a^{-12}x^5 + 2a^{-12}x^3 + a^{-16}x^3 - a^{-16}x$

$KBSM(\overline{5_{72}}) = a^{16}x^3 - a^{16}x - a^{12}x^5 + 2a^{12}x^3 + a^8x^5 - 3a^8x^3 + 2a^8x$

$KBSM(5_{73}) = a^6x^4 - 2a^6x^2 + a^6 - a^2x^6 + 4a^2x^4 - 5a^2x^2 + a^2 + a^{-2}x^4 - 2a^{-2}x^2$

$KBSM(\overline{5_{73}}) = a^2x^4 - 2a^2x^2 - a^{-2}x^6 + 4a^{-2}x^4 - 5a^{-2}x^2 + a^{-2} + a^{-6}x^4 - 2a^{-6}x^2 + a^{-6}$

$KBSM(5_{74}) = -a^{-10}x^4 + 3a^{-10}x^2 - a^{-10} + a^{-18}x^2 - a^{-22}$

$KBSM(\overline{5_{74}}) = -a^{22} + a^{18}x^2 - a^{10}x^4 + 3a^{10}x^2 - a^{10}$

$KBSM(5_{75}) = a^{10}x^4 - 3a^{10}x^2 + a^{10} - a^6x^4 + 2a^6x^2 + a^{-2}$

$KBSM(\overline{5_{75}}) = a^2 - a^{-6}x^4 + 2a^{-6}x^2 + a^{-10}x^4 - 3a^{-10}x^2 + a^{-10}$

$KBSM(5_{76}) = a^4x^3 - 2a^4x - x^3 + x + a^{-4}x^3 - 2a^{-4}x$

$KBSM(\overline{5_{76}}) = a^4x^3 - 2a^4x - x^3 + x + a^{-4}x^3 - 2a^{-4}x$

$KBSM(5_{77}) = -a^6x^2 + a^6 + 2a^2x^2 - a^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2 - a^{-10}$

$KBSM(\overline{5_{77}}) = -a^{10} + a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + 2a^{-2}x^2 - a^{-2} - a^{-6}x^2 + a^{-6}$

$KBSM(5_{78}) = a^4x^3 - 2a^4x - x^3 + 2x + a^{-8}x$

$KBSM(\overline{5_{78}}) = a^8x - x^3 + 2x + a^{-4}x^3 - 2a^{-4}x$

$KBSM(5_{79}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - a^{-14}x^4 + a^{-14}x^2 + a^{-18}x^4 - a^{-18}x^2 + a^{-18} - a^{-22}x^2$

$KBSM(\overline{5_{79}}) = -a^{22}x^2 + a^{18}x^4 - a^{18}x^2 + a^{18} - a^{14}x^4 + a^{14}x^2 + a^{10}x^2 - a^6x^2 + a^6$

$KBSM(5_{80}) = a^{14}x^2 - a^{14} - a^{10}x^2 + a^6x^2 - a^2x^4 + 2a^2x^2 - a^2 + a^{-2}x^2$

$KBSM(\overline{5_{80}}) = a^2x^2 - a^{-2}x^4 + 2a^{-2}x^2 - a^{-2} + a^{-6}x^2 - a^{-10}x^2 + a^{-14}x^2 - a^{-14}$

$KBSM(5_{81}) = -a^{-10}x^4 + 3a^{-10}x^2 - a^{-10} - a^{-14} + 2a^{-18}x^2 - a^{-18} - a^{-22}x^2 + a^{-26}$

$KBSM(\overline{5_{81}}) = a^{26} - a^{22}x^2 + 2a^{18}x^2 - a^{18} - a^{14} - a^{10}x^4 + 3a^{10}x^2 - a^{10}$

$KBSM(5_{82}) = -a^{-6}x^4 + 2a^{-6}x^2 - a^{-6} + a^{-10}x^4 - a^{-10} - a^{-14}x^4 + a^{-14}x^2 + a^{-18}x^2$

$KBSM(\overline{5_{82}}) = a^{18}x^2 - a^{14}x^4 + a^{14}x^2 + a^{10}x^4 - a^{10} - a^6x^4 + 2a^6x^2 - a^6$

$KBSM(5_{83}) = -a^4x^3 + a^4x + x^5 - 2x^3 + 2x - a^{-4}x^5 + 2a^{-4}x^3 - a^{-4}x + a^{-8}x^3 - a^{-8}x$

$KBSM(\overline{5_{83}}) = a^8x^3 - a^8x - a^4x^5 + 2a^4x^3 - a^4x + x^5 - 2x^3 + 2x - a^{-4}x^3 + a^{-4}x$

$KBSM(5_{84}) = a^{-2}x^4 - 2a^{-2}x^2 + a^{-2} - a^{-6}x^6 + 3a^{-6}x^4 - 3a^{-6}x^2 + a^{-6} + 2a^{-10}x^4 - 3a^{-10}x^2 - a^{-14}x^2$

$KBSM(\overline{5_{84}}) = -a^{14}x^2 + 2a^{10}x^4 - 3a^{10}x^2 - a^6x^6 + 3a^6x^4 - 3a^6x^2 + a^6 + a^2x^4 - 2a^2x^2 + a^2$

$KBSM(5_{85}) = -a^{-10}x^6 + 5a^{-10}x^4 - 6a^{-10}x^2 + a^{-10} + a^{-14}x^4 - 3a^{-14}x^2 + a^{-14}$

$KBSM(\overline{5_{85}}) = a^{14}x^4 - 3a^{14}x^2 + a^{14} - a^{10}x^6 + 5a^{10}x^4 - 6a^{10}x^2 + a^{10}$

$KBSM(5_{86}) = a^{14} - a^{10}x^2 + 2a^6x^2 - a^6 - 2a^2x^2 + a^{-2}x^2 - a^{-2} - a^{-6}$

$KBSM(\overline{5_{86}}) = -a^6 + a^2x^2 - a^2 - 2a^{-2}x^2 + 2a^{-6}x^2 - a^{-6} - a^{-10}x^2 + a^{-14}$

$KBSM(5_{87}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - a^{-10} - a^{-14}x^2 + a^{-18} + a^{-26}$

$KBSM(\overline{5_{87}}) = a^{26} + a^{18} - a^{14}x^2 + a^{10}x^2 - a^{10} - a^6x^2 + a^6$

$KBSM(5_{88}) = -a^{-6}x^2 + a^{-6} + a^{-10}x^2 - 2a^{-14}x^2 + a^{-14} + a^{-18}x^2 - a^{-22} + a^{-26}$

$KBSM(\overline{5_{88}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + a^{14} + a^{10}x^2 - a^6x^2 + a^6$

$KBSM(5_{89}) = -a^{-6}x^2 + 2a^{-10}x^2 - 2a^{-10} - 2a^{-14}x^2 + a^{-18}x^2 - a^{-22} + a^{-26}$

$KBSM(\overline{5_{89}}) = a^{26} - a^{22} + a^{18}x^2 - 2a^{14}x^2 + 2a^{10}x^2 - 2a^{10} - a^6x^2$

$KBSM(5_{90}) = -a^{-2} + a^{-6} - a^{-10}x^2 + a^{-14}x^2 - a^{-14} - a^{-18}x^2 + a^{-22}x^2 - a^{-22}$
$KBSM(\overline{5_{90}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{14}x^2 - a^{14} - a^{10}x^2 + a^6 - a^2$
$KBSM(5_{91}) = -a^{-2} - a^{-10} - a^{-18}x^2 + a^{-18} + a^{-22}x^2 - a^{-22}$
$KBSM(\overline{5_{91}}) = a^{22}x^2 - a^{22} - a^{18}x^2 + a^{18} - a^{10} - a^2$
$KBSM(5_{92}) = a^{-4}x - 2a^{-8}x + a^{-12}x^3 + a^{-12}x - a^{-16}x^3 + 2a^{-20}x - a^{-24}x$
$KBSM(\overline{5_{92}}) = -a^{24}x + 2a^{20}x - a^{16}x^3 + a^{12}x^3 + a^{12}x - 2a^8x + a^4x$
$KBSM(5_{93}) = -a^{-10}x^2 + a^{-10} + a^{-30}$
$KBSM(\overline{5_{93}}) = a^{30} - a^{10}x^2 + a^{10}$
$KBSM(5_{94}) = -a^{-6} - a^{-14}x^2 + a^{-18}x^2 - a^{-22}x^2 + a^{-26}x^2 - a^{-26}$
$KBSM(\overline{5_{94}}) = a^{26}x^2 - a^{26} - a^{22}x^2 + a^{18}x^2 - a^{14}x^2 - a^6$
$KBSM(5_{95}) = -a^{-6} - a^{-14}x^2 - a^{-14} + 2a^{-18}x^2 - a^{-18} - 2a^{-22}x^2 + a^{-22} + a^{-26}x^2$
$KBSM(\overline{5_{95}}) = a^{26}x^2 - 2a^{22}x^2 + a^{22} + 2a^{18}x^2 - a^{18} - a^{14}x^2 - a^{14} - a^6$

3 The HOMFLY skein modules

Knots in the solid torus

$HSM(0_1) = t_1$
$HSM(1_1) = t_2$
$HSM(\overline{1_1}) = v^{-2}t_2 - v^{-1}zt_1^2$
$HSM(2_1) = vzt_{-1}t_1 - v^3z^{-1} + vz^{-1}$
$HSM(\overline{2_1}) = -v^{-1}zt_{-1}t_1 - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(*2_2) = -v^{-1}zt_1t_2 + v^{-2}t_3$
$HSM(2_3) = t_3$
$HSM(\overline{2_3}) = v^{-2}z^2t_1^3 - 2v^{-3}zt_1t_2 + v^{-4}t_3$
$HSM(3_1) = vzt_{-1}t_2 + v^2t_1$
$HSM(\overline{3_1}) = v^{-2}z^2t_{-1}t_1^2 - v^{-3}zt_{-1}t_2 + v^{-2}t_1$
$HSM(3_2) = v^{-2}z^2t_1^2t_2 - v^{-3}zt_1t_3 - v^{-3}zt_2^2 + v^{-4}t_4$
$HSM(\overline{3_2}) = -v^{-1}zt_1t_3 + v^{-2}t_4$
$HSM(3_3) = vzt_1^2 + v^2t_2$
$HSM(\overline{3_3}) = -v^{-1}zt_1^2 - v^{-3}zt_1^2 + v^{-4}t_2$
$HSM(3_4) = -z^2t_{-1}t_1^2 + v^{-1}zt_{-1}t_2 + v^2t_1$
$HSM(\overline{3_4}) = -v^{-1}zt_{-1}t_2 + v^{-2}t_1$
$HSM(3_5) = -v^{-1}zt_2^2 + v^{-2}t_4$
$HSM(\overline{3_5}) = v^{-2}z^2t_1^2t_2 - 2v^{-3}zt_1t_3 + v^{-4}t_4$
$HSM(3_6) = t_4$
$HSM(\overline{3_6}) = -v^{-3}z^3t_1^4 + 3v^{-4}z^2t_1^2t_2 - 2v^{-5}zt_1t_3 - v^{-5}zt_2^2 + v^{-6}t_4$
$HSM(3_7) = v^3zt_1^2 + v^2z^2t_2 + v^2t_2$
$HSM(\overline{3_7}) = -v^{-3}z^3t_1^2 - 2v^{-3}zt_1^2 + v^{-4}z^2t_2 + v^{-4}t_2$
$HSM(3_8) = v^3zt_{-1}t_1 - v^3z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{3_8}) = -v^{-3}zt_{-1}t_1 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z + v^{-3}z^{-1}$
$HSM(4_1) = vzt_{-1}t_3 + v^2t_2$
$HSM(\overline{4_1}) = -v^{-3}z^3t_{-1}t_1^3 + 2v^{-4}z^2t_{-1}t_1t_2 - v^{-5}zt_{-1}t_3 - v^{-3}zt_1^2 + v^{-4}t_2$
$HSM(4_2) = -v^{-3}z^3t_1^3t_2 + v^{-4}z^2t_1^2t_3 + 2v^{-4}z^2t_1t_2^2 - v^{-5}zt_1t_4 - 2v^{-5}zt_2t_3 + v^{-6}t_5$
$HSM(\overline{4_2}) = -v^{-1}zt_1t_4 + v^{-2}t_5$
$HSM(4_3) = v^2z^2t_{-1}t_1^2 - v^4t_1 + 2v^2t_1$
$HSM(\overline{4_3}) = v^{-2}z^2t_{-1}t_1^2 + 2v^{-2}t_1 - v^{-4}t_1$
$HSM(4_4) = -z^2t_{-1}t_1t_2 + v^{-1}zt_{-1}t_3 - vzt_1^2 + t_2$
$HSM(\overline{4_4}) = v^{-2}z^2t_{-1}t_1t_2 - v^{-3}zt_{-1}t_3 + v^{-2}t_2$
$HSM(4_5) = v^{-2}z^2t_1t_2^2 - 2v^{-3}zt_2t_3 + v^{-4}t_5$
$HSM(\overline{4_5}) = v^{-2}z^2t_1^2t_3 - 2v^{-3}zt_1t_4 + v^{-4}t_5$
$HSM(4_6) = v^3z^3t_{-1}t_1 + 2v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z + v^3z^{-1}$
$HSM(\overline{4_6}) = -v^{-3}z^3t_{-1}t_1 - 2v^{-3}zt_{-1}t_1 - v^{-3}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(4_7) = v^3zt_{-1}t_2 + v^2z^2t_1 + v^2t_1$
$HSM(\overline{4_7}) = v^{-4}z^2t_{-1}t_1^2 - v^{-5}zt_{-1}t_2 + v^{-2}z^2t_1 + v^{-2}t_1$
$HSM(4_8) = -v^{-3}z^3t_1t_2 - 2v^{-3}zt_1t_2 + v^{-4}z^2t_3 + v^{-4}t_3$
$HSM(\overline{4_8}) = -v^2z^2t_1^3 - vz^3t_1t_2 + z^2t_3 + t_3$
$HSM(4_9) = -v^{-3}zt_1^2 + v^{-2}z^2t_2 + v^{-2}t_2$
$HSM(\overline{4_9}) = v^3zt_1^2 - vz^3t_1^2 - vzt_1^2 + z^2t_2 + t_2$
$HSM(4_{10}) = v^3zt_{-1}t_1 + vzt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{4_{10}}) = -v^{-1}zt_{-1}t_1 - v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(4_{11}) = -z^2t_1^3 - vzt_1t_2 + v^{-1}zt_1t_2 + t_3$
$HSM(\overline{4_{11}}) = -v^{-1}zt_1t_2 - v^{-3}zt_1t_2 + v^{-4}t_3$
$HSM(4_{12}) = -z^2t_{-1}t_1t_2 + v^{-1}zt_{-1}t_3 + v^2t_2$

$HSM(\overline{4_{12}}) = v^{-2}z^2t_{-1}t_1t_2 - v^{-3}zt_{-1}t_3 - v^{-3}zt_1^2 + v^{-4}t_2$
$HSM(*4_{13}) = -z^2t_{-1}t_1^2 + v^2t_1 - t_1 + v^{-2}t_1$
$HSM(*4_{14}) = v^{-2}z^2t_1t_2^2 - v^{-3}zt_1t_4 - v^{-3}zt_2t_3 + v^{-4}t_5$
$HSM(4_{15}) = -v^{-1}zt_{-2}t_2 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(\overline{4_{15}}) = -v^{-2}z^2t_{-2}t_1^2 + v^{-3}zt_{-2}t_2 + v^{-1}z^3t_{-1}^2t_1^2 - v^{-2}z^2t_{-1}^2t_2 - vzt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(4_{16}) = vzt_1t_2 + v^2t_3$
$HSM(\overline{4_{16}}) = v^{-2}z^2t_1^3 + v^{-4}z^2t_1^3 - v^{-3}zt_1t_2 - 2v^{-5}zt_1t_2 + v^{-6}t_3$
$HSM(4_{17}) = v^{-1}z^3t_{-1}t_1^3 - 2v^{-2}z^2t_{-1}t_1t_2 + v^{-3}zt_{-1}t_3 - vzt_1^2 + t_2$
$HSM(\overline{4_{17}}) = -v^{-1}zt_{-1}t_3 + v^{-2}t_2$
$HSM(4_{18}) = -v^{-1}zt_2t_3 + v^{-2}t_5$
$HSM(\overline{4_{18}}) = -v^{-3}z^3t_1^3t_2 + 2v^{-4}z^2t_1^2t_3 + v^{-4}z^2t_1t_2^2 - 2v^{-5}zt_1t_4 - v^{-5}zt_2t_3 + v^{-6}t_5$
$HSM(4_{19}) = v^{-2}z^2t_{-2}t_1^2 - v^{-3}zt_{-2}t_2 - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(\overline{4_{19}}) = -z^2t_{-2}t_1^2 + v^{-1}zt_{-2}t_2 - v^3z^{-1} + vz^{-1}$
$HSM(4_{20}) = vzt_{-2}t_2 + v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{4_{20}}) = v^{-4}z^2t_{-2}t_1^2 - v^{-5}zt_{-2}t_2 - v^{-3}z^3t_{-1}^2t_1^2 + v^{-4}z^2t_{-1}^2t_2 - v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(*4_{21}) = v^{-2}z^2t_1^2t_3 - v^{-3}zt_1t_4 - v^{-3}zt_2t_3 + v^{-4}t_5$
$HSM(4_{22}) = v^3zt_1t_2 + v^2z^2t_3 + v^2t_3$
$HSM(\overline{4_{22}}) = v^{-4}z^4t_1^3 + 2v^{-4}z^2t_1^3 - 2v^{-5}z^3t_1t_2 - 3v^{-5}zt_1t_2 + v^{-6}z^2t_3 + v^{-6}t_3$
$HSM(4_{23}) = -v^{-3}zt_{-1}t_2 + v^{-2}z^2t_1 + v^{-2}t_1$
$HSM(\overline{4_{23}}) = -v^2z^2t_{-1}t_1^2 + vzt_{-1}t_2 + v^2z^2t_1 + v^2t_1$
$HSM(4_{24}) = t_5$
$HSM(\overline{4_{24}}) = v^{-4}z^4t_1^5 - 4v^{-5}z^3t_1^3t_2 + 3v^{-6}z^2t_1^2t_3 + 3v^{-6}z^2t_1t_2^2 - 2v^{-7}zt_1t_4 - 2v^{-7}zt_2t_3 + v^{-8}t_5$
$HSM(4_{25}) = v^{-1}zt_{-1}t_1 - v^3z^{-1} + vz + vz^{-1} - v^{-1}z$
$HSM(\overline{4_{25}}) = -vzt_{-1}t_1 + vz - v^{-1}z - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(4_{26}) = -vzt_1^2 - z^2t_2 + v^{-2}t_2$
$HSM(\overline{4_{26}}) = -vzt_1^2 + v^{-1}z^3t_1^2 + v^{-1}zt_1^2 + t_2 - v^{-2}z^2t_2$
$HSM(*4_{27}) = z^2t_1^3 + v^{-1}z^3t_1t_2 - v^{-1}zt_1t_2 - v^{-2}z^2t_3 + v^{-2}t_3$
$HSM(5_1) = v^4z^2t_{-1}t_1^2 + v^3z^3t_{-1}t_2 + v^3zt_{-1}t_2 - v^6t_1 + v^4z^2t_1 + 2v^4t_1$
$HSM(\overline{5_1}) = v^{-4}z^4t_{-1}t_1^2 + 2v^{-4}z^2t_{-1}t_1^2 - v^{-5}z^3t_{-1}t_2 - v^{-5}zt_{-1}t_2 + v^{-4}z^2t_1 + 2v^{-4}t_1 - v^{-6}t_1$
$HSM(5_2) = -v^2z^2t_{-1}t_1t_2 + vzt_{-1}t_3 + v^2z^2t_2 + v^2t_2$
$HSM(\overline{5_2}) = v^{-4}z^2t_{-1}t_1t_2 - v^{-5}zt_{-1}t_3 - v^{-3}z^3t_1^2 - v^{-3}zt_1^2 + v^{-4}z^2t_2 + v^{-4}t_2$
$HSM(5_3) = -v^{-2}z^2t_{-1}t_1^2 + t_1 + v^{-2}z^2t_1$
$HSM(\overline{5_3}) = -v^2z^2t_{-1}t_1^2 + v^2z^2t_1 + t_1$
$HSM(5_4) = v^{-4}z^4t_1^2t_2 + 2v^{-4}z^2t_1^2t_2 - v^{-5}z^3t_1t_3 - 2v^{-5}zt_1t_3 - v^{-5}z^3t_2^2 - v^{-5}zt_2^2 + v^{-6}z^2t_4 + v^{-6}t_4$
$HSM(\overline{5_4}) = -v^2z^2t_1^2t_2 - vz^3t_1t_3 + z^2t_4 + t_4$
$HSM(5_5) = vzt_{-1}t_4 + v^2t_3$
$HSM(\overline{5_5}) = v^{-4}z^4t_{-1}t_1^4 - 3v^{-5}z^3t_{-1}t_1^2t_2 + 2v^{-6}z^2t_{-1}t_1t_3 + v^{-6}z^2t_{-1}t_2^2 - v^{-7}zt_{-1}t_4 + v^{-4}z^2t_1^3 - 2v^{-5}zt_1t_2 + v^{-6}t_3$
$HSM(5_6) = v^{-4}z^4t_1^4t_2 - v^{-5}z^3t_1^3t_3 - 3v^{-5}z^3t_1^2t_2^2 + v^{-6}z^2t_1^2t_4 + 4v^{-6}z^2t_1t_2t_3 - v^{-7}zt_1t_5 + v^{-6}z^2t_2^3 - 2v^{-7}zt_2t_4 - v^{-7}zt_3^2 + v^{-8}t_6$
$HSM(\overline{5_6}) = -v^{-1}zt_1t_5 + v^{-2}t_6$
$HSM(5_7) = v^2z^2t_{-1}^2t_2 + 2v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{5_7}) = v^{-4}z^2t_{-2}t_1^2 - v^{-3}z^3t_{-1}^2t_1^2 - 2v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(5_8) = -z^2t_{-1}t_1t_3 + v^{-1}zt_{-1}t_4 - vzt_1t_2 + t_3$
$HSM(\overline{5_8}) = -v^{-3}z^3t_{-1}t_1^2t_2 + v^{-4}z^2t_{-1}t_1t_3 + v^{-4}z^2t_{-1}t_2^2 - v^{-5}zt_{-1}t_4 - v^{-3}zt_1t_2 + v^{-4}t_3$
$HSM(5_9) = -v^{-3}z^3t_1^2t_2^2 + 2v^{-4}z^2t_1t_2t_3 + v^{-4}z^2t_2^3 - 2v^{-5}zt_2t_4 - v^{-5}zt_3^2 + v^{-6}t_6$
$HSM(\overline{5_9}) = v^{-2}z^2t_1^2t_4 - 2v^{-3}zt_1t_5 + v^{-4}t_6$
$HSM(5_{10}) = v^2z^2t_{-1}t_1^2 + v^3zt_{-1}t_2 + v^2t_1$
$HSM(\overline{5_{10}}) = v^{-2}z^2t_{-1}t_1^2 + v^{-4}z^2t_{-1}t_1^2 - v^{-5}zt_{-1}t_2 + v^{-2}t_1$
$HSM(5_{11}) = -vz^3t_{-1}t_1^3 + z^2t_{-1}t_1t_2 + v^3zt_1^2 - vzt_1^2 + t_2$

$HSM(\overline{5_{11}}) = v^{-2}z^2t_{-1}t_1t_2 - v^{-3}zt_1^2 + v^{-2}t_2$
$HSM(5_{12}) = -z^2t_{-1}t_2^2 + v^{-1}zt_{-1}t_4 - vzt_1t_2 + t_3$
$HSM(\overline{5_{12}}) = -v^{-3}z^3t_{-1}t_1^2t_2 + 2v^{-4}z^2t_{-1}t_1t_3 - v^{-5}zt_{-1}t_4 - v^{-3}zt_1t_2 + v^{-4}t_3$
$HSM(5_{13}) = -z^2t_{-1}^2t_2 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(\overline{5_{13}}) = -v^{-2}z^2t_{-2}t_1^2 + v^{-1}z^3t_{-1}^2t_1^2 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(5_{14}) = v^{-1}z^3t_{-1}t_1^2t_2 - v^{-2}z^2t_{-1}t_1t_3 - v^{-2}z^2t_{-1}t_2^2 + v^{-3}zt_{-1}t_4 - vzt_1t_2 + t_3$
$HSM(\overline{5_{14}}) = v^{-2}z^2t_{-1}t_1t_3 - v^{-3}zt_{-1}t_4 - v^{-3}zt_1t_2 + v^{-4}t_3$
$HSM(5_{15}) = -v^{-3}z^3t_1^2t_2^2 + 3v^{-4}z^2t_1t_2t_3 - v^{-5}zt_1t_5 - v^{-5}zt_2t_4 - v^{-5}zt_3^2 + v^{-6}t_6$
$HSM(\overline{5_{15}}) = v^{-2}z^2t_1t_2t_3 - v^{-3}zt_1t_5 - v^{-3}zt_2t_4 + v^{-4}t_6$
$HSM(5_{16}) = v^{-2}z^2t_{-2}t_1t_2 - v^{-3}zt_{-2}t_3 + v^{-2}t_1$
$HSM(\overline{5_{16}}) = -v^{-2}z^2t_{-2}t_1t_2 + v^{-3}zt_{-2}t_3 + v^{-1}z^3t_{-1}^2t_1t_2 - v^{-2}z^2t_{-1}^2t_3 + v^2t_1$
$HSM(5_{17}) = v^{-2}z^2t_1^2t_2 + v^{-4}z^2t_1^2t_2 - v^{-3}zt_1t_3 - v^{-5}zt_1t_3 - v^{-5}zt_2^2 + v^{-6}t_4$
$HSM(\overline{5_{17}}) = -z^2t_1^2t_2 - vzt_1t_3 + v^{-1}zt_1t_3 + t_4$
$HSM(5_{18}) = v^2z^2t_{-1}t_1t_2 + v^3zt_1^2 + v^2t_2$
$HSM(\overline{5_{18}}) = -v^{-3}z^3t_{-1}t_1^3 + v^{-4}z^2t_{-1}t_1t_2 - 2v^{-3}zt_1^2 + v^{-4}t_2$
$HSM(5_{19}) = v^{-1}z^3t_{-1}t_1^2t_2 - v^{-2}z^2t_{-1}t_1t_3 - v^{-2}z^2t_{-1}t_2^2 + v^{-3}zt_{-1}t_4 + z^2t_1^3 - 2v^{-1}zt_1t_2 + v^{-2}t_3$
$HSM(\overline{5_{19}}) = v^{-2}z^2t_{-1}t_1t_3 - v^{-3}zt_{-1}t_4 + v^{-2}t_3$
$HSM(5_{20}) = v^{-2}z^2t_1t_2t_3 - v^{-3}zt_2t_4 - v^{-3}zt_3^2 + v^{-4}t_6$
$HSM(\overline{5_{20}}) = -v^{-3}z^3t_1^3t_3 + 2v^{-4}z^2t_1^2t_4 + v^{-4}z^2t_1t_2t_3 - 2v^{-5}zt_1t_5 - v^{-5}zt_2t_4 + v^{-6}t_6$
$HSM(5_{21}) = v^{-4}z^2t_{-2}t_1t_2 - v^{-5}zt_{-2}t_3 - v^{-3}z^3t_{-1}^2t_1t_2 + v^{-4}z^2t_{-1}^2t_3 - v^{-3}zt_{-1}t_2 + v^{-4}t_1$
$HSM(\overline{5_{21}}) = -z^2t_{-2}t_1t_2 + v^{-1}zt_{-2}t_3 - v^2z^2t_{-1}t_1^2 + vzt_{-1}t_2 + v^4t_1$
$HSM(5_{22}) = -v^{-1}zt_{-1}t_3 + v^{-1}zt_1^2 + t_2$
$HSM(\overline{5_{22}}) = v^{-1}z^3t_{-1}t_1^3 - 2v^{-2}z^2t_{-1}t_1t_2 + v^{-3}zt_{-1}t_3 - vzt_1^2 - v^{-1}zt_1^2 + v^{-2}t_2$
$HSM(5_{23}) = -v^{-2}z^2t_{-1}t_1^2 + v^{-3}zt_{-1}t_2 + 2t_1 - v^{-2}t_1$
$HSM(\overline{5_{23}}) = -vzt_{-1}t_2 - v^2t_1 + 2t_1$
$HSM(5_{24}) = vzt_1t_3 - vzt_2^2 + t_4$
$HSM(\overline{5_{24}}) = -v^{-3}z^3t_1^4 + 3v^{-4}z^2t_1^2t_2 - 3v^{-5}zt_1t_3 + v^{-6}t_4$
$HSM(5_{25}) = v^3zt_{-1}t_3 + v^3z^3t_1^2 + v^3zt_1^2 + v^4z^2t_2 + v^4t_2$
$HSM(\overline{5_{25}}) = -v^{-5}z^3t_{-1}t_1^3 + 2v^{-6}z^2t_{-1}t_1t_2 - v^{-7}zt_{-1}t_3 - v^{-3}z^3t_1^2 - v^{-3}zt_1^2 - v^{-5}z^3t_1^2 - v^{-5}zt_1^2 + v^{-6}z^2t_2 + v^{-6}t_2$
$HSM(5_{26}) = -v^2z^4t_{-1}t_1^2 - v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + vzt_{-1}t_2 + v^4z^2t_1 + v^2t_1$
$HSM(\overline{5_{26}}) = -v^{-3}z^3t_{-1}t_2 - v^{-3}zt_{-1}t_2 + v^{-2}t_1 + v^{-4}z^2t_1$
$HSM(5_{27}) = -v^2z^4t_{-1}t_1^2 - v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + vzt_{-1}t_2 + v^4z^2t_1 + v^2t_1$
$HSM(\overline{5_{27}}) = -v^{-3}z^3t_{-1}t_2 - v^{-3}zt_{-1}t_2 + v^{-2}t_1 + v^{-4}z^2t_1$
$HSM(5_{28}) = -v^{-3}zt_1t_3 - v^{-3}z^3t_2^2 - v^{-3}zt_2^2 + v^{-4}z^2t_4 + v^{-4}t_4$
$HSM(\overline{5_{28}}) = vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 - 2v^{-1}z^3t_1t_3 - v^{-1}zt_1t_3 + v^{-2}z^2t_4 + v^{-2}t_4$
$HSM(5_{29}) = -vz^3t_{-1}t_1 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 + v^3z - vz - vz^{-1} + v^{-1}z^{-1}$
$HSM(\overline{5_{29}}) = -vzt_{-1}t_1 + v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z + v^{-1}z^{-1} - v^{-3}z$
$HSM(5_{30}) = -vzt_{-1}t_2 - z^2t_1 + v^{-2}t_1$
$HSM(\overline{5_{30}}) = -v^{-2}z^2t_{-1}t_1^2 + v^{-3}zt_{-1}t_2 + v^2t_1 - z^2t_1$
$HSM(5_{31}) = z^4t_{-1}t_1^2 + z^2t_{-1}t_1^2 - v^{-1}z^3t_{-1}t_2 - v^2z^2t_1 + t_1$
$HSM(\overline{5_{31}}) = z^2t_{-1}t_1^2 + v^{-1}z^3t_{-1}t_2 + t_1 - v^{-2}z^2t_1$
$HSM(5_{32}) = -vzt_1t_2 + v^{-1}z^3t_1t_2 + v^{-1}zt_1t_2 + t_3 - v^{-2}z^2t_3$
$HSM(\overline{5_{32}}) = z^2t_1^3 + v^{-1}z^3t_1t_2 - v^{-1}zt_1t_2 - v^{-3}zt_1t_2 - v^{-2}z^2t_3 + v^{-4}t_3$
$HSM(5_{33}) = v^{-1}zt_1^2 + v^2t_2 - z^2t_2$
$HSM(\overline{5_{33}}) = -vzt_1^2 + v^{-1}z^3t_1^2 - v^{-3}zt_1^2 - v^{-2}z^2t_2 + v^{-4}t_2$
$HSM(5_{34}) = z^2t_1^2t_2 - v^{-1}zt_1t_3 + v^{-1}z^3t_2^2 - v^{-2}z^2t_4 + v^{-2}t_4$
$HSM(\overline{5_{34}}) = -v^{-1}z^3t_1^4 - v^{-2}z^4t_1^2t_2 + 2v^{-2}z^2t_1^2t_2 + 2v^{-3}z^3t_1t_3 - v^{-3}zt_1t_3 - v^{-3}zt_2^2 - v^{-4}z^2t_4 + v^{-4}t_4$
$HSM(5_{35}) = v^3zt_{-2}t_2 + v^3z^3t_{-1}t_1 + v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z + v^3z^{-1}$
$HSM(\overline{5_{35}}) = v^{-6}z^2t_{-2}t_1^2 - v^{-7}zt_{-2}t_2 - v^{-5}z^3t_{-1}^2t_1^2 + v^{-6}z^2t_{-1}^2t_2 - v^{-3}z^3t_{-1}t_1 - v^{-3}zt_{-1}t_1 - v^{-3}z -$

$v^{-3}z^{-1}+v^{-5}z+v^{-5}z^{-1}$

$HSM(5_{36})=v^3zt_1t_2-vz^3t_1t_2-vzt_1t_2+z^2t_3+t_3$

$HSM(\overline{5_{36}})=v^{-4}z^2t_1^3-v^{-3}z^3t_1t_2-v^{-3}zt_1t_2-v^{-5}zt_1t_2+v^{-4}z^2t_3+v^{-4}t_3$

$HSM(5_{37})=v^{-1}z^3t_{-1}t_1+v^{-1}zt_{-1}t_1-v^{-3}zt_{-1}t_1-vz-vz^{-1}+v^{-1}z+v^{-1}z^{-1}$

$HSM(\overline{5_{37}})=v^3zt_{-1}t_1-vz^3t_{-1}t_1-vzt_{-1}t_1-vz-vz^{-1}+v^{-1}z+v^{-1}z^{-1}$

$HSM(5_{38})=-v^2z^2t_{-2}t_1^2+vzt_{-2}t_2-v^3z-v^3z^{-1}+vz+vz^{-1}$

$HSM(\overline{5_{38}})=v^{-4}z^2t_{-2}t_1^2-v^{-5}zt_{-2}t_2-v^{-1}z-v^{-1}z^{-1}+v^{-3}z+v^{-3}z^{-1}$

$HSM(5_{39})=-v^{-3}zt_1t_2+v^{-2}z^2t_3+v^{-2}t_3$

$HSM(\overline{5_{39}})=-v^2z^2t_1^3+z^4t_1^3+z^2t_1^3+vzt_1t_2-2v^{-1}z^3t_1t_2-2v^{-1}zt_1t_2+v^{-2}z^2t_3+v^{-2}t_3$

$HSM(5_{40})=v^3z^3t_{-1}t_2+2v^3zt_{-1}t_2+v^4z^2t_1+v^4t_1$

$HSM(\overline{5_{40}})=v^{-4}z^4t_{-1}t_1^2+2v^{-4}z^2t_{-1}t_1^2-v^{-5}z^3t_{-1}t_2-2v^{-5}zt_{-1}t_2+v^{-4}z^2t_1+v^{-4}t_1$

$HSM(5_{41})=v^{-4}z^4t_1^2t_2+2v^{-4}z^2t_1^2t_2-v^{-5}z^3t_1t_3-v^{-5}zt_1t_3-v^{-5}z^3t_2^2-2v^{-5}zt_2^2+v^{-6}z^2t_4+v^{-6}t_4$

$HSM(\overline{5_{41}})=-v^2z^2t_1^2t_2-vz^3t_1t_3-vzt_1t_3+vzt_2^2+z^2t_4+t_4$

$HSM(5_{42})=v^3zt_{-1}t_2+vzt_{-1}t_2+v^4t_1$

$HSM(\overline{5_{42}})=v^{-2}z^2t_{-1}t_1^2+v^{-4}z^2t_{-1}t_1^2-v^{-3}zt_{-1}t_2-v^{-5}zt_{-1}t_2+v^{-4}t_1$

$HSM(5_{43})=v^{-1}z^3t_1^4+z^2t_1^2t_2-2v^{-2}z^2t_1^2t_2-v^{-1}zt_1t_3+v^{-3}zt_1t_3-v^{-1}zt_2^2+v^{-2}t_4$

$HSM(\overline{5_{43}})=-v^{-1}zt_1t_3-v^{-3}zt_1t_3+v^{-4}t_4$

$HSM(5_{44})=-z^2t_{-1}t_1t_3+v^{-1}zt_{-1}t_4+v^2t_3$

$HSM(\overline{5_{44}})=-v^{-3}z^3t_{-1}t_1^2t_2+v^{-4}z^2t_{-1}t_1t_3+v^{-4}z^2t_{-1}t_2^2-v^{-5}zt_{-1}t_4+v^{-4}z^2t_1^3-2v^{-5}zt_1t_2+v^{-6}t_3$

$HSM(5_{45})=v^{-1}z^3t_{-1}t_1^3-v^{-2}z^2t_{-1}t_1t_2-vzt_1^2+v^{-1}zt_1^2+t_2$

$HSM(\overline{5_{45}})=-z^2t_{-1}t_1t_2-vzt_1^2+v^{-2}t_2$

$HSM(5_{46})=-z^2t_{-2}t_1t_2+v^{-1}zt_{-2}t_3+v^2t_1$

$HSM(\overline{5_{46}})=v^{-4}z^2t_{-2}t_1t_2-v^{-5}zt_{-2}t_3-v^{-3}z^3t_{-1}^2t_1t_2+v^{-4}z^2t_{-1}^2t_3+v^{-2}t_1$

$HSM(5_{47})=-v^{-3}z^3t_1^2t_2^2+v^{-4}z^2t_1^2t_4+v^{-4}z^2t_1t_2t_3-v^{-5}zt_1t_5+v^{-4}z^2t_2^3-2v^{-5}zt_2t_4+v^{-6}t_6$

$HSM(\overline{5_{47}})=v^{-2}z^2t_1t_2t_3-v^{-3}zt_1t_5-v^{-3}zt_3^2+v^{-4}t_6$

$HSM(5_{48})=-v^{-1}zt_{-2}t_3+v^{-1}zt_{-1}t_2+t_1$

$HSM(\overline{5_{48}})=v^{-3}z^3t_{-2}t_1^3-2v^{-4}z^2t_{-2}t_1t_2+v^{-5}zt_{-2}t_3-v^{-2}z^4t_{-1}^2t_1^3+2v^{-3}z^3t_{-1}^2t_1t_2-v^{-4}z^2t_{-1}^2t_3+z^2t_{-1}t_1^2-v^{-1}zt_{-1}t_2+t_1$

$HSM(5_{49})=v^{-2}z^2t_1^2t_2+v^{-4}z^2t_1^2t_2-v^{-5}zt_1t_3-v^{-3}zt_2^2-v^{-5}zt_2^2+v^{-6}t_4$

$HSM(\overline{5_{49}})=-z^2t_1^2t_2-vzt_1t_3+v^{-1}zt_2^2+t_4$

$HSM(5_{50})=v^3z^3t_1^2+2v^3zt_1^2+v^4z^2t_2+v^4t_2$

$HSM(\overline{5_{50}})=-v^{-3}z^3t_1^2-2v^{-3}zt_1^2-v^{-5}z^3t_1^2-v^{-5}zt_1^2+v^{-6}z^2t_2+v^{-6}t_2$

$HSM(5_{51})=v^4z^2t_{-1}t_1^2-v^6t_1+v^4t_1+v^2z^2t_1+v^2t_1$

$HSM(\overline{5_{51}})=v^{-4}z^2t_{-1}t_1^2+v^{-2}z^2t_1+v^{-2}t_1+v^{-4}t_1-v^{-6}t_1$

$HSM(5_{52})=-v^{-2}z^4t_{-1}t_1^2-2v^{-2}z^2t_{-1}t_1^2+v^{-3}z^3t_{-1}t_2+v^{-3}zt_{-1}t_2+z^2t_1+2t_1-v^{-2}t_1$

$HSM(\overline{5_{52}})=-v^2z^2t_{-1}t_1^2-vz^3t_{-1}t_2-vzt_{-1}t_2-v^2t_1+z^2t_1+2t_1$

$HSM(5_{53})=-v^2z^2t_1^2t_2+vzt_1t_3-vz^3t_2^2-vzt_2^2+z^2t_4+t_4$

$HSM(\overline{5_{53}})=v^{-4}z^4t_1^2t_2+2v^{-4}z^2t_1^2t_2-2v^{-5}z^3t_1t_3-3v^{-5}zt_1t_3+v^{-6}z^2t_4+v^{-6}t_4$

$HSM(5_{54})=-v^{-3}z^3t_{-1}t_2-2v^{-3}zt_{-1}t_2+v^{-4}z^2t_1+v^{-4}t_1$

$HSM(\overline{5_{54}})=-v^2z^4t_{-1}t_1^2-2v^2z^2t_{-1}t_1^2+vz^3t_{-1}t_2+2vzt_{-1}t_2+v^4z^2t_1+v^4t_1$

$HSM(5_{55})=v^{-4}z^2t_{-1}t_1t_2-v^{-5}zt_{-1}t_3+v^{-2}z^2t_2+v^{-2}t_2$

$HSM(\overline{5_{55}})=-v^2z^2t_{-1}t_1t_2+vzt_{-1}t_3-vz^3t_1^2-vzt_1^2+z^2t_2+t_2$

$HSM(5_{56})=-v^{-3}z^3t_2^2-2v^{-3}zt_2^2+v^{-4}z^2t_4+v^{-4}t_4$

$HSM(\overline{5_{56}})=vz^3t_1^4+z^4t_1^2t_2-z^2t_1^2t_2-2v^{-1}z^3t_1t_3-2v^{-1}zt_1t_3+v^{-1}zt_2^2+v^{-2}z^2t_4+v^{-2}t_4$

$HSM(5_{57})=v^3zt_1^2+vzt_1^2+v^4t_2$

$HSM(\overline{5_{57}})=-v^{-1}zt_1^2-v^{-3}zt_1^2-v^{-5}zt_1^2+v^{-6}t_2$

$HSM(5_{58})=-v^2z^2t_{-1}t_1^2-z^2t_{-1}t_1^2+vzt_{-1}t_2+v^{-1}zt_{-1}t_2+v^4t_1$

$HSM(\overline{5_{58}})=-v^{-1}zt_{-1}t_2-v^{-3}zt_{-1}t_2+v^{-4}t_1$

$HSM(5_{59})=-z^2t_1^2t_2+v^{-1}zt_1t_3-vzt_2^2+t_4$

$HSM(\overline{5_{59}})=v^{-2}z^2t_1^2t_2+v^{-4}z^2t_1^2t_2-v^{-3}zt_1t_3-2v^{-5}zt_1t_3+v^{-6}t_4$

$HSM(5_{60}) = -z^2t_{-1}t_1^2 - vzt_{-1}t_2 + v^{-2}t_1$
$HSM(\overline{5_{60}}) = -z^2t_{-1}t_1^2 - v^{-2}z^2t_{-1}t_1^2 + v^{-3}zt_{-1}t_2 + v^2t_1$
$HSM(5_{61}) = -vz^3t_{-1}^2t_1^2 + z^2t_{-1}^2t_2 + 2v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{5_{61}}) = v^{-2}z^2t_{-2}t_1^2 - 2v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(5_{62}) = v^{-1}z^3t_{-1}t_1^2t_2 - 2v^{-2}z^2t_{-1}t_1t_3 + v^{-3}zt_{-1}t_4 - vzt_1t_2 + t_3$
$HSM(\overline{5_{62}}) = v^{-2}z^2t_{-1}t_2^2 - v^{-3}zt_{-1}t_4 - v^{-3}zt_1t_2 + v^{-4}t_3$
$HSM(5_{63}) = -z^2t_{-1}t_1t_2 + v^{-1}zt_1^2 + v^2t_2$
$HSM(\overline{5_{63}}) = v^{-1}z^3t_{-1}t_1^3 - v^{-2}z^2t_{-1}t_1t_2 - vzt_1^2 - v^{-3}zt_1^2 + v^{-4}t_2$
$HSM(5_{64}) = -v^{-2}z^2t_{-2}t_1t_2 + v^{-3}zt_{-2}t_3 + v^{-1}z^3t_{-1}^2t_1t_2 - v^{-2}z^2t_{-1}^2t_3 - vzt_{-1}t_2 + t_1$
$HSM(\overline{5_{64}}) = v^{-2}z^2t_{-2}t_1t_2 - v^{-3}zt_{-2}t_3 - v^{-2}z^2t_{-1}t_1^2 + v^{-3}zt_{-1}t_2 + t_1$
$HSM(5_{65}) = v^{-2}z^2t_2^3 - 2v^{-3}zt_2t_4 + v^{-4}t_6$
$HSM(\overline{5_{65}}) = -v^{-3}z^3t_1^2t_2^2 + v^{-4}z^2t_1^2t_4 + 2v^{-4}z^2t_1t_2t_3 - 2v^{-5}zt_1t_5 - v^{-5}zt_3^2 + v^{-6}t_6$
$HSM(5_{66}) = -v^{-1}zt_2^2 - v^{-3}zt_2^2 + v^{-4}t_4$
$HSM(\overline{5_{66}}) = v^{-1}z^3t_1^4 + z^2t_1^2t_2 - 2v^{-2}z^2t_1^2t_2 - 2v^{-1}zt_1t_3 + v^{-3}zt_2^2 + v^{-2}t_4$
$HSM(5_{67}) = vzt_1t_3 + v^2t_4$
$HSM(\overline{5_{67}}) = -v^{-3}z^3t_1^4 - v^{-5}z^3t_1^4 + 2v^{-4}z^2t_1^2t_2 + 3v^{-6}z^2t_1^2t_2 - v^{-5}zt_1t_3 - 2v^{-7}zt_1t_3 - v^{-7}zt_2^2 + v^{-8}t_4$
$HSM(5_{68}) = -v^{-2}z^4t_{-1}t_1^4 + 3v^{-3}z^3t_{-1}t_1^2t_2 - 2v^{-4}z^2t_{-1}t_1t_3 - v^{-4}z^2t_{-1}t_2^2 + v^{-5}zt_{-1}t_4 + z^2t_1^3 - 2v^{-1}zt_1t_2 + v^{-2}t_3$
$HSM(\overline{5_{68}}) = -v^{-1}zt_{-1}t_4 + v^{-2}t_3$
$HSM(5_{69}) = -v^{-1}zt_2t_4 + v^{-2}t_6$
$HSM(\overline{5_{69}}) = v^{-4}z^4t_1^4t_2 - 2v^{-5}z^3t_1^3t_3 - 2v^{-5}z^3t_1^2t_2^2 + 2v^{-6}z^2t_1^2t_4 + 4v^{-6}z^2t_1t_2t_3 - 2v^{-7}zt_1t_5 - v^{-7}zt_2t_4 - v^{-7}zt_3^2 + v^{-8}t_6$
$HSM(5_{70}) = -v^{-3}z^3t_{-2}t_1^3 + 2v^{-4}z^2t_{-2}t_1t_2 - v^{-5}zt_{-2}t_3 + v^{-2}t_1$
$HSM(\overline{5_{70}}) = v^{-1}zt_{-2}t_3 - z^2t_{-1}^2t_3 + v^2t_1$
$HSM(5_{71}) = -v^{-3}zt_{-2}t_2 + v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$
$HSM(\overline{5_{71}}) = -z^2t_{-2}t_1^2 + v^{-1}zt_{-2}t_2 + vz^3t_{-1}^2t_1^2 - z^2t_{-1}^2t_2 - vz^3t_{-1}t_1 - vzt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$
$HSM(5_{72}) = vzt_{-2}t_3 + v^3zt_{-1}t_2 + v^4t_1$
$HSM(\overline{5_{72}}) = -v^{-5}z^3t_{-2}t_1^3 + 2v^{-6}z^2t_{-2}t_1t_2 - v^{-7}zt_{-2}t_3 + v^{-4}z^4t_{-1}^2t_1^3 - 2v^{-5}z^3t_{-1}^2t_1t_2 + v^{-6}z^2t_{-1}^2t_3 + v^{-4}z^2t_{-1}t_1^2 - v^{-5}zt_{-1}t_2 + v^{-4}t_1$
$HSM(5_{73}) = -v^{-3}z^3t_1^3t_3 + v^{-4}z^2t_1^2t_4 + 2v^{-4}z^2t_1t_2t_3 - v^{-5}zt_1t_5 - v^{-5}zt_2t_4 - v^{-5}zt_3^2 + v^{-6}t_6$
$HSM(\overline{5_{73}}) = v^{-2}z^2t_1^2t_4 - v^{-3}zt_1t_5 - v^{-3}zt_2t_4 + v^{-4}t_6$
$HSM(5_{74}) = v^3zt_1t_3 + v^2z^2t_4 + v^2t_4$
$HSM(\overline{5_{74}}) = -v^{-5}z^5t_1^4 - 2v^{-5}z^3t_1^4 + 3v^{-6}z^4t_1^2t_2 + 5v^{-6}z^2t_1^2t_2 - 2v^{-7}z^3t_1t_3 - 3v^{-7}zt_1t_3 - v^{-7}z^3t_2^2 - v^{-7}zt_2^2 + v^{-8}z^2t_4 + v^{-8}t_4$
$HSM(5_{75}) = -v^{-3}zt_{-1}t_3 + v^{-2}z^2t_2 + v^{-2}t_2$
$HSM(\overline{5_{75}}) = vz^3t_{-1}t_1^3 - 2z^2t_{-1}t_1t_2 + v^{-1}zt_{-1}t_3 - vz^3t_1^2 - vzt_1^2 + z^2t_2 + t_2$
$HSM(5_{76}) = -vzt_1t_2 - z^2t_3 + v^{-2}t_3$
$HSM(\overline{5_{76}}) = z^2t_1^3 - v^{-2}z^4t_1^3 - v^{-2}z^2t_1^3 - 2v^{-1}zt_1t_2 + 2v^{-3}z^3t_1t_2 + v^{-3}zt_1t_2 + v^{-2}t_3 - v^{-4}z^2t_3$
$HSM(5_{77}) = z^2t_1^2t_2 + v^{-1}z^3t_1t_3 - v^{-1}zt_2^2 - v^{-2}z^2t_4 + v^{-2}t_4$
$HSM(\overline{5_{77}}) = -v^{-1}z^3t_1^4 - v^{-2}z^4t_1^2t_2 + 2v^{-2}z^2t_1^2t_2 + v^{-3}z^3t_1t_3 - 2v^{-3}zt_1t_3 + v^{-3}z^3t_2^2 - v^{-4}z^2t_4 + v^{-4}t_4$
$HSM(5_{78}) = v^{-1}zt_{-1}t_2 + v^2t_1 - z^2t_1$
$HSM(\overline{5_{78}}) = z^2t_{-1}t_1^2 - v^{-1}zt_{-1}t_2 - z^2t_1 + v^{-2}t_1$
$HSM(5_{79}) = v^3zt_{-1}t_3 + v^2z^2t_2 + v^2t_2$
$HSM(\overline{5_{79}}) = -v^{-5}z^3t_{-1}t_1^3 + 2v^{-6}z^2t_{-1}t_1t_2 - v^{-7}zt_{-1}t_3 - v^{-3}z^3t_1^2 - v^{-3}zt_1^2 + v^{-4}z^2t_2 + v^{-4}t_2$
$HSM(5_{80}) = -v^{-3}z^3t_1t_3 - 2v^{-3}zt_1t_3 + v^{-4}z^2t_4 + v^{-4}t_4$
$HSM(\overline{5_{80}}) = vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 - v^{-1}z^3t_1t_3 - v^{-1}z^3t_2^2 - v^{-1}zt_2^2 + v^{-2}z^2t_4 + v^{-2}t_4$
$HSM(5_{81}) = v^3zt_2^2 + v^2z^2t_4 + v^2t_4$
$HSM(\overline{5_{81}}) = -v^{-5}z^5t_1^4 - 2v^{-5}z^3t_1^4 + 3v^{-6}z^4t_1^2t_2 + 5v^{-6}z^2t_1^2t_2 - 2v^{-7}z^3t_1t_3 - 2v^{-7}zt_1t_3 - v^{-7}z^3t_2^2 - 2v^{-7}zt_2^2 + v^{-8}z^2t_4 + v^{-8}t_4$
$HSM(5_{82}) = vzt_2^2 + v^2t_4$

$HSM(\overline{5_{82}}) = -v^{-3}z^3t_1^4 - v^{-5}z^3t_1^4 + 2v^{-4}z^2t_1^2t_2 + 3v^{-6}z^2t_1^2t_2 - 2v^{-7}zt_1t_3 - v^{-5}zt_2^2 - v^{-7}zt_2^2 + v^{-8}t_4$
$HSM(5_{83}) = v^{-1}z^3t_{-2}t_1^3 - 2v^{-2}z^2t_{-2}t_1t_2 + v^{-3}zt_{-2}t_3 + v^2t_1$
$HSM(\overline{5_{83}}) = -v^{-3}zt_{-2}t_3 + v^{-2}z^2t_{-1}^2t_3 + v^{-2}t_1$
$HSM(5_{84}) = -v^{-1}zt_3^2 + v^{-2}t_6$
$HSM(\overline{5_{84}}) = v^{-4}z^4t_1^4t_2 - 2v^{-5}z^3t_1^3t_3 - 2v^{-5}z^3t_1^2t_2^2 + 3v^{-6}z^2t_1^2t_4 + 2v^{-6}z^2t_1t_2t_3 - 2v^{-7}zt_1t_5 + v^{-6}z^2t_2^3 - 2v^{-7}zt_2t_4 + v^{-8}t_6$
$HSM(5_{85}) = t_6$
$HSM(\overline{5_{85}}) = -v^{-5}z^5t_1^6 + 5v^{-6}z^4t_1^4t_2 - 4v^{-7}z^3t_1^3t_3 - 6v^{-7}z^3t_1^2t_2^2 + 3v^{-8}z^2t_1^2t_4 + 6v^{-8}z^2t_1t_2t_3 - 2v^{-9}zt_1t_5 + v^{-8}z^2t_2^3 - 2v^{-9}zt_2t_4 - v^{-9}zt_3^2 + v^{-10}t_6$
$HSM(5_{86}) = v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz - 2vz^{-1} + 2v^{-1}z + 3v^{-1}z^{-1} - v^{-3}z - v^{-3}z^{-1}$
$HSM(\overline{5_{86}}) = -vz^3t_{-1}t_1 - vzt_{-1}t_1 + v^3z + v^3z^{-1} - 2vz - 3vz^{-1} + v^{-1}z + 2v^{-1}z^{-1}$
$HSM(5_{87}) = v^5zt_1^2 + v^3zt_1^2 + v^4z^2t_2 + v^4t_2 + v^2z^2t_2$
$HSM(\overline{5_{87}}) = -v^{-3}z^3t_1^2 - v^{-3}zt_1^2 - v^{-5}z^3t_1^2 - 2v^{-5}zt_1^2 + v^{-4}z^2t_2 + v^{-6}z^2t_2 + v^{-6}t_2$
$HSM(5_{88}) = v^5zt_1^2 + v^4z^2t_2 + v^2z^2t_2 + v^2t_2$
$HSM(\overline{5_{88}}) = -v^{-3}z^3t_1^2 - v^{-3}zt_1^2 - v^{-5}z^3t_1^2 - v^{-5}zt_1^2 + v^{-4}z^2t_2 + v^{-4}t_2 + v^{-6}z^2t_2$
$HSM(5_{89}) = v^3z^3t_{-1}t_1 + v^3zt_{-1}t_1 + v^7z^{-1} - 2v^5z - 3v^5z^{-1} + 2v^3z + 2v^3z^{-1}$
$HSM(\overline{5_{89}}) = -v^{-3}z^3t_{-1}t_1 - v^{-3}zt_{-1}t_1 - 2v^{-3}z - 2v^{-3}z^{-1} + 2v^{-5}z + 3v^{-5}z^{-1} - v^{-7}z^{-1}$
$HSM(5_{90}) = v^5zt_{-1}t_1 + v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z^{-1} + vz$
$HSM(\overline{5_{90}}) = -v^{-3}zt_{-1}t_1 - v^{-5}zt_{-1}t_1 - v^{-1}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(5_{91}) = v^5zt_{-1}t_1 - v^5z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{5_{91}}) = -v^{-5}zt_{-1}t_1 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z^{-1} + v^{-5}z$
$HSM(5_{92}) = v^3zt_{-1}t_2 - v^6t_1 + v^4z^2t_1 + 2v^4t_1 + v^2z^2t_1$
$HSM(\overline{5_{92}}) = v^{-4}z^2t_{-1}t_1^2 - v^{-5}zt_{-1}t_2 + v^{-2}z^2t_1 + v^{-4}z^2t_1 + 2v^{-4}t_1 - v^{-6}t_1$
$HSM(5_{93}) = v^5z^3t_1^2 + 2v^5zt_1^2 + v^4z^4t_2 + 3v^4z^2t_2 + v^4t_2$
$HSM(\overline{5_{93}}) = -v^{-5}z^5t_1^2 - 4v^{-5}z^3t_1^2 - 3v^{-5}zt_1^2 + v^{-6}z^4t_2 + 3v^{-6}z^2t_2 + v^{-6}t_2$
$HSM(5_{94}) = v^5z^3t_{-1}t_1 + 2v^5zt_{-1}t_1 - v^5z^3 - 3v^5z - v^5z^{-1} + v^3z^3 + 3v^3z + v^3z^{-1}$
$HSM(\overline{5_{94}}) = -v^{-5}z^3t_{-1}t_1 - 2v^{-5}zt_{-1}t_1 - v^{-3}z^3 - 3v^{-3}z - v^{-3}z^{-1} + v^{-5}z^3 + 3v^{-5}z + v^{-5}z^{-1}$
$HSM(5_{95}) = v^5z^3t_{-1}t_1 + v^5zt_{-1}t_1 + v^7z^{-1} - v^5z^3 - 3v^5z - 3v^5z^{-1} + v^3z^3 + 3v^3z + 2v^3z^{-1}$
$HSM(\overline{5_{95}}) = -v^{-5}z^3t_{-1}t_1 - v^{-5}zt_{-1}t_1 - v^{-3}z^3 - 3v^{-3}z - 2v^{-3}z^{-1} + v^{-5}z^3 + 3v^{-5}z + 3v^{-5}z^{-1} - v^{-7}z^{-1}$

Knots in $L(2,1)$

$HSM(0_1) = t_1$
$HSM(\overline{1_1}) = -v^{-1}zt_1^2 - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(2_1) = v^3zt_1^2 - v^3z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{2_1}) = -vzt_1^2 + vz - v^{-1}z - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(*2_2) = v^{-2}z^2t_1 + 2v^{-2}t_1 - v^{-4}t_1$
$HSM(2_3) = t_1$
$HSM(\overline{2_3}) = v^{-2}z^2t_1^3 + 2v^{-4}z^2t_1 + 3v^{-4}t_1 - 2v^{-6}t_1$
$HSM(3_1) = -v^4t_1 + v^2z^2t_1 + 2v^2t_1$
$HSM(\overline{3_1}) = v^2z^2t_1^3 - z^4t_1 - 2z^2t_1 + t_1 + v^{-2}z^2t_1$
$HSM(3_2) = -v^{-5}z^5t_1^2 - 4v^{-5}z^3t_1^2 - 3v^{-5}zt_1^2 + v^{-7}zt_1^2 - v^{-5}z^3 - 3v^{-5}z - 2v^{-5}z^{-1} + v^{-7}z^3 + 3v^{-7}z + 3v^{-7}z^{-1} - v^{-9}z^{-1}$
$HSM(\overline{3_2}) = -v^{-3}z^3t_1^2 - 2v^{-3}zt_1^2 - v^{-3}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(3_3) = vzt_1^2 - v^3z^{-1} + vz^{-1}$
$HSM(\overline{3_3}) = -v^{-1}zt_1^2 - v^{-3}zt_1^2 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(3_4) = -v^4z^2t_1^3 + v^2z^4t_1 + 2v^2z^2t_1 - z^2t_1 + t_1$
$HSM(\overline{3_4}) = v^2t_1 - z^2t_1 - t_1 + v^{-2}t_1$
$HSM(3_5) = -v^{-3}z^3t_1^2 - v^{-3}zt_1^2 - 2v^{-3}z - 2v^{-3}z^{-1} + 2v^{-5}z + 3v^{-5}z^{-1} - v^{-7}z^{-1}$
$HSM(\overline{3_5}) = -v^{-5}z^5t_1^2 - 4v^{-5}z^3t_1^2 - 4v^{-5}zt_1^2 + v^{-7}zt_1^2 - v^{-5}z^3 - 2v^{-5}z - v^{-5}z^{-1} + v^{-7}z^3 + 2v^{-7}z + v^{-7}z^{-1}$
$HSM(\overline{3_6}) = -v^{-3}z^3t_1^4 - 3v^{-7}z^5t_1^2 - 9v^{-7}z^3t_1^2 - 6v^{-7}zt_1^2 + 3v^{-9}zt_1^2 - 3v^{-7}z^3 - 4v^{-7}z - 2v^{-7}z^{-1} + 3v^{-9}z^3 + 4v^{-9}z + 3v^{-9}z^{-1} - v^{-11}z^{-1}$
$HSM(3_8) = v^5zt_1^2 - v^5z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{4_1}) = -v^3z^3t_1^4 + v^{-1}z^7t_1^2 + 3v^{-1}z^5t_1^2 + v^{-1}z^3t_1^2 - 3v^{-1}zt_1^2 - v^{-3}z^3t_1^2 + v^{-3}zt_1^2 + v^{-1}z^5 + 2v^{-1}z^3 + 3v^{-1}z - v^{-3}z^5 - 2v^{-3}z^3 - 4v^{-3}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(4_2) = v^{-8}z^8t_1^3 + 6v^{-8}z^6t_1^3 + 10v^{-8}z^4t_1^3 + 4v^{-8}z^2t_1^3 - v^{-10}z^2t_1^3 + 2v^{-10}z^8t_1 + 14v^{-10}z^6t_1 + 32v^{-10}z^4t_1 + 28v^{-10}z^2t_1 + 8v^{-10}t_1 - 2v^{-12}z^6t_1 - 11v^{-12}z^4t_1 - 18v^{-12}z^2t_1 - 9v^{-12}t_1 + 2v^{-14}t_1$
$HSM(\overline{4_2}) = v^{-4}z^4t_1^3 + 2v^{-4}z^2t_1^3 + 2v^{-6}z^4t_1 + 6v^{-6}z^2t_1 + 4v^{-6}t_1 - 2v^{-8}z^2t_1 - 3v^{-8}t_1$
$HSM(4_3) = v^6z^2t_1^3 - v^4z^4t_1 - 2v^4z^2t_1 - v^4t_1 + 2v^2z^2t_1 + 2v^2t_1$
$HSM(\overline{4_3}) = v^2z^2t_1^3 - z^4t_1 - 2z^2t_1 + 2v^{-2}z^2t_1 + 2v^{-2}t_1 - v^{-4}t_1$
$HSM(4_4) = v^3z^3t_1^2 + 2v^3zt_1^2 - vz^3t_1^2 - 2vzt_1^2 - v^3z^3 - 2v^3z + vz^3 + 2vz - vz^{-1} + v^{-1}z^{-1}$
$HSM(\overline{4_4}) = -vz^3t_1^2 - 2vzt_1^2 + v^{-1}z^3t_1^2 + v^{-1}zt_1^2 + vz^3 + 2vz - v^{-1}z^3 - 2v^{-1}z - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(4_5) = v^{-6}z^6t_1^3 + 3v^{-6}z^4t_1^3 + v^{-6}z^2t_1^3 + 3v^{-8}z^6t_1 + 14v^{-8}z^4t_1 + 18v^{-8}z^2t_1 + 6v^{-8}t_1 - 3v^{-10}z^4t_1 - 10v^{-10}z^2t_1 - 6v^{-10}t_1 + v^{-12}t_1$
$HSM(\overline{4_5}) = v^{-6}z^6t_1^3 + 4v^{-6}z^4t_1^3 + 4v^{-6}z^2t_1^3 + 2v^{-8}z^6t_1 + 9v^{-8}z^4t_1 + 12v^{-8}z^2t_1 + 5v^{-8}t_1 - 2v^{-10}z^4t_1 - 6v^{-10}z^2t_1 - 4v^{-10}t_1$
$HSM(4_6) = v^5z^3t_1^2 + 2v^5zt_1^2 - v^5z^3 - 3v^5z - v^5z^{-1} + v^3z^3 + 3v^3z + v^3z^{-1}$
$HSM(\overline{4_6}) = -v^{-1}z^3t_1^2 - 2v^{-1}zt_1^2 + v^{-1}z^3 + 2v^{-1}z - v^{-3}z^3 - 3v^{-3}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(4_7) = -v^6t_1 + v^4z^2t_1 + v^4t_1 + v^2z^2t_1 + v^2t_1$
$HSM(\overline{4_7}) = z^2t_1^3 - v^{-2}z^4t_1 - v^{-2}z^2t_1 + 2v^{-2}t_1 + v^{-4}z^2t_1 - v^{-4}t_1$
$HSM(4_8) = v^{-4}z^4t_1 + 4v^{-4}z^2t_1 + 3v^{-4}t_1 - v^{-6}z^2t_1 - 2v^{-6}t_1$
$HSM(\overline{4_8}) = -v^2z^2t_1^3 + z^4t_1 + 2z^2t_1 + t_1 - v^{-2}z^2t_1$
$HSM(4_9) = -v^{-3}zt_1^2 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z + v^{-3}z^{-1}$
$HSM(\overline{4_9}) = v^3zt_1^2 - vz^3t_1^2 - vzt_1^2 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$
$HSM(4_{10}) = v^5zt_1^2 + v^3zt_1^2 - v^5z - v^5z^{-1} + v^3z^{-1} + vz$
$HSM(\overline{4_{10}}) = -vzt_1^2 - v^{-1}zt_1^2 + vz - v^{-3}z - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(4_{11}) = -z^2t_1^3 + z^2t_1 + 2t_1 - v^{-2}z^2t_1 - 2v^{-2}t_1 + v^{-4}t_1$
$HSM(\overline{4_{11}}) = v^{-2}z^2t_1 + v^{-2}t_1 + v^{-4}z^2t_1 + v^{-4}t_1 - v^{-6}t_1$
$HSM(4_{12}) = v^3z^3t_1^2 + 2v^3zt_1^2 - vz^3t_1^2 - vzt_1^2 - v^3z^3 - 2v^3z - v^3z^{-1} + vz^3 + 2vz + vz^{-1}$
$HSM(\overline{4_{12}}) = -vz^3t_1^2 - 2vzt_1^2 + v^{-1}z^3t_1^2 + v^{-1}zt_1^2 - v^{-3}zt_1^2 + vz^3 + 2vz - v^{-1}z^3 - 2v^{-1}z - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(*4_{13}) = -v^4z^2t_1^3 + v^2z^4t_1 + 2v^2z^2t_1 + v^2t_1 - 2z^2t_1 - t_1 + v^{-2}t_1$

$HSM(*4_{14}) = v^{-6}z^6t_1^3+3v^{-6}z^4t_1^3+2v^{-6}z^2t_1^3+3v^{-8}z^6t_1+13v^{-8}z^4t_1+16v^{-8}z^2t_1+6v^{-8}t_1-3v^{-10}z^4t_1-9v^{-10}z^2t_1-6v^{-10}t_1+v^{-12}t_1$

$HSM(4_{15}) = -v^3z^3t_1^2+vzt_1^2-v^5z^{-1}+v^3z^3+2v^3z+2v^3z^{-1}-vz^3-3vz-2vz^{-1}+v^{-1}z+v^{-1}z^{-1}$

$HSM(\overline{4_{15}}) = v^7z^3t_1^4-v^3z^7t_1^2-4v^3z^5t_1^2-4v^3z^3t_1^2+v^3zt_1^2+vz^3t_1^2-2vzt_1^2+2v^3z^3+v^3z+v^3z^{-1}-3vz^3-3vz-3vz^{-1}+v^{-1}z^3+2v^{-1}z+2v^{-1}z^{-1}$

$HSM(\overline{4_{16}}) = v^{-2}z^2t_1^3+v^{-4}z^2t_1^3+v^{-4}z^2t_1+v^{-4}t_1+2v^{-6}z^2t_1+2v^{-6}t_1-2v^{-8}t_1$

$HSM(4_{17}) = v^5z^3t_1^4-vz^7t_1^2-3vz^5t_1^2-vz^3t_1^2+2vzt_1^2+v^{-1}z^3t_1^2-2v^{-1}zt_1^2-vz^5-2vz^3-3vz-vz^{-1}+v^{-1}z^5+2v^{-1}z^3+4v^{-1}z+v^{-1}z^{-1}-v^{-3}z$

$HSM(\overline{4_{17}}) = -v^3zt_1^2+v^3z-v^{-1}z-v^{-1}z^{-1}+v^{-3}z^{-1}$

$HSM(4_{18}) = v^{-4}z^4t_1^3+v^{-4}z^2t_1^3+3v^{-6}z^4t_1+8v^{-6}z^2t_1+4v^{-6}t_1-3v^{-8}z^2t_1-3v^{-8}t_1$

$HSM(\overline{4_{18}}) = v^{-8}z^8t_1^3+6v^{-8}z^6t_1^3+11v^{-8}z^4t_1^3+6v^{-8}z^2t_1^3-v^{-10}z^2t_1^3+2v^{-10}z^8t_1+13v^{-10}z^6t_1+28v^{-10}z^4t_1+24v^{-10}z^2t_1+7v^{-10}t_1-2v^{-12}z^6t_1-10v^{-12}z^4t_1-15v^{-12}z^2t_1-7v^{-12}t_1+v^{-14}t_1$

$HSM(4_{19}) = -v^3zt_1^2+vz^3t_1^2+vzt_1^2-v^3z^{-1}+2vz+2vz^{-1}-2v^{-1}z-2v^{-1}z^{-1}+v^{-3}z^{-1}$

$HSM(\overline{4_{19}}) = v^5zt_1^2-v^3z^3t_1^2-v^3zt_1^2+v^5z^{-1}-2v^3z-3v^3z^{-1}+2vz+2vz^{-1}$

$HSM(4_{20}) = v^5z^3t_1^2+v^5zt_1^2+v^7z^{-1}-v^5z^3-3v^5z-3v^5z^{-1}+v^3z^3+3v^3z+2v^3z^{-1}$

$HSM(\overline{4_{20}}) = -v^5z^3t_1^4+vz^7t_1^2+4vz^5t_1^2+4vz^3t_1^2-2vzt_1^2-v^{-1}z^3t_1^2+v^{-1}zt_1^2-2vz^3-vz^{-1}+3v^{-1}z^3+3v^{-1}z+2v^{-1}z^{-1}-v^{-3}z^3-3v^{-3}z-2v^{-3}z^{-1}+v^{-5}z^{-1}$

$HSM(*4_{21}) = v^{-6}z^6t_1^3+4v^{-6}z^4t_1^3+3v^{-6}z^2t_1^3+2v^{-8}z^6t_1+10v^{-8}z^4t_1+14v^{-8}z^2t_1+5v^{-8}t_1-2v^{-10}z^4t_1-7v^{-10}z^2t_1-4v^{-10}t_1$

$HSM(\overline{4_{23}}) = -v^6z^2t_1^3+v^4z^4t_1+2v^4z^2t_1-v^4t_1+2v^2t_1$

$HSM(\overline{4_{24}}) = v^{-4}z^4t_1^5+4v^{-10}z^8t_1^3+18v^{-10}z^6t_1^3+25v^{-10}z^4t_1^3+10v^{-10}z^2t_1^3-4v^{-12}z^2t_1^3+8v^{-12}z^8t_1+39v^{-12}z^6t_1+61v^{-12}z^4t_1+40v^{-12}z^2t_1+10v^{-12}t_1-8v^{-14}z^6t_1-27v^{-14}z^4t_1-28v^{-14}z^2t_1-12v^{-14}t_1+3v^{-16}t_1$

$HSM(\overline{4_{26}}) = -vzt_1^2+v^{-1}z^3t_1^2+v^{-1}zt_1^2-vz^{-1}+v^{-1}z+v^{-1}z^{-1}-v^{-3}z$

$HSM(5_1) = v^8z^2t_1^3-v^6z^4t_1-3v^6z^2t_1-2v^6t_1+v^4z^4t_1+5v^4z^2t_1+3v^4t_1$

$HSM(\overline{5_1}) = z^4t_1^3+2z^2t_1^3-v^{-2}z^6t_1-4v^{-2}z^4t_1-3v^{-2}z^2t_1+v^{-2}t_1+v^{-4}z^4t_1+3v^{-4}z^2t_1+v^{-4}t_1-v^{-6}t_1$

$HSM(5_2) = v^5z^3t_1^2+2v^5zt_1^2-v^3z^3t_1^2-v^3zt_1^2-v^5z^3-2v^5z+v^3z^3+v^3z-v^3z^{-1}+vz+vz^{-1}$

$HSM(\overline{5_3}) = -v^6z^2t_1^3+v^4z^4t_1+2v^4z^2t_1-v^2z^2t_1+t_1$

$HSM(5_4) = -v^{-7}z^7t_1^2-6v^{-7}z^5t_1^2-10v^{-7}z^3t_1^2-5v^{-7}zt_1^2+v^{-9}z^3t_1^2+2v^{-9}zt_1^2-v^{-7}z^5-5v^{-7}z^3-6v^{-7}z-2v^{-7}z^{-1}+v^{-9}z^5+5v^{-9}z^3+7v^{-9}z+3v^{-9}z^{-1}-v^{-11}z-v^{-11}z^{-1}$

$HSM(\overline{5_5}) = v^4z^4t_1^5-v^{-2}z^{10}t_1^3-4v^{-2}z^8t_1^3-3v^{-2}z^6t_1^3+5v^{-2}z^4t_1^3+6v^{-2}z^2t_1^3+v^{-4}z^4t_1^3-2v^{-4}z^2t_1^3-2v^{-4}z^{10}t_1-10v^{-4}z^8t_1-19v^{-4}z^6t_1-21v^{-4}z^4t_1-8v^{-4}z^2t_1+2v^{-4}t_1+2v^{-6}z^8t_1+7v^{-6}z^6t_1+11v^{-6}z^4t_1+10v^{-6}z^2t_1-2v^{-8}z^2t_1-v^{-8}t_1$

$HSM(5_6) = -v^{-11}z^{11}t_1^4-8v^{-11}z^9t_1^4-21v^{-11}z^7t_1^4-20v^{-11}z^5t_1^4-5v^{-11}z^3t_1^4+v^{-13}z^3t_1^4-3v^{-15}z^{13}t_1^2-32v^{-15}z^{11}t_1^2-131v^{-15}z^9t_1^2-260v^{-15}z^7t_1^2-259v^{-15}z^5t_1^2-120v^{-15}z^3t_1^2-20v^{-15}zt_1^2+3v^{-17}z^9t_1^2+23v^{-17}z^7t_1^2+60v^{-17}z^5t_1^2+59v^{-17}z^3t_1^2+18v^{-17}zt_1^2-3v^{-19}zt_1^2-3v^{-15}z^{11}-27v^{-15}z^9-88v^{-15}z^7-131v^{-15}z^5-96v^{-15}z^3-35v^{-15}z-5v^{-15}z^{-1}+3v^{-17}z^{11}+27v^{-17}z^9+89v^{-17}z^7+138v^{-17}z^5+115v^{-17}z^3+52v^{-17}z+10v^{-17}z^{-1}-v^{-19}z^7-7v^{-19}z^5-19v^{-19}z^3-17v^{-19}z-6v^{-19}z^{-1}+v^{-21}z^{-1}$

$HSM(\overline{5_6}) = -v^{-5}z^5t_1^4-2v^{-5}z^3t_1^4-3v^{-9}z^7t_1^2-14v^{-9}z^5t_1^2-20v^{-9}z^3t_1^2-9v^{-9}zt_1^2+3v^{-11}z^3t_1^2+5v^{-11}zt_1^2-3v^{-9}z^5-9v^{-9}z^3-7v^{-9}z-2v^{-9}z^{-1}+3v^{-11}z^5+9v^{-11}z^3+8v^{-11}z+3v^{-11}z^{-1}-v^{-13}z-v^{-13}z^{-1}$

$HSM(5_7) = -v^7zt_1^2+2v^5z^3t_1^2+3v^5zt_1^2-v^5z^3-2v^5z-v^5z^{-1}+v^3z^3+2v^3z+v^3z^{-1}$

$HSM(\overline{5_7}) = -v^5z^3t_1^4+vz^7t_1^2+4vz^5t_1^2+4vz^3t_1^2-vzt_1^2-2v^{-1}z^3t_1^2-v^{-1}zt_1^2-2vz^3+3v^{-1}z^3+2v^{-1}z-v^{-3}z^3-2v^{-3}z-v^{-3}z^{-1}+v^{-5}z^{-1}$

$HSM(5_8) = -v^4z^4t_1^3-2v^4z^2t_1^3+v^2z^6t_1+4v^2z^4t_1+3v^2z^2t_1-v^2t_1+z^2t_1+3t_1-v^{-2}z^2t_1-v^{-2}t_1$

$HSM(\overline{5_8}) = z^6t_1^3+4z^4t_1^3+3z^2t_1^3-v^{-2}z^4t_1^3-v^{-2}z^2t_1^3-v^{-2}z^8t_1-6v^{-2}z^6t_1-10v^{-2}z^4t_1-3v^{-2}z^2t_1+2v^{-2}t_1+v^{-4}z^6t_1+3v^{-4}z^4t_1+v^{-4}z^2t_1-v^{-4}t_1+v^{-6}z^2t_1$

$HSM(5_9) = -v^{-9}z^9t_1^4-5v^{-9}z^7t_1^4-6v^{-9}z^5t_1^4-v^{-9}z^3t_1^4-4v^{-13}z^{11}t_1^2-33v^{-13}z^9t_1^2-98v^{-13}z^7t_1^2-128v^{-13}z^5t_1^2-70v^{-13}z^3t_1^2-12v^{-13}zt_1^2+4v^{-15}z^7t_1^2+21v^{-15}z^5t_1^2+29v^{-15}z^3t_1^2+9v^{-15}zt_1^2-v^{-17}zt_1^2-4v^{-13}z^9-27v^{-13}z^7-62v^{-13}z^5-63v^{-13}z^3-30v^{-13}z-5v^{-13}z^{-1}+4v^{-15}z^9+27v^{-15}z^7+64v^{-15}z^5+73v^{-15}z^3+44v^{-15}z+10v^{-15}z^{-1}-2v^{-17}z^5-10v^{-17}z^3-14v^{-17}z-6v^{-17}z^{-1}+v^{-19}z^{-1}$

$HSM(\overline{5_9}) = -v^{-7}z^7t_1^4 - 4v^{-7}z^5t_1^4 - 4v^{-7}z^3t_1^4 - 3v^{-11}z^9t_1^2 - 19v^{-11}z^7t_1^2 - 42v^{-11}z^5t_1^2 - 39v^{-11}z^3t_1^2 - 13v^{-11}zt_1^2 + 3v^{-13}z^5t_1^2 + 10v^{-13}z^3t_1^2 + 8v^{-13}zt_1^2 - 3v^{-11}z^7 - 14v^{-11}z^5 - 20v^{-11}z^3 - 10v^{-11}z - 2v^{-11}z^{-1} + 3v^{-13}z^7 + 14v^{-13}z^5 + 21v^{-13}z^3 + 12v^{-13}z + 3v^{-13}z^{-1} - v^{-15}z^3 - 2v^{-15}z - v^{-15}z^{-1}$

$HSM(5_{10}) = v^6z^2t_1^3 - v^6t_1 - v^4z^4t_1 - v^4z^2t_1 + v^4t_1 + 2v^2z^2t_1 + v^2t_1$

$HSM(\overline{5_{10}}) = v^2z^2t_1^3 + z^2t_1^3 - z^4t_1 - 2z^2t_1 - v^{-2}z^4t_1 + 2v^{-2}t_1 + v^{-4}z^2t_1 - v^{-4}t_1$

$HSM(5_{11}) = -v^7z^3t_1^4 + v^3z^7t_1^2 + 3v^3z^5t_1^2 + 2v^3z^3t_1^2 - 2vz^3t_1^2 + v^3z^5 + v^3z^3 + v^3z - vz^5 - vz^3 - 2vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$

$HSM(\overline{5_{11}}) = -vz^3t_1^2 - vzt_1^2 + v^{-1}z^3t_1^2 + v^{-1}zt_1^2 - v^{-3}zt_1^2 + vz^3 + vz - v^{-1}z^3 - 2v^{-1}z - v^{-1}z^{-1} + v^{-3}z + v^{-3}z^{-1}$

$HSM(5_{12}) = -v^4z^4t_1^3 - v^4z^2t_1^3 + v^2z^6t_1 + 3v^2z^4t_1 - 2v^2t_1 + z^4t_1 + 5z^2t_1 + 5t_1 - 2v^{-2}z^2t_1 - 2v^{-2}t_1$

$HSM(\overline{5_{12}}) = z^6t_1^3 + 4z^4t_1^3 + 4z^2t_1^3 - v^{-2}z^4t_1^3 - v^{-2}z^2t_1^3 - v^{-2}z^8t_1 - 6v^{-2}z^6t_1 - 11v^{-2}z^4t_1 - 6v^{-2}z^2t_1 + v^{-2}t_1 + v^{-4}z^6t_1 + 4v^{-4}z^4t_1 + 5v^{-4}z^2t_1 + v^{-4}t_1 - v^{-6}t_1$

$HSM(5_{13}) = v^5zt_1^2 - 2v^3z^3t_1^2 - 2v^3zt_1^2 + vzt_1^2 + v^3z^3 + v^3z - vz^3 - 2vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$

$HSM(\overline{5_{13}}) = v^7z^3t_1^4 - v^3z^7t_1^2 - 4v^3z^5t_1^2 - 4v^3z^3t_1^2 + 2vz^3t_1^2 + 2v^3z^3 + v^3z - 3vz^3 - 2vz - vz^{-1} + v^{-1}z^3 + v^{-1}z + v^{-1}z^{-1}$

$HSM(5_{14}) = -v^2z^6t_1^3 - 4v^2z^4t_1^3 - 3v^2z^2t_1^3 + z^4t_1^3 + z^2t_1^3 + z^8t_1 + 6z^6t_1 + 10z^4t_1 + 4z^2t_1 - v^{-2}z^6t_1 - 3v^{-2}z^4t_1 + 2v^{-2}t_1 - v^{-4}z^2t_1 - v^{-4}t_1$

$HSM(\overline{5_{14}}) = v^2z^4t_1^3 + 2v^2z^2t_1^3 - z^6t_1 - 4z^4t_1 - 3z^2t_1 + t_1 - v^{-2}t_1 + 2v^{-4}z^2t_1 + 2v^{-4}t_1 - v^{-6}t_1$

$HSM(5_{15}) = -v^{-9}z^9t_1^4 - 5v^{-9}z^7t_1^4 - 7v^{-9}z^5t_1^4 - 2v^{-9}z^3t_1^4 - 4v^{-13}z^{11}t_1^2 - 32v^{-13}z^9t_1^2 - 94v^{-13}z^7t_1^2 - 125v^{-13}z^5t_1^2 - 74v^{-13}z^3t_1^2 - 15v^{-13}zt_1^2 + 4v^{-15}z^7t_1^2 + 20v^{-15}z^5t_1^2 + 29v^{-15}z^3t_1^2 + 11v^{-15}zt_1^2 - v^{-17}zt_1^2 - 4v^{-13}z^9 - 26v^{-13}z^7 - 58v^{-13}z^5 - 54v^{-13}z^3 - 22v^{-13}z - 3v^{-13}z^{-1} + 4v^{-15}z^9 + 26v^{-15}z^7 + 60v^{-15}z^5 + 62v^{-15}z^3 + 30v^{-15}z + 5v^{-15}z^{-1} - 2v^{-17}z^5 - 8v^{-17}z^3 - 8v^{-17}z - 2v^{-17}z^{-1}$

$HSM(\overline{5_{15}}) = -v^{-7}z^7t_1^4 - 3v^{-7}z^5t_1^4 - 2v^{-7}z^3t_1^4 - 4v^{-11}z^9t_1^2 - 24v^{-11}z^7t_1^2 - 49v^{-11}z^5t_1^2 - 40v^{-11}z^3t_1^2 - 11v^{-11}zt_1^2 + 4v^{-13}z^5t_1^2 + 11v^{-13}z^3t_1^2 + 7v^{-13}zt_1^2 - 4v^{-11}z^7 - 18v^{-11}z^5 - 26v^{-11}z^3 - 14v^{-11}z - 3v^{-11}z^{-1} + 4v^{-13}z^7 + 18v^{-13}z^5 + 28v^{-13}z^3 + 18v^{-13}z + 5v^{-13}z^{-1} - 2v^{-15}z^3 - 4v^{-15}z - 2v^{-15}z^{-1}$

$HSM(5_{16}) = v^4z^4t_1^3 + v^4z^2t_1 + 2v^4t_1 - v^2z^6t_1 - 3v^2z^4t_1 - 4v^2z^2t_1 - 3v^2t_1 + z^4t_1 + t_1 + v^{-2}t_1$

$HSM(\overline{5_{16}}) = -v^6z^4t_1^3 - 2v^6z^2t_1^3 + v^4z^4t_1^3 + v^4z^2t_1^3 + v^4z^6t_1 + 4v^4z^4t_1 + 3v^4z^2t_1 - 2v^4t_1 - v^2z^6t_1 - 3v^2z^4t_1 + 4v^2t_1 + z^4t_1 - t_1$

$HSM(5_{17}) = -v^{-5}z^5t_1^2 - 3v^{-5}z^3t_1^2 - 2v^{-5}zt_1^2 - v^{-7}z^5t_1^2 - 4v^{-7}z^3t_1^2 - 2v^{-7}zt_1^2 + v^{-9}zt_1^2 - v^{-5}z^3 - v^{-5}z - 2v^{-7}z - 2v^{-7}z^{-1} + v^{-9}z^3 + 3v^{-9}z + 3v^{-9}z^{-1} - v^{-11}z^{-1}$

$HSM(\overline{5_{17}}) = -v^{-1}z^3t_1^2 - 2v^{-1}zt_1^2 + v^{-3}z^5t_1^2 + 3v^{-3}z^3t_1^2 + 2v^{-3}zt_1^2 - v^{-5}zt_1^2 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z^3 + 2v^{-3}z + v^{-3}z^{-1} - v^{-5}z^3 - v^{-5}z$

$HSM(5_{18}) = -v^5z^3t_1^2 - v^5zt_1^2 + v^3z^3t_1^2 + 2v^3zt_1^2 + v^5z^3 + v^5z - v^3z^3 - 2v^3z - v^3z^{-1} + vz + vz^{-1}$

$HSM(\overline{5_{18}}) = -v^3z^3t_1^4 + v^{-1}z^7t_1^2 + 3v^{-1}z^5t_1^2 + 2v^{-1}z^3t_1^2 - v^{-1}zt_1^2 - 2v^{-3}z^3t_1^2 - v^{-3}zt_1^2 + v^{-1}z^5 + v^{-1}z^3 + v^{-1}z - v^{-3}z^5 - v^{-3}z^3 - 2v^{-3}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$

$HSM(5_{19}) = -v^2z^6t_1^3 - 4v^2z^4t_1^3 - 3v^2z^2t_1^3 + z^4t_1^3 + 2z^2t_1^3 + z^8t_1 + 6z^6t_1 + 10z^4t_1 + 3z^2t_1 - 2t_1 - v^{-2}z^6t_1 - 3v^{-2}z^4t_1 + 2v^{-2}z^2t_1 + 6v^{-2}t_1 - v^{-4}z^2t_1 - 3v^{-4}t_1$

$HSM(\overline{5_{19}}) = v^2z^4t_1^3 + 2v^2z^2t_1^3 - z^6t_1 - 4z^4t_1 - 3z^2t_1 + t_1 + v^{-4}z^2t_1$

$HSM(5_{20}) = -v^{-7}z^7t_1^4 - 3v^{-7}z^5t_1^4 - v^{-7}z^3t_1^4 - 4v^{-11}z^9t_1^2 - 25v^{-11}z^7t_1^2 - 52v^{-11}z^5t_1^2 - 41v^{-11}z^3t_1^2 - 9v^{-11}zt_1^2 + 4v^{-13}z^5t_1^2 + 12v^{-13}z^3t_1^2 + 5v^{-13}zt_1^2 - 4v^{-11}z^7 - 19v^{-11}z^5 - 28v^{-11}z^3 - 17v^{-11}z - 3v^{-11}z^{-1} + 4v^{-13}z^7 + 19v^{-13}z^5 + 30v^{-13}z^3 + 22v^{-13}z + 5v^{-13}z^{-1} - 2v^{-15}z^3 - 5v^{-15}z - 2v^{-15}z^{-1}$

$HSM(\overline{5_{20}}) = -v^{-9}z^9t_1^4 - 6v^{-9}z^7t_1^4 - 11v^{-9}z^5t_1^4 - 6v^{-9}z^3t_1^4 - 3v^{-13}z^{11}t_1^2 - 25v^{-13}z^9t_1^2 - 77v^{-13}z^7t_1^2 - 109v^{-13}z^5t_1^2 - 70v^{-13}z^3t_1^2 - 16v^{-13}zt_1^2 + 3v^{-15}z^7t_1^2 + 16v^{-15}z^5t_1^2 + 25v^{-15}z^3t_1^2 + 11v^{-15}zt_1^2 - 3v^{-13}z^9 - 20v^{-13}z^7 - 45v^{-13}z^5 - 42v^{-13}z^3 - 17v^{-13}z - 3v^{-13}z^{-1} + 3v^{-15}z^9 + 20v^{-15}z^7 + 46v^{-15}z^5 + 46v^{-15}z^3 + 22v^{-15}z + 5v^{-15}z^{-1} - v^{-17}z^5 - 4v^{-17}z^3 - 5v^{-17}z - 2v^{-17}z^{-1}$

$HSM(5_{21}) = v^4z^4t_1^3 + 2v^4z^2t_1^3 - v^2z^4t_1^3 - v^2z^2t_1^3 - v^2z^6t_1 - 4v^2z^4t_1 - 3v^2z^2t_1 + 2v^2t_1 + z^6t_1 + 3z^4t_1 - 2t_1 - v^{-2}z^4t_1 - v^{-2}z^2t_1 + v^{-4}t_1$

$HSM(\overline{5_{21}}) = -v^6z^4t_1^3 - v^6z^2t_1^3 - v^6z^2t_1 - 2v^6t_1 + v^4z^6t_1 + 4v^4z^4t_1 + 6v^4z^2t_1 + 3v^4t_1 - v^2z^4t_1 - v^2z^2t_1$

$HSM(5_{22}) = -v^3zt_1^2 + v^{-1}zt_1^2 + v^3z - vz^{-1} - v^{-1}z + v^{-1}z^{-1}$

$HSM(\overline{5_{22}}) = v^5z^3t_1^4 - vz^7t_1^2 - 3vz^5t_1^2 - vz^3t_1^2 + 2vzt_1^2 + v^{-1}z^3t_1^2 - 3v^{-1}zt_1^2 - vz^5 - 2vz^3 - 3vz + v^{-1}z^5 + 2v^{-1}z^3 + 4v^{-1}z - v^{-1}z^{-1} - v^{-3}z + v^{-3}z^{-1}$

$HSM(\overline{5_{23}}) = v^4t_1 - v^2z^2t_1 - 2v^2t_1 + 2t_1$
$HSM(\overline{5_{24}}) = -v^{-3}z^3t_1^4 - 3v^{-7}z^5t_1^2 - 9v^{-7}z^3t_1^2 - 7v^{-7}zt_1^2 + 3v^{-9}zt_1^2 - 3v^{-7}z^3 - 3v^{-7}z - v^{-7}z^{-1} + 3v^{-9}z^3 + 3v^{-9}z + v^{-9}z^{-1}$
$HSM(5_{25}) = v^7zt_1^2 + v^3z^3t_1^2 + v^3zt_1^2 - v^7z - v^5z - v^5z^{-1} + 2v^3z + v^3z^{-1}$
$HSM(\overline{5_{25}}) = -vz^3t_1^4 + v^{-3}z^7t_1^2 + 3v^{-3}z^5t_1^2 - 4v^{-3}zt_1^2 - 2v^{-5}z^3t_1^2 + v^{-5}zt_1^2 + v^{-3}z^5 + 2v^{-3}z^3 + 3v^{-3}z - v^{-5}z^5 - 2v^{-5}z^3 - 5v^{-5}z - v^{-5}z^{-1} + 2v^{-7}z + v^{-7}z^{-1}$
$HSM(5_{26}) = -v^6z^4t_1^3 - v^6z^2t_1^3 + v^4z^6t_1 + 3v^4z^4t_1 + 2v^4z^2t_1 - v^4t_1 - v^2z^4t_1 + 2v^2t_1$
$HSM(\overline{5_{26}}) = z^2t_1 + t_1 - v^{-2}z^4t_1 - 2v^{-2}z^2t_1 + v^{-4}z^2t_1$
$HSM(5_{27}) = -v^6z^4t_1^3 - v^6z^2t_1^3 + v^4z^6t_1 + 3v^4z^4t_1 + 2v^4z^2t_1 - v^4t_1 - v^2z^4t_1 + 2v^2t_1$
$HSM(\overline{5_{27}}) = z^2t_1 + t_1 - v^{-2}z^4t_1 - 2v^{-2}z^2t_1 + v^{-4}z^2t_1$
$HSM(5_{28}) = -v^{-5}z^5t_1^2 - 3v^{-5}z^3t_1^2 - 2v^{-5}zt_1^2 - 2v^{-5}z^3 - 5v^{-5}z - 2v^{-5}z^{-1} + 2v^{-7}z^3 + 6v^{-7}z + 3v^{-7}z^{-1} - v^{-9}z - v^{-9}z^{-1}$
$HSM(\overline{5_{28}}) = vz^3t_1^4 - v^{-3}z^7t_1^2 - 3v^{-3}z^5t_1^2 - 3v^{-3}z^3t_1^2 - v^{-3}zt_1^2 + v^{-5}z^3t_1^2 - v^{-5}zt_1^2 - v^{-3}z^5 - v^{-3}z^3 - 2v^{-3}z - v^{-3}z^{-1} + v^{-5}z^5 + v^{-5}z^3 + 2v^{-5}z + v^{-5}z^{-1}$
$HSM(5_{29}) = -v^3z^3t_1^2 - v^3zt_1^2 + vzt_1^2 + v^3z^3 + 2v^3z - vz^3 - 3vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$
$HSM(\overline{5_{29}}) = -v^3zt_1^2 + vz^3t_1^2 + vzt_1^2 + v^3z - vz^3 - 2vz - vz^{-1} + v^{-1}z^3 + 2v^{-1}z + v^{-1}z^{-1} - v^{-3}z$
$HSM(5_{30}) = v^4t_1 - v^2z^2t_1 - v^2t_1 - z^2t_1 + v^{-2}t_1$
$HSM(\overline{5_{30}}) = -v^2z^2t_1^3 + v^2t_1 + z^4t_1 + z^2t_1 - t_1 - v^{-2}z^2t_1 + v^{-2}t_1$
$HSM(5_{31}) = v^4z^4t_1^3 + v^4z^2t_1^3 - v^2z^6t_1 - 3v^2z^4t_1 - 2v^2z^2t_1 + z^4t_1 + z^2t_1 + t_1$
$HSM(\overline{5_{31}}) = v^4z^2t_1^3 - v^2z^4t_1 - 3v^2z^2t_1 + z^4t_1 + 3z^2t_1 + t_1 - v^{-2}z^2t_1$
$HSM(5_{32}) = z^2t_1 + 2t_1 - v^{-2}z^4t_1 - 3v^{-2}z^2t_1 - 2v^{-2}t_1 + v^{-4}z^2t_1 + v^{-4}t_1$
$HSM(\overline{5_{32}}) = z^2t_1^3 - v^{-2}z^4t_1 - v^{-2}z^2t_1 + v^{-2}t_1 + 2v^{-4}z^2t_1 + v^{-4}t_1 - v^{-6}t_1$
$HSM(5_{33}) = v^{-1}zt_1^2 - v^3z^{-1} + vz + vz^{-1} - v^{-1}z$
$HSM(\overline{5_{33}}) = -vzt_1^2 + v^{-1}z^3t_1^2 - v^{-3}zt_1^2 + v^{-1}z - v^{-3}z - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(5_{34}) = -2v^{-3}z^3t_1^2 - 3v^{-3}zt_1^2 + v^{-5}zt_1^2 + v^{-3}z^3 + v^{-3}z - v^{-3}z^{-1} - v^{-5}z^3 - 2v^{-5}z + v^{-5}z^{-1} + v^{-7}z$
$HSM(\overline{5_{34}}) = -v^{-1}z^3t_1^4 + v^{-5}z^7t_1^2 + 2v^{-5}z^5t_1^2 - 2v^{-5}z^3t_1^2 - 4v^{-5}zt_1^2 - v^{-7}z^3t_1^2 + 2v^{-7}zt_1^2 + v^{-5}z^5 - 2v^{-5}z - 2v^{-5}z^{-1} - v^{-7}z^5 + 2v^{-7}z + 3v^{-7}z^{-1} - v^{-9}z^{-1}$
$HSM(5_{35}) = v^7z^3t_1^2 + v^5z^3t_1^2 + v^5zt_1^2 + v^9z^{-1} - v^7z^3 - 2v^7z - 2v^7z^{-1} + v^3z^3 + 2v^3z + v^3z^{-1}$
$HSM(\overline{5_{35}}) = -v^3z^3t_1^4 + v^{-1}z^7t_1^2 + 4v^{-1}z^5t_1^2 + 3v^{-1}z^3t_1^2 - 3v^{-1}zt_1^2 - v^{-3}z^3t_1^2 + 2v^{-3}zt_1^2 - v^{-1}z^3 + v^{-1}z - v^{-1}z^{-1} + 2v^{-3}z^3 + v^{-3}z^{-1} - v^{-5}z^3 - v^{-5}z$
$HSM(5_{36}) = -v^2z^2t_1 - v^2t_1 + z^4t_1 + 3z^2t_1 + 3t_1 - v^{-2}z^2t_1 - v^{-2}t_1$
$HSM(\overline{5_{36}}) = v^{-4}z^2t_1^3 + v^{-4}z^4t_1 + 3v^{-4}z^2t_1 + 2v^{-4}t_1 - v^{-8}t_1$
$HSM(5_{37}) = vz^3t_1^2 + vzt_1^2 - v^{-1}zt_1^2 - vz^3 - 2vz - vz^{-1} + v^{-1}z^3 + 3v^{-1}z + v^{-1}z^{-1} - v^{-3}z$
$HSM(\overline{5_{37}}) = v^5zt_1^2 - v^3z^3t_1^2 - v^3zt_1^2 - v^5z + v^3z^3 + 2v^3z - vz^3 - 2vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$
$HSM(5_{38}) = v^7zt_1^2 - v^5z^3t_1^2 - v^5zt_1^2 + v^7z^{-1} - 2v^5z - 2v^5z^{-1} + v^3z + vz + vz^{-1}$
$HSM(\overline{5_{39}}) = -v^2z^2t_1^3 + z^4t_1^3 + z^2t_1^3 - z^2t_1 - t_1 + 2v^{-2}z^4t_1 + 5v^{-2}z^2t_1 + 4v^{-2}t_1 - 2v^{-4}z^2t_1 - 2v^{-4}t_1$
$HSM(5_{40}) = -v^6z^2t_1 - 2v^6t_1 + v^4z^4t_1 + 4v^4z^2t_1 + 3v^4t_1$
$HSM(\overline{5_{40}}) = z^4t_1^3 + 2z^2t_1^3 - v^{-2}z^6t_1 - 4v^{-2}z^4t_1 - 3v^{-2}z^2t_1 + 2v^{-2}t_1 + v^{-4}z^4t_1 + 2v^{-4}z^2t_1 - v^{-4}t_1$
$HSM(5_{41}) = -v^{-7}z^7t_1^2 - 6v^{-7}z^5t_1^2 - 10v^{-7}z^3t_1^2 - 4v^{-7}zt_1^2 + v^{-9}z^3t_1^2 + 2v^{-9}zt_1^2 - v^{-7}z^5 - 5v^{-7}z^3 - 7v^{-7}z - 3v^{-7}z^{-1} + v^{-9}z^5 + 5v^{-9}z^3 + 8v^{-9}z + 5v^{-9}z^{-1} - v^{-11}z - 2v^{-11}z^{-1}$
$HSM(\overline{5_{42}}) = v^2z^2t_1^3 + z^2t_1^3 - z^4t_1 - 2z^2t_1 + t_1 - v^{-2}z^4t_1 - v^{-2}z^2t_1 + v^{-4}z^2t_1$
$HSM(5_{43}) = v^{-1}z^3t_1^4 - v^{-3}z^5t_1^2 - 4v^{-3}z^3t_1^2 - 3v^{-3}zt_1^2 + 2v^{-5}z^5t_1^2 + 5v^{-5}z^3t_1^2 + 4v^{-5}zt_1^2 - 2v^{-7}zt_1^2 - v^{-3}z^3 - 3v^{-3}z - 2v^{-3}z^{-1} + 3v^{-5}z^3 + 4v^{-5}z + 3v^{-5}z^{-1} - 2v^{-7}z^3 - v^{-7}z - v^{-7}z^{-1}$
$HSM(\overline{5_{43}}) = -v^{-3}z^3t_1^2 - v^{-3}zt_1^2 - v^{-5}z^3t_1^2 - 2v^{-5}zt_1^2 - v^{-3}z - v^{-5}z^{-1} + v^{-7}z + v^{-7}z^{-1}$
$HSM(5_{44}) = -v^4z^4t_1^3 - 2v^4z^2t_1^3 + v^2z^6t_1 + 4v^2z^4t_1 + 3v^2z^2t_1 + t_1 - v^{-2}z^2t_1$
$HSM(\overline{5_{44}}) = z^6t_1^3 + 4z^4t_1^3 + 3z^2t_1^3 - v^{-2}z^4t_1^3 - v^{-2}z^2t_1^3 + v^{-4}z^2t_1^3 - v^{-2}z^8t_1 - 6v^{-2}z^6t_1 - 10v^{-2}z^4t_1 - 3v^{-2}z^2t_1 + 2v^{-2}t_1 + v^{-4}z^6t_1 + 3v^{-4}z^4t_1 - 3v^{-4}t_1 + 3v^{-6}z^2t_1 + 4v^{-6}t_1 - 2v^{-8}t_1$
$HSM(5_{45}) = v^5z^3t_1^4 - vz^7t_1^2 - 3vz^5t_1^2 - 2vz^3t_1^2 + 2v^{-1}z^3t_1^2 - vz^5 - vz^3 - vz - vz^{-1} + v^{-1}z^5 + v^{-1}z^3 + 2v^{-1}z + v^{-1}z^{-1} - v^{-3}z$
$HSM(\overline{5_{45}}) = v^3z^3t_1^2 + v^3zt_1^2 - vz^3t_1^2 - 2vzt_1^2 - v^3z^3 - v^3z + vz^3 + 2vz - v^{-1}z - v^{-1}z^{-1} + v^{-3}z^{-1}$

$HSM(5_{46}) = -v^6z^4t_1^3 - v^6z^2t_1 - 2v^6t_1 + v^4z^6t_1 + 3v^4z^4t_1 + 4v^4z^2t_1 + 3v^4t_1 - v^2z^4t_1$
$HSM(\overline{5_{46}}) = v^4z^4t_1^3 + 2v^4z^2t_1^3 - v^2z^4t_1^3 - v^2z^2t_1^3 - v^2z^6t_1 - 4v^2z^4t_1 - 3v^2z^2t_1 + 2v^2t_1 + z^6t_1 + 3z^4t_1 - 3t_1 - v^{-2}z^4t_1 + 2v^{-2}t_1$
$HSM(5_{47}) = -v^{-9}z^9t_1^4 - 5v^{-9}z^7t_1^4 - 7v^{-9}z^5t_1^4 - 3v^{-9}z^3t_1^4 - 4v^{-13}z^{11}t_1^2 - 32v^{-13}z^9t_1^2 - 93v^{-13}z^7t_1^2 - 121v^{-13}z^5t_1^2 - 69v^{-13}z^3t_1^2 - 14v^{-13}zt_1^2 + 4v^{-15}z^7t_1^2 + 20v^{-15}z^5t_1^2 + 28v^{-15}z^3t_1^2 + 11v^{-15}zt_1^2 - v^{-17}zt_1^2 - 4v^{-13}z^9 - 26v^{-13}z^7 - 58v^{-13}z^5 - 57v^{-13}z^3 - 26v^{-13}z - 5v^{-13}z^{-1} + 4v^{-15}z^9 + 26v^{-15}z^7 + 60v^{-15}z^5 + 66v^{-15}z^3 + 38v^{-15}z + 10v^{-15}z^{-1} - 2v^{-17}z^5 - 9v^{-17}z^3 - 12v^{-17}z - 6v^{-17}z^{-1} + v^{-19}z^{-1}$
$HSM(\overline{5_{47}}) = -v^{-7}z^7t_1^4 - 3v^{-7}z^5t_1^4 - 2v^{-7}z^3t_1^4 - 4v^{-11}z^9t_1^2 - 24v^{-11}z^7t_1^2 - 49v^{-11}z^5t_1^2 - 40v^{-11}z^3t_1^2 - 11v^{-11}zt_1^2 + 4v^{-13}z^5t_1^2 + 11v^{-13}z^3t_1^2 + 6v^{-13}zt_1^2 - 4v^{-11}z^7 - 18v^{-11}z^5 - 26v^{-11}z^3 - 14v^{-11}z - 2v^{-11}z^{-1} + 4v^{-13}z^7 + 18v^{-13}z^5 + 28v^{-13}z^3 + 18v^{-13}z + 3v^{-13}z^{-1} - 2v^{-15}z^3 - 4v^{-15}z - v^{-15}z^{-1}$
$HSM(5_{48}) = v^6t_1 - v^4t_1 - v^2z^4t_1 - 3v^2z^2t_1 - v^2t_1 + z^2t_1 + 2t_1$
$HSM(\overline{5_{48}}) = -v^{10}z^4t_1^5 + v^4z^{10}t_1^3 + 5v^4z^8t_1^3 + 9v^4z^6t_1^3 + 4v^4z^4t_1^3 - 3v^4z^2t_1^3 - v^2z^4t_1^3 + 3v^2z^2t_1^3 + v^2z^{10}t_1 + 2v^2z^8t_1 - 2v^2z^6t_1 + 2v^2z^2t_1 - 2v^2t_1 - z^8t_1 + 3z^4t_1 + z^2t_1 + 5t_1 - v^{-2}z^4t_1 - v^{-2}z^2t_1 - 2v^{-2}t_1$
$HSM(5_{49}) = -v^{-5}z^5t_1^2 - 3v^{-5}z^3t_1^2 - v^{-5}zt_1^2 - v^{-7}z^5t_1^2 - 4v^{-7}z^3t_1^2 - 2v^{-7}zt_1^2 + v^{-9}zt_1^2 - v^{-5}z^3 - 2v^{-5}z - v^{-5}z^{-1} - v^{-7}z + v^{-9}z^3 + 3v^{-9}z + 2v^{-9}z^{-1} - v^{-11}z^{-1}$
$HSM(\overline{5_{49}}) = -v^{-1}z^3t_1^2 - 2v^{-1}zt_1^2 + v^{-3}z^5t_1^2 + 3v^{-3}z^3t_1^2 + v^{-3}zt_1^2 - v^{-5}zt_1^2 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z^3 + 3v^{-3}z + 2v^{-3}z^{-1} - v^{-5}z^3 - 2v^{-5}z - 2v^{-5}z^{-1} + v^{-7}z^{-1}$
$HSM(5_{50}) = v^3z^3t_1^2 + 2v^3zt_1^2 - v^5z - v^5z^{-1} + v^3z + v^3z^{-1}$
$HSM(\overline{5_{50}}) = -v^{-3}z^3t_1^2 - 2v^{-3}zt_1^2 - v^{-5}z^3t_1^2 - v^{-5}zt_1^2 - v^{-5}z - v^{-5}z^{-1} + v^{-7}z + v^{-7}z^{-1}$
$HSM(5_{51}) = v^8z^2t_1^3 - v^6z^4t_1 - 2v^6z^2t_1 - v^6t_1 + 2v^4z^2t_1 + v^4t_1 + v^2z^2t_1 + v^2t_1$
$HSM(5_{52}) = -v^2z^4t_1^3 - 2v^2z^2t_1^3 + z^6t_1 + 4z^4t_1 + 4z^2t_1 + t_1 - v^{-2}z^4t_1 - 2v^{-2}z^2t_1$
$HSM(\overline{5_{52}}) = -v^6z^2t_1^3 + v^4z^4t_1 + 3v^4z^2t_1 + v^4t_1 - v^2z^4t_1 - 4v^2z^2t_1 - 2v^2t_1 + z^2t_1 + 2t_1$
$HSM(5_{53}) = v^{-1}z^3t_1^2 + v^{-1}zt_1^2 - v^{-3}zt_1^2 - v^{-1}z^3 - 3v^{-1}z - 2v^{-1}z^{-1} + v^{-3}z^3 + 4v^{-3}z + 3v^{-3}z^{-1} - v^{-5}z - v^{-5}z^{-1}$
$HSM(\overline{5_{53}}) = -v^{-7}z^7t_1^2 - 6v^{-7}z^5t_1^2 - 11v^{-7}z^3t_1^2 - 6v^{-7}zt_1^2 + v^{-9}z^3t_1^2 + 2v^{-9}zt_1^2 - v^{-7}z^5 - 4v^{-7}z^3 - 4v^{-7}z - v^{-7}z^{-1} + v^{-9}z^5 + 4v^{-9}z^3 + 4v^{-9}z + v^{-9}z^{-1}$
$HSM(\overline{5_{54}}) = -v^6z^4t_1^3 - 2v^6z^2t_1^3 + v^4z^6t_1 + 4v^4z^4t_1 + 4v^4z^2t_1 - v^4t_1 - v^2z^4t_1 - v^2z^2t_1 + 2v^2t_1$
$HSM(5_{55}) = -v^{-1}z^3t_1^2 - 2v^{-1}zt_1^2 + v^{-3}z^3t_1^2 + v^{-3}zt_1^2 + v^{-1}z^3 + v^{-1}z - v^{-1}z^{-1} - v^{-3}z^3 - v^{-3}z + v^{-3}z^{-1}$
$HSM(\overline{5_{55}}) = v^5z^3t_1^2 + 2v^5zt_1^2 - v^3z^3t_1^2 - v^3zt_1^2 - vz^3t_1^2 - vzt_1^2 - v^5z^3 - 2v^5z + v^3z^3 + 2v^3z - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$
$HSM(5_{56}) = -v^{-5}z^5t_1^2 - 3v^{-5}z^3t_1^2 - v^{-5}zt_1^2 - 2v^{-5}z^3 - 6v^{-5}z - 3v^{-5}z^{-1} + 2v^{-7}z^3 + 7v^{-7}z + 5v^{-7}z^{-1} - v^{-9}z - 2v^{-9}z^{-1}$
$HSM(\overline{5_{56}}) = vz^3t_1^4 - v^{-3}z^7t_1^2 - 3v^{-3}z^5t_1^2 - 3v^{-3}z^3t_1^2 - 2v^{-3}zt_1^2 + v^{-5}z^3t_1^2 - v^{-5}zt_1^2 - v^{-3}z^5 - v^{-3}z^3 - v^{-3}z + v^{-5}z^5 + v^{-5}z^3 + v^{-5}z - v^{-5}z^{-1} + v^{-7}z^{-1}$
$HSM(5_{57}) = v^3zt_1^2 + vzt_1^2 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{5_{57}}) = -v^{-1}zt_1^2 - v^{-3}zt_1^2 - v^{-5}zt_1^2 - v^{-5}z^{-1} + v^{-7}z^{-1}$
$HSM(5_{58}) = -v^6z^2t_1^3 - v^4z^2t_1^3 + v^4z^4t_1 + 2v^4z^2t_1 + v^2z^4t_1 + v^2z^2t_1 - z^2t_1 + t_1$
$HSM(\overline{5_{58}}) = v^2t_1 - z^2t_1 - v^{-2}z^2t_1 - v^{-2}t_1 + v^{-4}t_1$
$HSM(5_{59}) = -v^{-1}z^3t_1^2 - v^{-1}zt_1^2 + v^{-3}z^5t_1^2 + 3v^{-3}z^3t_1^2 + 2v^{-3}zt_1^2 - v^{-5}zt_1^2 - 2v^{-1}z - 2v^{-1}z^{-1} + v^{-3}z^3 + 3v^{-3}z + 3v^{-3}z^{-1} - v^{-5}z^3 - v^{-5}z - v^{-5}z^{-1}$
$HSM(\overline{5_{59}}) = -v^{-5}z^5t_1^2 - 3v^{-5}z^3t_1^2 - 2v^{-5}zt_1^2 - v^{-7}z^5t_1^2 - 4v^{-7}z^3t_1^2 - 3v^{-7}zt_1^2 + v^{-9}zt_1^2 - v^{-5}z^3 - v^{-5}z - v^{-7}z - v^{-7}z^{-1} + v^{-9}z^3 + 2v^{-9}z + v^{-9}z^{-1}$
$HSM(5_{60}) = -v^4z^2t_1^3 + v^4t_1 + v^2z^4t_1 + v^2z^2t_1 - v^2t_1 - 2z^2t_1 + v^{-2}t_1$
$HSM(\overline{5_{60}}) = -v^4z^2t_1^3 - v^2z^2t_1^3 + v^2z^4t_1 + 2v^2z^2t_1 + v^2t_1 + z^4t_1 - t_1 - v^{-2}z^2t_1 + v^{-2}t_1$
$HSM(5_{61}) = -v^9z^3t_1^4 + v^5z^7t_1^2 + 4v^5z^5t_1^2 + 4v^5z^3t_1^2 + v^5zt_1^2 - 2v^3z^3t_1^2 + v^3zt_1^2 - 2v^5z^3 - 2v^5z - v^5z^{-1} + 3v^3z^3 + 2v^3z + v^3z^{-1} - vz^3$
$HSM(\overline{5_{61}}) = -v^3zt_1^2 + 2vz^3t_1^2 + vzt_1^2 - 2v^{-1}zt_1^2 - vz^3 + v^{-1}z^3 + 2v^{-1}z - 2v^{-3}z - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(5_{62}) = -v^2z^6t_1^3 - 4v^2z^4t_1^3 - 4v^2z^2t_1^3 + z^4t_1^3 + z^2t_1^3 + z^8t_1 + 6z^6t_1 + 11z^4t_1 + 7z^2t_1 + t_1 - v^{-2}z^6t_1 - 4v^{-2}z^4t_1 - 4v^{-2}z^2t_1$
$HSM(\overline{5_{62}}) = v^2z^4t_1^3 + v^2z^2t_1^3 - z^6t_1 - 3z^4t_1 + 2t_1 - v^{-2}z^4t_1 - 4v^{-2}z^2t_1 - 3v^{-2}t_1 + 3v^{-4}z^2t_1 + 3v^{-4}t_1 - v^{-6}t_1$

$HSM(5_{63}) = v^3z^3t_1^2 + v^3zt_1^2 - vz^3t_1^2 - vzt_1^2 + v^{-1}zt_1^2 - v^3z^3 - v^3z - v^3z^{-1} + vz^3 + 2vz + vz^{-1} - v^{-1}z$

$HSM(\overline{5_{63}}) = v^5z^3t_1^4 - vz^7t_1^2 - 3vz^5t_1^2 - 2vz^3t_1^2 + 2v^{-1}z^3t_1^2 - v^{-1}zt_1^2 - v^{-3}zt_1^2 - vz^5 - vz^3 - vz + v^{-1}z^5 + v^{-1}z^3 + 2v^{-1}z - v^{-3}z - v^{-3}z^{-1} + v^{-5}z^{-1}$

$HSM(5_{64}) = -v^6z^4t_1^3 - 2v^6z^2t_1^3 + v^4z^4t_1^3 + v^4z^2t_1^3 + v^4z^6t_1 + 4v^4z^4t_1 + 3v^4z^2t_1 - v^4t_1 - v^2z^6t_1 - 3v^2z^4t_1 - v^2z^2t_1 + 2v^2t_1 + z^4t_1$

$HSM(\overline{5_{64}}) = v^4z^4t_1^3 - v^2z^2t_1^3 + v^4z^2t_1 + 2v^4t_1 - v^2z^6t_1 - 3v^2z^4t_1 - 4v^2z^2t_1 - 3v^2t_1 + 2z^4t_1 + 2z^2t_1 + t_1 - v^{-2}z^2t_1 + v^{-2}t_1$

$HSM(5_{65}) = -v^{-7}z^7t_1^4 - 2v^{-7}z^5t_1^4 - v^{-7}z^3t_1^4 - 5v^{-11}z^9t_1^2 - 28v^{-11}z^7t_1^2 - 52v^{-11}z^5t_1^2 - 36v^{-11}z^3t_1^2 - 8v^{-11}zt_1^2 + 5v^{-13}z^5t_1^2 + 11v^{-13}z^3t_1^2 + 5v^{-13}zt_1^2 - 5v^{-11}z^7 - 22v^{-11}z^5 - 35v^{-11}z^3 - 22v^{-11}z - 5v^{-11}z^{-1} + 5v^{-13}z^7 + 22v^{-13}z^5 + 39v^{-13}z^3 + 32v^{-13}z + 10v^{-13}z^{-1} - 4v^{-15}z^3 - 10v^{-15}z - 6v^{-15}z^{-1} + v^{-17}z^{-1}$

$HSM(\overline{5_{65}}) = -v^{-9}z^9t_1^4 - 5v^{-9}z^7t_1^4 - 8v^{-9}z^5t_1^4 - 4v^{-9}z^3t_1^4 - 4v^{-13}z^{11}t_1^2 - 31v^{-13}z^9t_1^2 - 89v^{-13}z^7t_1^2 - 118v^{-13}z^5t_1^2 - 73v^{-13}z^3t_1^2 - 17v^{-13}zt_1^2 + 4v^{-15}z^7t_1^2 + 19v^{-15}z^5t_1^2 + 28v^{-15}z^3t_1^2 + 12v^{-15}zt_1^2 - v^{-17}zt_1^2 - 4v^{-13}z^9 - 25v^{-13}z^7 - 54v^{-13}z^5 - 48v^{-13}z^3 - 18v^{-13}z - 2v^{-13}z^{-1} + 4v^{-15}z^9 + 25v^{-15}z^7 + 56v^{-15}z^5 + 55v^{-15}z^3 + 24v^{-15}z + 3v^{-15}z^{-1} - 2v^{-17}z^5 - 7v^{-17}z^3 - 6v^{-17}z - v^{-17}z^{-1}$

$HSM(5_{66}) = -v^{-3}z^3t_1^2 - v^{-5}z^3t_1^2 - v^{-5}zt_1^2 - 2v^{-3}z - v^{-3}z^{-1} + 2v^{-7}z + 2v^{-7}z^{-1} - v^{-9}z^{-1}$

$HSM(\overline{5_{66}}) = v^{-1}z^3t_1^4 - v^{-3}z^5t_1^2 - 4v^{-3}z^3t_1^2 - 4v^{-3}zt_1^2 + 2v^{-5}z^5t_1^2 + 5v^{-5}z^3t_1^2 + 3v^{-5}zt_1^2 - 2v^{-7}zt_1^2 - v^{-3}z^3 - 2v^{-3}z - v^{-3}z^{-1} + 3v^{-5}z^3 + 4v^{-5}z + 2v^{-5}z^{-1} - 2v^{-7}z^3 - 2v^{-7}z - 2v^{-7}z^{-1} + v^{-9}z^{-1}$

$HSM(\overline{5_{67}}) = -v^{-3}z^3t_1^4 - v^{-5}z^3t_1^4 - 2v^{-7}z^5t_1^2 - 5v^{-7}z^3t_1^2 - 3v^{-7}zt_1^2 - 3v^{-9}z^5t_1^2 - 9v^{-9}z^3t_1^2 - 4v^{-9}zt_1^2 + 3v^{-11}zt_1^2 - 2v^{-7}z^3 - v^{-7}z - v^{-9}z^3 - 3v^{-9}z - 2v^{-9}z^{-1} + 3v^{-11}z^3 + 4v^{-11}z + 3v^{-11}z^{-1} - v^{-13}z^{-1}$

$HSM(5_{68}) = -v^6z^4t_1^5 + z^{10}t_1^3 + 4z^8t_1^3 + 3z^6t_1^3 - 5z^4t_1^3 - 5z^2t_1^3 - v^{-2}z^4t_1^3 + 3v^{-2}z^2t_1^3 + 2v^{-2}z^{10}t_1 + 10v^{-2}z^8t_1 + 19v^{-2}z^6t_1 + 21v^{-2}z^4t_1 + 10v^{-2}z^2t_1 + v^{-2}t_1 - 2v^{-4}z^8t_1 - 7v^{-4}z^6t_1 - 11v^{-4}z^4t_1 - 8v^{-4}z^2t_1 + v^{-4}t_1 + 2v^{-6}z^2t_1 - v^{-6}t_1$

$HSM(\overline{5_{68}}) = v^4z^2t_1^3 - v^2z^4t_1 - 2v^2z^2t_1 + v^2t_1 - t_1 + v^{-2}t_1$

$HSM(5_{69}) = -v^{-5}z^5t_1^4 - v^{-5}z^3t_1^4 - 4v^{-9}z^7t_1^2 - 17v^{-9}z^5t_1^2 - 21v^{-9}z^3t_1^2 - 7v^{-9}zt_1^2 + 4v^{-11}z^3t_1^2 + 4v^{-11}zt_1^2 - 4v^{-9}z^5 - 11v^{-9}z^3 - 10v^{-9}z - 3v^{-9}z^{-1} + 4v^{-11}z^5 + 11v^{-11}z^3 + 12v^{-11}z + 5v^{-11}z^{-1} - 2v^{-13}z - 2v^{-13}z^{-1}$

$HSM(\overline{5_{69}}) = -v^{-11}z^{11}t_1^4 - 8v^{-11}z^9t_1^4 - 22v^{-11}z^7t_1^4 - 24v^{-11}z^5t_1^4 - 8v^{-11}z^3t_1^4 + v^{-13}z^3t_1^4 - 3v^{-15}z^{13}t_1^2 - 31v^{-15}z^{11}t_1^2 - 124v^{-15}z^9t_1^2 - 244v^{-15}z^7t_1^2 - 247v^{-15}z^5t_1^2 - 121v^{-15}z^3t_1^2 - 22v^{-15}zt_1^2 + 3v^{-17}z^9t_1^2 + 22v^{-17}z^7t_1^2 + 56v^{-17}z^5t_1^2 + 56v^{-17}z^3t_1^2 + 18v^{-17}zt_1^2 - 2v^{-19}zt_1^2 - 3v^{-15}z^{11} - 26v^{-15}z^9 - 82v^{-15}z^7 - 118v^{-15}z^5 - 81v^{-15}z^3 - 26v^{-15}z - 3v^{-15}z^{-1} + 3v^{-17}z^{11} + 26v^{-17}z^9 + 83v^{-17}z^7 + 124v^{-17}z^5 + 95v^{-17}z^3 + 36v^{-17}z + 5v^{-17}z^{-1} - v^{-19}z^7 - 6v^{-19}z^5 - 14v^{-19}z^3 - 10v^{-19}z - 2v^{-19}z^{-1}$

$HSM(5_{70}) = v^4z^2t_1^3 - v^2z^4t_1^3 - v^2z^2t_1^3 + 2v^2z^2t_1 + 3v^2t_1 - 3z^4t_1 - 8z^2t_1 - 5t_1 + 3v^{-2}z^2t_1 + 3v^{-2}t_1$

$HSM(\overline{5_{70}}) = -v^8z^2t_1^3 + v^6z^4t_1 + 2v^6z^2t_1 - v^6t_1 + v^4t_1 + v^2z^2t_1 + v^2t_1$

$HSM(\overline{5_{71}}) = v^9z^3t_1^4 - v^5z^7t_1^2 - 4v^5z^5t_1^2 - 4v^5z^3t_1^2 + 2v^5zt_1^2 - 3v^3zt_1^2 + 2v^5z^3 + v^5z^{-1} - 2v^3z^3 - v^3z - 2v^3z^{-1} + v^{-1}z + v^{-1}z^{-1}$

$HSM(5_{72}) = -v^8t_1 + v^4z^4t_1 + 4v^4z^2t_1 + 2v^4t_1$

$HSM(\overline{5_{72}}) = v^8z^4t_1^5 - v^2z^{10}t_1^3 - 5v^2z^8t_1^3 - 9v^2z^6t_1^3 - 4v^2z^4t_1^3 + 4v^2z^2t_1^3 + z^4t_1^3 - 2z^2t_1^3 - z^{10}t_1 - 2z^8t_1 + 2z^6t_1 - z^4t_1 - 4z^2t_1 + 3t_1 + v^{-2}z^8t_1 - 4v^{-2}z^4t_1 - 2v^{-2}z^2t_1 - 4v^{-2}t_1 + v^{-4}z^4t_1 + 2v^{-4}z^2t_1 + 2v^{-4}t_1$

$HSM(5_{73}) = -v^{-9}z^9t_1^4 - 6v^{-9}z^7t_1^4 - 10v^{-9}z^5t_1^4 - 4v^{-9}z^3t_1^4 - 3v^{-13}z^{11}t_1^2 - 26v^{-13}z^9t_1^2 - 82v^{-13}z^7t_1^2 - 116v^{-13}z^5t_1^2 - 71v^{-13}z^3t_1^2 - 14v^{-13}zt_1^2 + 3v^{-15}z^7t_1^2 + 17v^{-15}z^5t_1^2 + 26v^{-15}z^3t_1^2 + 9v^{-15}zt_1^2 - 3v^{-13}z^9 - 21v^{-13}z^7 - 49v^{-13}z^5 - 48v^{-13}z^3 - 21v^{-13}z - 3v^{-13}z^{-1} + 3v^{-15}z^9 + 21v^{-15}z^7 + 50v^{-15}z^5 + 53v^{-15}z^3 + 28v^{-15}z + 5v^{-15}z^{-1} - v^{-17}z^5 - 5v^{-17}z^3 - 7v^{-17}z - 2v^{-17}z^{-1}$

$HSM(\overline{5_{73}}) = -v^{-7}z^7t_1^4 - 4v^{-7}z^5t_1^4 - 3v^{-7}z^3t_1^4 - 3v^{-11}z^9t_1^2 - 20v^{-11}z^7t_1^2 - 45v^{-11}z^5t_1^2 - 40v^{-11}z^3t_1^2 - 11v^{-11}zt_1^2 + 3v^{-13}z^5t_1^2 + 11v^{-13}z^3t_1^2 + 7v^{-13}zt_1^2 - 3v^{-11}z^7 - 15v^{-11}z^5 - 22v^{-11}z^3 - 13v^{-11}z - 3v^{-11}z^{-1} + 3v^{-13}z^7 + 15v^{-13}z^5 + 23v^{-13}z^3 + 16v^{-13}z + 5v^{-13}z^{-1} - v^{-15}z^3 - 3v^{-15}z - 2v^{-15}z^{-1}$

$HSM(\overline{5_{75}}) = v^7z^3t_1^4 - v^3z^7t_1^2 - 3v^3z^5t_1^2 - v^3z^3t_1^2 + 3v^3zt_1^2 - 3vzt_1^2 - v^3z^5 - 2v^3z^3 - 3v^3z + vz^5 + 2vz^3 + 3vz - vz^{-1} + v^{-1}z^{-1}$

$HSM(\overline{5_{76}}) = z^2t_1^3 - v^{-2}z^4t_1^3 - v^{-2}z^2t_1^3 + 2v^{-2}z^2t_1 + 3v^{-2}t_1 - 2v^{-4}z^4t_1 - 4v^{-4}z^2t_1 - 3v^{-4}t_1 + 2v^{-6}z^2t_1 + v^{-6}t_1$

$HSM(\overline{5_{77}}) = -v^{-1}z^3t_1^4 + v^{-5}z^7t_1^2 + 2v^{-5}z^5t_1^2 - 3v^{-5}z^3t_1^2 - 5v^{-5}zt_1^2 - v^{-7}z^3t_1^2 + 2v^{-7}zt_1^2 + v^{-5}z^5 + v^{-5}z^3 - v^{-5}z^{-1} - v^{-7}z^5 - v^{-7}z^3 - v^{-7}z + v^{-7}z^{-1} + v^{-9}z$

$HSM(5_{79}) = v^7zt_1^2 - v^7z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{5_{79}}) = -vz^3t_1^4 + v^{-3}z^7t_1^2 + 3v^{-3}z^5t_1^2 - 4v^{-3}zt_1^2 - v^{-5}z^3t_1^2 + 2v^{-5}zt_1^2 + v^{-3}z^5 + 2v^{-3}z^3 + 2v^{-3}z - v^{-3}z^{-1} - v^{-5}z^5 - 2v^{-5}z^3 - 3v^{-5}z + v^{-5}z^{-1} + v^{-7}z$
$HSM(5_{80}) = -v^{-5}z^5t_1^2 - 4v^{-5}z^3t_1^2 - 3v^{-5}zt_1^2 - v^{-5}z^3 - 3v^{-5}z - v^{-5}z^{-1} + v^{-7}z^3 + 3v^{-7}z + v^{-7}z^{-1}$
$HSM(\overline{5_{80}}) = vz^3t_1^4 - v^{-3}z^7t_1^2 - 3v^{-3}z^5t_1^2 - 2v^{-3}z^3t_1^2 + v^{-5}z^3t_1^2 - v^{-5}zt_1^2 - v^{-3}z^5 - 2v^{-3}z^3 - 4v^{-3}z - 2v^{-3}z^{-1} + v^{-5}z^5 + 2v^{-5}z^3 + 5v^{-5}z + 3v^{-5}z^{-1} - v^{-7}z - v^{-7}z^{-1}$
$HSM(\overline{5_{81}}) = -v^{-5}z^5t_1^4 - 2v^{-5}z^3t_1^4 - 3v^{-9}z^7t_1^2 - 14v^{-9}z^5t_1^2 - 20v^{-9}z^3t_1^2 - 8v^{-9}zt_1^2 + 3v^{-11}z^3t_1^2 + 5v^{-11}zt_1^2 - 3v^{-9}z^5 - 9v^{-9}z^3 - 8v^{-9}z - 3v^{-9}z^{-1} + 3v^{-11}z^5 + 9v^{-11}z^3 + 9v^{-11}z + 5v^{-11}z^{-1} - v^{-13}z - 2v^{-13}z^{-1}$
$HSM(5_{82}) = -vzt_1^2 + v^{-1}z^3t_1^2 - vz^{-1} + 2v^{-1}z + 2v^{-1}z^{-1} - 2v^{-3}z - 2v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(\overline{5_{82}}) = -v^{-3}z^3t_1^4 - v^{-5}z^3t_1^4 - 2v^{-7}z^5t_1^2 - 5v^{-7}z^3t_1^2 - 2v^{-7}zt_1^2 - 3v^{-9}z^5t_1^2 - 9v^{-9}z^3t_1^2 - 4v^{-9}zt_1^2 + 3v^{-11}zt_1^2 - 2v^{-7}z^3 - 2v^{-7}z - v^{-7}z^{-1} - v^{-9}z^3 - 2v^{-9}z + 3v^{-11}z^3 + 4v^{-11}z + 2v^{-11}z^{-1} - v^{-13}z^{-1}$
$HSM(5_{83}) = -v^6z^2t_1^3 + v^4z^4t_1^3 + v^4z^2t_1^3 - 2v^4z^2t_1 - 3v^4t_1 + 3v^2z^4t_1 + 8v^2z^2t_1 + 6v^2t_1 - 3z^2t_1 - 2t_1$
$HSM(\overline{5_{83}}) = v^6z^2t_1^3 - v^4z^4t_1 - 2v^4z^2t_1 + v^4t_1 - v^2t_1 - z^2t_1 + v^{-2}t_1$
$HSM(5_{84}) = -v^{-5}z^5t_1^4 - v^{-5}z^3t_1^4 - 4v^{-9}z^7t_1^2 - 17v^{-9}z^5t_1^2 - 21v^{-9}z^3t_1^2 - 7v^{-9}zt_1^2 + 4v^{-11}z^3t_1^2 + 3v^{-11}zt_1^2 - 4v^{-9}z^5 - 11v^{-9}z^3 - 10v^{-9}z - 2v^{-9}z^{-1} + 4v^{-11}z^5 + 11v^{-11}z^3 + 12v^{-11}z + 3v^{-11}z^{-1} - 2v^{-13}z - v^{-13}z^{-1}$
$HSM(\overline{5_{84}}) = -v^{-11}z^{11}t_1^4 - 8v^{-11}z^9t_1^4 - 22v^{-11}z^7t_1^4 - 24v^{-11}z^5t_1^4 - 9v^{-11}z^3t_1^4 + v^{-13}z^3t_1^4 - 3v^{-15}z^{13}t_1^2 - 31v^{-15}z^{11}t_1^2 - 124v^{-15}z^9t_1^2 - 243v^{-15}z^7t_1^2 - 243v^{-15}z^5t_1^2 - 116v^{-15}z^3t_1^2 - 21v^{-15}zt_1^2 + 3v^{-17}z^9t_1^2 + 22v^{-17}z^7t_1^2 + 56v^{-17}z^5t_1^2 + 55v^{-17}z^3t_1^2 + 18v^{-17}zt_1^2 - 2v^{-19}zt_1^2 - 3v^{-15}z^{11} - 26v^{-15}z^9 - 82v^{-15}z^7 - 118v^{-15}z^5 - 84v^{-15}z^3 - 30v^{-15}z - 5v^{-15}z^{-1} + 3v^{-17}z^{11} + 26v^{-17}z^9 + 83v^{-17}z^7 + 124v^{-17}z^5 + 99v^{-17}z^3 + 44v^{-17}z + 10v^{-17}z^{-1} - v^{-19}z^7 - 6v^{-19}z^5 - 15v^{-19}z^3 - 14v^{-19}z - 6v^{-19}z^{-1} + v^{-21}z^{-1}$
$HSM(\overline{5_{85}}) = -v^{-5}z^5t_1^6 - 5v^{-13}z^{11}t_1^4 - 30v^{-13}z^9t_1^4 - 64v^{-13}z^7t_1^4 - 55v^{-13}z^5t_1^4 - 15v^{-13}z^3t_1^4 + 5v^{-15}z^3t_1^4 - 15v^{-17}z^{13}t_1^2 - 121v^{-17}z^{11}t_1^2 - 378v^{-17}z^9t_1^2 - 587v^{-17}z^7t_1^2 - 475v^{-17}z^5t_1^2 - 190v^{-17}z^3t_1^2 - 30v^{-17}zt_1^2 + 15v^{-19}z^9t_1^2 + 76v^{-19}z^7t_1^2 + 140v^{-19}z^5t_1^2 + 105v^{-19}z^3t_1^2 + 30v^{-19}zt_1^2 - 6v^{-21}zt_1^2 - 15v^{-17}z^{11} - 96v^{-17}z^9 - 222v^{-17}z^7 - 238v^{-17}z^5 - 136v^{-17}z^3 - 40v^{-17}z - 5v^{-17}z^{-1} + 15v^{-19}z^{11} + 96v^{-19}z^9 + 227v^{-19}z^7 + 254v^{-19}z^5 + 167v^{-19}z^3 + 60v^{-19}z + 10v^{-19}z^{-1} - 5v^{-21}z^7 - 16v^{-21}z^5 - 31v^{-21}z^3 - 20v^{-21}z - 6v^{-21}z^{-1} + v^{-23}z^{-1}$
$HSM(5_{86}) = vz^3t_1^2 + vzt_1^2 - vz^3 - 2vz - 2vz^{-1} + v^{-1}z^3 + 3v^{-1}z + 3v^{-1}z^{-1} - v^{-3}z - v^{-3}z^{-1}$
$HSM(\overline{5_{86}}) = -v^3z^3t_1^2 - v^3zt_1^2 + v^3z^3 + 2v^3z + v^3z^{-1} - vz^3 - 3vz - 3vz^{-1} + v^{-1}z + 2v^{-1}z^{-1}$
$HSM(\overline{5_{88}}) = -v^{-3}z^3t_1^2 - v^{-3}zt_1^2 - v^{-5}z^3t_1^2 - v^{-5}zt_1^2 - v^{-3}z - v^{-3}z^{-1} + v^{-5}z^{-1} + v^{-7}z$
$HSM(\overline{5_{89}}) = -v^{-1}z^3t_1^2 - v^{-1}zt_1^2 + v^{-1}z^3 + v^{-1}z - v^{-3}z^3 - 3v^{-3}z - 2v^{-3}z^{-1} + 2v^{-5}z + 3v^{-5}z^{-1} - v^{-7}z^{-1}$
$HSM(5_{90}) = v^7zt_1^2 + v^5zt_1^2 - v^7z - v^5z - v^5z^{-1} + v^3z + v^3z^{-1} + vz$
$HSM(5_{92}) = -2v^6t_1 + 2v^4z^2t_1 + 3v^4t_1 + v^2z^2t_1$
$HSM(5_{94}) = v^7z^3t_1^2 + 2v^7zt_1^2 - v^7z^3 - 2v^7z - v^5z - v^5z^{-1} + v^3z^3 + 3v^3z + v^3z^{-1}$
$HSM(5_{95}) = v^7z^3t_1^2 + v^7zt_1^2 - v^7z^3 - v^7z + v^7z^{-1} - 2v^5z - 3v^5z^{-1} + v^3z^3 + 3v^3z + 2v^3z^{-1}$

Knots in $L(3,1)$

$HSM(0_1) = t_1$
$HSM(1_1) = t_{-1}$
$HSM(\overline{1_1}) = -v^{-1}zt_{-1}^2 + v^{-2}t_1$
$HSM(2_1) = vzt_{-1}t_1 - v^3z^{-1} + vz^{-1}$
$HSM(\overline{2_1}) = -v^{-1}zt_{-1}t_1 - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(*2_2) = -v^{-3}zt_{-1}t_1 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z + v^{-3}z^{-1}$
$HSM(\overline{2_3}) = v^{-2}z^2t_{-1}^3 - 2v^{-5}zt_{-1}t_1 - 2v^{-3}z - v^{-3}z^{-1} + 2v^{-5}z + v^{-5}z^{-1}$
$HSM(3_1) = v^3zt_{-1}^2 + v^2z^2t_1 + v^2t_1$
$HSM(\overline{3_1}) = v^{-2}z^2t_{-1}^2t_1 - v^{-2}z^2t_{-1} + v^{-2}t_{-1} - v^{-1}zt_1^2$
$HSM(3_2) = v^{-6}z^2t_{-1}^2t_1 + v^{-4}z^4t_{-1} + 4v^{-4}z^2t_{-1} + 2v^{-4}t_{-1} - 2v^{-6}z^2t_{-1} - v^{-6}t_{-1} - v^{-5}zt_1^2$
$HSM(\overline{3_2}) = v^{-2}z^2t_1 + 2v^{-2}t_1 - v^{-4}t_1$
$HSM(3_3) = v^2t_{-1} + vzt_1^2$

$HSM(\overline{3_3}) = -v^{-1}zt_{-1}^2 - v^{-3}zt_{-1}^2 + v^{-4}t_1$
$HSM(3_4) = vzt_{-1}^2 - z^2t_{-1}t_1^2 + v^2t_1 + z^2t_1$
$HSM(\overline{3_4}) = -z^2t_{-1} + v^{-2}t_{-1} - vzt_1^2$
$HSM(3_5) = -v^{-3}zt_{-1}^2 + v^{-2}z^2t_1 + v^{-2}t_1$
$HSM(\overline{3_5}) = v^{-6}z^2t_{-1}^2t_1 + v^{-4}z^4t_{-1} + 4v^{-4}z^2t_{-1} + 3v^{-4}t_{-1} - 2v^{-6}z^2t_{-1} - 2v^{-6}t_{-1}$
$HSM(\overline{3_6}) = -v^{-3}z^3t_{-1}^4 + 3v^{-8}z^2t_{-1}^2t_1 + 3v^{-6}z^4t_{-1} + 9v^{-6}z^2t_{-1} + 3v^{-6}t_{-1} - 6v^{-8}z^2t_{-1} - 2v^{-8}t_{-1} - v^{-7}zt_1^2$
$HSM(\overline{3_7}) = -v^{-3}z^3t_{-1}^2 - 2v^{-3}zt_{-1}^2 + v^{-4}z^2t_1 + v^{-4}t_1$
$HSM(3_8) = v^3zt_{-1}t_1 - v^3z - v^3z^{-1} + vz + vz^{-1}$
$HSM(4_1) = -v^4t_{-1} + v^2z^2t_{-1} + 2v^2t_{-1}$
$HSM(\overline{4_1}) = -v^{-3}z^3t_{-1}^3t_1 + 2v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 + 2v^{-4}z^2t_{-1}t_1^2 + 2v^{-2}z^2t_1 + v^{-2}t_1 - 3v^{-4}z^2t_1$
$HSM(4_2) = -v^{-9}z^3t_{-1}^3t_1 - v^{-7}z^7t_{-1}^2 - 6v^{-7}z^5t_{-1}^2 - 10v^{-7}z^3t_{-1}^2 - 3v^{-7}zt_{-1}^2 + 3v^{-9}z^3t_{-1}^2 + v^{-9}zt_{-1}^2 + 2v^{-10}z^2t_{-1}t_1^2 + v^{-8}z^6t_1 + 5v^{-8}z^4t_1 + 9v^{-8}z^2t_1 + 3v^{-8}t_1 - 4v^{-10}z^2t_1 - 2v^{-10}t_1$
$HSM(4_3) = v^2z^2t_{-1}t_1^2 - v^4t_1 + 2v^2t_1$
$HSM(\overline{4_3}) = v^{-2}z^2t_{-1}^2t_1 + 2v^{-2}t_{-1} - v^{-4}t_{-1}$
$HSM(4_4) = -z^2t_{-1}^2t_1 - v^2z^2t_{-1} - v^2t_{-1} + 2z^2t_{-1} + 2t_{-1} - vz^3t_1^2 - vzt_1^2$
$HSM(\overline{4_4}) = v^{-1}z^3t_{-1}^2 + v^{-2}z^2t_{-1}t_1^2 + z^2t_1 + t_1 - 2v^{-2}z^2t_1$
$HSM(4_5) = v^{-8}z^2t_{-1}^2t_1 + 2v^{-6}z^4t_{-1} + 6v^{-6}z^2t_{-1} + 3v^{-6}t_{-1} - 2v^{-8}z^2t_{-1} - 2v^{-8}t_{-1} - v^{-5}z^5t_1^2 - 3v^{-5}z^3t_1^2 - v^{-5}zt_1^2$
$HSM(\overline{4_5}) = v^{-6}z^4t_{-1} + 2v^{-6}z^2t_{-1} + v^{-6}t_{-1} - v^{-5}z^5t_1^2 - 4v^{-5}z^3t_1^2 - 4v^{-5}zt_1^2 + v^{-7}zt_1^2$
$HSM(4_6) = v^3z^3t_{-1}t_1 + 2v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z + v^3z^{-1}$
$HSM(\overline{4_6}) = -v^{-3}z^3t_{-1}t_1 - 2v^{-3}zt_{-1}t_1 - v^{-3}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(4_7) = v^5zt_{-1}^2 + v^4z^2t_1 + v^2z^2t_1 + v^2t_1$
$HSM(\overline{4_7}) = v^{-4}z^2t_{-1}^2t_1 + v^{-2}z^2t_{-1} + v^{-2}t_{-1} - v^{-4}z^2t_{-1} - v^{-3}zt_1^2$
$HSM(4_8) = -v^{-5}z^3t_{-1}t_1 - 2v^{-5}zt_{-1}t_1 - v^{-3}z^3 - 3v^{-3}z - v^{-3}z^{-1} + v^{-5}z^3 + 3v^{-5}z + v^{-5}z^{-1}$
$HSM(\overline{4_8}) = -v^{-1}z^3t_{-1}t_1 - v^2z^2t_1^3 - vz^3 - vz - vz^{-1} + v^{-1}z^3 + v^{-1}z + v^{-1}z^{-1}$
$HSM(\overline{4_9}) = z^2t_{-1} + t_{-1} + v^3zt_1^2 - vz^3t_1^2 - vzt_1^2$
$HSM(4_{10}) = v^3zt_{-1}t_1 + vzt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{4_{10}}) = -v^{-1}zt_{-1}t_1 - v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(4_{11}) = -v^{-1}zt_{-1}t_1 + v^{-3}zt_{-1}t_1 - z^2t_1^3 - vz - vz^{-1} + 2v^{-1}z + v^{-1}z^{-1} - v^{-3}z$
$HSM(\overline{4_{11}}) = -v^{-3}zt_{-1}t_1 - v^{-5}zt_{-1}t_1 - v^{-1}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(4_{12}) = -z^2t_{-1}^2t_1 - v^2z^2t_{-1} + 2z^2t_{-1} + t_{-1} - vz^3t_1^2$
$HSM(\overline{4_{12}}) = v^{-1}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 + v^{-2}z^2t_{-1}t_1^2 + z^2t_1 + t_1 - 2v^{-2}z^2t_1 - v^{-2}t_1 + v^{-4}t_1$
$HSM(*4_{13}) = -z^2t_{-1}t_1^2 + v^2t_1 - t_1 + v^{-2}t_1$
$HSM(*4_{14}) = v^{-8}z^2t_{-1}^2t_1 + 2v^{-6}z^4t_{-1} + 5v^{-6}z^2t_{-1} + 2v^{-6}t_{-1} - 2v^{-8}z^2t_{-1} - v^{-8}t_{-1} - v^{-5}z^5t_1^2 - 3v^{-5}z^3t_1^2 - 2v^{-5}zt_1^2$
$HSM(4_{15}) = -vz^3t_{-1}t_1 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 + v^3z - vz - vz^{-1} + v^{-1}z^{-1}$
$HSM(\overline{4_{15}}) = -v^2z^2t_{-1}^3 + v^{-1}z^3t_{-1}^2t_1^2 - vzt_{-1}t_1 - 3v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - v^2z^2t_1^3 - 2vz^3 - vz - vz^{-1} + 2v^{-1}z^3 + v^{-1}z + v^{-1}z^{-1}$
$HSM(4_{16}) = v^{-1}zt_{-1}t_1 - v^3z^{-1} + vz + vz^{-1} - v^{-1}z$
$HSM(\overline{4_{16}}) = v^{-2}z^2t_{-1}^3 + v^{-4}z^2t_{-1}^3 - v^{-5}zt_{-1}t_1 - 2v^{-7}zt_{-1}t_1 - v^{-3}z - v^{-5}z - v^{-5}z^{-1} + 2v^{-7}z + v^{-7}z^{-1}$
$HSM(4_{17}) = -2v^{-2}z^2t_{-1}^2t_1 + v^{-1}z^3t_{-1}t_1^3 - 2z^2t_{-1} + 3v^{-2}z^2t_{-1} + v^{-2}t_{-1} - vzt_1^2 - 2v^{-1}z^3t_1^2$
$HSM(\overline{4_{17}}) = v^2t_{-1} - z^2t_{-1} - t_{-1} + v^{-2}t_{-1}$
$HSM(4_{18}) = 2v^{-4}z^2t_{-1} + 2v^{-4}t_{-1} - v^{-6}t_{-1} - v^{-3}z^3t_1^2 - v^{-3}zt_1^2$
$HSM(\overline{4_{18}}) = -v^{-9}z^3t_{-1}^3t_1 - v^{-7}z^7t_{-1}^2 - 6v^{-7}z^5t_{-1}^2 - 11v^{-7}z^3t_{-1}^2 - 5v^{-7}zt_{-1}^2 + 3v^{-9}z^3t_{-1}^2 + 2v^{-9}zt_{-1}^2 + v^{-10}z^2t_{-1}t_1^2 + v^{-8}z^6t_1 + 4v^{-8}z^4t_1 + 6v^{-8}z^2t_1 + 2v^{-8}t_1 - 2v^{-10}z^2t_1 - v^{-10}t_1$
$HSM(4_{19}) = v^{-1}z^3t_{-1}t_1 - v^{-1}zt_{-1}t_1 + v^2z^2t_1^3 + vz^3 + vz - v^{-1}z^3 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(\overline{4_{19}}) = -vz^3t_{-1}t_1 + vzt_{-1}t_1 - v^4z^2t_1^3 - v^3z^3 - v^3z - v^3z^{-1} + vz^3 + vz + vz^{-1}$
$HSM(\overline{4_{20}}) = z^2t_{-1}^3 - v^{-3}z^3t_{-1}^2t_1^2 + 3v^{-3}z^3t_{-1}t_1 - 2v^{-3}zt_{-1}t_1 + z^2t_1^3 + 2v^{-1}z^3 + v^{-1}z - 2v^{-3}z^3 - v^{-3}z - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(*4_{21}) = v^{-6}z^4t_{-1} + 3v^{-6}z^2t_{-1} + 2v^{-6}t_{-1} - v^{-8}t_{-1} - v^{-5}z^5t_1^2 - 4v^{-5}z^3t_1^2 - 3v^{-5}zt_1^2 + v^{-7}zt_1^2$

$HSM(\overline{4_{22}}) = v^{-4}z^4t_{-1}^3 + 2v^{-4}z^2t_{-1}^3 - 2v^{-7}z^3t_{-1}t_1 - 3v^{-7}zt_{-1}t_1 - 2v^{-5}z^3 - 4v^{-5}z - v^{-5}z^{-1} + 2v^{-7}z^3 + 4v^{-7}z + v^{-7}z^{-1}$

$HSM(\overline{4_{23}}) = v^3zt_{-1}^2 - v^2z^2t_{-1}t_1^2 + 2v^2z^2t_1 + v^2t_1$

$HSM(\overline{4_{24}}) = v^{-4}z^4t_{-1}^5 - 4v^{-11}z^3t_{-1}^3t_1 - 4v^{-9}z^7t_{-1}^2 - 18v^{-9}z^5t_{-1}^2 - 25v^{-9}z^3t_{-1}^2 - 6v^{-9}zt_{-1}^2 + 12v^{-11}z^3t_{-1}^2 + 3v^{-11}zt_{-1}^2 + 3v^{-12}z^2t_{-1}t_1^2 + 4v^{-10}z^6t_1 + 9v^{-10}z^4t_1 + 12v^{-10}z^2t_1 + 3v^{-10}t_1 - 6v^{-12}z^2t_1 - 2v^{-12}t_1$

$HSM(\overline{4_{25}}) = -vzt_{-1}t_1 + vz - v^{-1}z - v^{-1}z^{-1} + v^{-3}z^{-1}$

$HSM(\overline{4_{26}}) = t_{-1} - v^{-2}z^2t_{-1} - vzt_1^2 + v^{-1}z^3t_1^2 + v^{-1}zt_1^2$

$HSM(*4_{27}) = v^{-3}z^3t_{-1}t_1 - v^{-3}zt_{-1}t_1 + z^2t_1^3 + v^{-1}z^3 - v^{-1}z^{-1} - v^{-3}z^3 + v^{-3}z^{-1}$

$HSM(5_1) = v^5z^3t_{-1}^2 + v^5zt_{-1}^2 + v^4z^2t_{-1}t_1^2 - v^6t_1 + v^4z^4t_1 + 2v^4z^2t_1 + 2v^4t_1$

$HSM(\overline{5_1}) = v^{-4}z^4t_{-1}^2t_1 + 2v^{-4}z^2t_{-1}^2t_1 - v^{-4}z^4t_{-1} + 2v^{-4}t_{-1} - v^{-6}t_{-1} - v^{-3}z^3t_1^2 - v^{-3}zt_1^2$

$HSM(5_2) = -v^2z^2t_{-1}^2t_1 - v^4z^2t_{-1} - v^4t_{-1} + 3v^2z^2t_{-1} + 2v^2t_{-1} - v^3z^3t_1^2$

$HSM(5_3) = -v^{-2}z^2t_{-1}^2t_1 + t_{-1} + v^{-2}z^2t_{-1}$

$HSM(\overline{5_3}) = -v^2z^2t_{-1}t_1^2 + v^2z^2t_1 + t_1$

$HSM(5_4) = v^{-8}z^4t_{-1}^2t_1 + 2v^{-8}z^2t_{-1}^2t_1 + v^{-6}z^6t_{-1} + 6v^{-6}z^4t_{-1} + 9v^{-6}z^2t_{-1} + 3v^{-6}t_{-1} - 2v^{-8}z^4t_{-1} - 5v^{-8}z^2t_{-1} - 2v^{-8}t_{-1} - v^{-7}z^3t_1^2 - v^{-7}zt_1^2$

$HSM(\overline{5_5}) = v^{-4}z^4t_{-1}^4t_1 - 3v^{-4}z^4t_{-1}^3 + v^{-4}z^2t_{-1}^3 - 3v^{-7}z^3t_{-1}^2t_1^2 - 3v^{-5}z^5t_{-1}t_1 - 9v^{-5}z^3t_{-1}t_1 - 3v^{-5}zt_{-1}t_1 + 10v^{-7}z^3t_{-1}t_1 + v^{-4}z^2t_1^3 + 4v^{-5}z^3 - v^{-5}z - v^{-5}z^{-1} - 4v^{-7}z^3 + v^{-7}z + v^{-7}z^{-1}$

$HSM(5_6) = v^{-12}z^4t_{-1}^4t_1 + v^{-10}z^{10}t_{-1}^3 + 8v^{-10}z^8t_{-1}^3 + 21v^{-10}z^6t_{-1}^3 + 20v^{-10}z^4t_{-1}^3 + 4v^{-10}z^2t_{-1}^3 - 4v^{-12}z^4t_{-1}^3 - v^{-12}z^2t_{-1}^3 - 3v^{-15}z^3t_{-1}^2t_1^2 - 2v^{-13}z^9t_{-1}t_1 - 15v^{-13}z^7t_{-1}t_1 - 39v^{-13}z^5t_{-1}t_1 - 40v^{-13}z^3t_{-1}t_1 - 9v^{-13}zt_{-1}t_1 + 12v^{-15}z^3t_{-1}t_1 + 4v^{-15}zt_{-1}t_1 + v^{-12}z^2t_1^3 - 2v^{-11}z^9 - 16v^{-11}z^7 - 43v^{-11}z^5 - 46v^{-11}z^3 - 17v^{-11}z - 2v^{-11}z^{-1} + 2v^{-13}z^9 + 16v^{-13}z^7 + 43v^{-13}z^5 + 52v^{-13}z^3 + 21v^{-13}z + 3v^{-13}z^{-1} - 6v^{-15}z^3 - 4v^{-15}z - v^{-15}z^{-1}$

$HSM(5_7) = v^6z^2t_{-1}^3 + 2v^3z^3t_{-1}t_1 + 2v^3zt_{-1}t_1 + v^5z^3 - v^5z^{-1} - v^3z^3 + v^3z^{-1}$

$HSM(\overline{5_7}) = -v^{-3}z^3t_{-1}^2t_1^2 + 2v^{-3}z^3t_{-1}t_1 - 2v^{-3}zt_{-1}t_1 + z^2t_1^3 + v^{-1}z^3 - v^{-3}z^3 - v^{-3}z^{-1} + v^{-5}z^{-1}$

$HSM(5_8) = vz^3t_{-1}t_1 + 2vzt_{-1}t_1 - v^{-1}z^3t_{-1}t_1 - 2v^{-1}zt_{-1}t_1 - vz^3 - 2vz - vz^{-1} + v^{-1}z^3 + 2v^{-1}z + v^{-1}z^{-1}$

$HSM(\overline{5_8}) = -v^{-2}z^4t_{-1}^3 - v^{-5}z^3t_{-1}^2t_1^2 - v^{-3}z^5t_{-1}t_1 - 4v^{-3}z^3t_{-1}t_1 - 2v^{-3}zt_{-1}t_1 + 5v^{-5}z^3t_{-1}t_1 + v^{-2}z^2t_1^3 + 3v^{-3}z^3 - v^{-3}z^{-1} - 3v^{-5}z^3 + v^{-5}z^{-1}$

$HSM(5_9) = v^{-8}z^8t_{-1}^3 + 5v^{-8}z^6t_{-1}^3 + 6v^{-8}z^4t_{-1}^3 + v^{-8}z^2t_{-1}^3 - v^{-13}z^3t_{-1}^2t_1^2 - 3v^{-11}z^7t_{-1}t_1 - 16v^{-11}z^5t_{-1}t_1 - 22v^{-11}z^3t_{-1}t_1 - 6v^{-11}zt_{-1}t_1 + 4v^{-13}z^3t_{-1}t_1 + 2v^{-13}zt_{-1}t_1 + v^{-10}z^2t_1^3 - 3v^{-9}z^7 - 17v^{-9}z^5 - 27v^{-9}z^3 - 13v^{-9}z - 2v^{-9}z^{-1} + 3v^{-11}z^7 + 17v^{-11}z^5 + 29v^{-11}z^3 + 15v^{-11}z + 3v^{-11}z^{-1} - 2v^{-13}z^3 - 2v^{-13}z - v^{-13}z^{-1}$

$HSM(\overline{5_9}) = -2v^{-9}z^5t_{-1}t_1 - 6v^{-9}z^3t_{-1}t_1 - 4v^{-9}zt_{-1}t_1 + v^{-6}z^6t_1^3 + 4v^{-6}z^4t_1^3 + 4v^{-6}z^2t_1^3 - 2v^{-7}z^5 - 7v^{-7}z^3 - 6v^{-7}z - v^{-7}z^{-1} + 2v^{-9}z^5 + 7v^{-9}z^3 + 6v^{-9}z + v^{-9}z^{-1}$

$HSM(5_{10}) = v^5zt_{-1}^2 + v^2z^2t_{-1}t_1^2 + v^4z^2t_1 + v^2t_1$

$HSM(\overline{5_{10}}) = v^{-2}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-2}t_{-1} - v^{-4}z^2t_{-1} - v^{-3}zt_1^2$

$HSM(5_{11}) = z^2t_{-1}^2t_1 - vz^3t_{-1}t_1^3 + v^2z^2t_{-1} - z^2t_{-1} + t_{-1} + v^3zt_1^2 + vz^3t_1^2 - vzt_1^2$

$HSM(\overline{5_{11}}) = v^{-1}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 + v^{-2}z^2t_{-1}t_1^2 + z^2t_1 - v^{-2}z^2t_1 + v^{-2}t_1$

$HSM(5_{12}) = -v^2z^2t_{-1}^3 + vz^3t_{-1}t_1 + vzt_{-1}t_1 - 2v^{-1}z^3t_{-1}t_1 - v^{-1}zt_{-1}t_1 - 2vz^3 - 2vz - vz^{-1} + 2v^{-1}z^3 + 2v^{-1}z + v^{-1}z^{-1}$

$HSM(\overline{5_{12}}) = -v^{-2}z^4t_{-1}^3 - v^{-5}z^3t_{-1}^2t_1^2 - v^{-3}z^5t_{-1}t_1 - 4v^{-3}z^3t_{-1}t_1 - 3v^{-3}zt_{-1}t_1 + 4v^{-5}z^3t_{-1}t_1 + v^{-5}zt_{-1}t_1 + 2v^{-3}z^3 - v^{-3}z^{-1} - 2v^{-5}z^3 + v^{-5}z^{-1}$

$HSM(5_{13}) = -v^4z^2t_{-1}^3 - 2vz^3t_{-1}t_1 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 - v^3z^3 + vz^3 - vz^{-1} + v^{-1}z^{-1}$

$HSM(\overline{5_{13}}) = v^{-1}z^3t_{-1}^2t_1^2 - vzt_{-1}t_1 - 2v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - v^2z^2t_1^3 - vz^3 - vz^{-1} + v^{-1}z^3 + v^{-1}z^{-1}$

$HSM(5_{14}) = -z^2t_{-1}^3 + v^{-3}z^3t_{-1}^2t_1^2 + v^{-1}z^5t_{-1}t_1 + 4v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - 5v^{-3}z^3t_{-1}t_1 - v^{-3}zt_{-1}t_1 + z^4t_1^3 - vz - vz^{-1} - 3v^{-1}z^3 + v^{-1}z^{-1} + 3v^{-3}z^3 + v^{-3}z$

$HSM(\overline{5_{14}}) = -v^{-1}z^3t_{-1}t_1 - 2v^{-1}zt_{-1}t_1 + v^{-3}z^3t_{-1}t_1 + v^{-3}zt_{-1}t_1 - v^{-5}zt_{-1}t_1 + v^{-1}z^3 + v^{-1}z - v^{-3}z^3 - 2v^{-3}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$

$HSM(5_{15}) = v^{-8}z^8t_{-1}^3 + 5v^{-8}z^6t_{-1}^3 + 7v^{-8}z^4t_{-1}^3 + 2v^{-8}z^2t_{-1}^3 - v^{-13}z^3t_{-1}^2t_1^2 - 3v^{-11}z^7t_{-1}t_1 - 15v^{-11}z^5t_{-1}t_1 - 21v^{-11}z^3t_{-1}t_1 - 7v^{-11}zt_{-1}t_1 + 4v^{-13}z^3t_{-1}t_1 + 3v^{-13}zt_{-1}t_1 - 3v^{-9}z^7 - 16v^{-9}z^5 - 25v^{-9}z^3 - 13v^{-9}z - 2v^{-9}z^{-1} + 3v^{-11}z^7 + 16v^{-11}z^5 + 27v^{-11}z^3 + 16v^{-11}z + 3v^{-11}z^{-1} - 2v^{-13}z^3 - 3v^{-13}z - v^{-13}z^{-1}$

$HSM(\overline{5_{15}}) = -3v^{-9}z^5t_{-1}t_1 - 8v^{-9}z^3t_{-1}t_1 - 5v^{-9}zt_{-1}t_1 + v^{-11}zt_{-1}t_1 + v^{-6}z^6t_1^3 + 3v^{-6}z^4t_1^3 + 2v^{-6}z^2t_1^3 -$

$3v^{-7}z^5 - 10v^{-7}z^3 - 8v^{-7}z - v^{-7}z^{-1} + 3v^{-9}z^5 + 10v^{-9}z^3 + 9v^{-9}z + v^{-9}z^{-1} - v^{-11}z$

$HSM(5_{16}) = z^4t_{-1}^2t_1 + z^2t_{-1}^2t_1 + v^2t_{-1} - z^4t_{-1} - 2z^2t_{-1} - t_{-1} + v^{-2}t_{-1}$

$HSM(\overline{5_{16}}) = vz^3t_{-1}^3t_1 + v^3z^3t_{-1}^2 + v^3zt_{-1}^2 - 3vz^3t_{-1}^2 - vzt_{-1}^2 + z^4t_{-1}t_1^2 - z^2t_{-1}t_1^2 + v^2z^4t_1 - z^4t_1 + 2z^2t_1 + t_1$

$HSM(5_{17}) = v^{-6}z^2t_{-1}^2t_1 + v^{-8}z^2t_{-1}^2t_1 + v^{-4}z^4t_{-1} + 3v^{-4}z^2t_{-1} + v^{-4}t_{-1} + v^{-6}z^4t_{-1} + 2v^{-6}z^2t_{-1} + v^{-6}t_{-1} - 2v^{-8}z^2t_{-1} - v^{-8}t_{-1} - v^{-7}zt_1^2$

$HSM(\overline{5_{17}}) = -v^{-4}z^2t_{-1}t_1^2 + z^2t_1 + 2t_1 - v^{-2}z^4t_1 - 3v^{-2}z^2t_1 - 2v^{-2}t_1 + 2v^{-4}z^2t_1 + v^{-4}t_1$

$HSM(5_{18}) = v^2z^2t_{-1}^2t_1 + v^4z^2t_{-1} - v^2z^2t_{-1} + v^2t_{-1} + v^3z^3t_1^2 + v^3zt_1^2$

$HSM(\overline{5_{18}}) = -v^{-3}z^3t_{-1}^3t_1 + v^{-3}z^3t_{-1}^2 - 2v^{-3}zt_{-1}^2 + v^{-4}z^2t_{-1}t_1^2 + v^{-2}z^2t_1 - v^{-4}z^2t_1 + v^{-4}t_1$

$HSM(5_{19}) = -z^2t_{-1}^3 + v^{-3}z^3t_{-1}^2t_1^2 + v^{-1}z^5t_{-1}t_1 + 4v^{-1}z^3t_{-1}t_1 + 2v^{-1}zt_{-1}t_1 - 5v^{-3}z^3t_{-1}t_1 - 3v^{-3}zt_{-1}t_1 + z^4t_1^3 + z^2t_1^3 - 3v^{-1}z^3 - 3v^{-1}z - v^{-1}z^{-1} + 3v^{-3}z^3 + 3v^{-3}z + v^{-3}z^{-1}$

$HSM(\overline{5_{19}}) = -v^{-1}z^3t_{-1}t_1 - 2v^{-1}zt_{-1}t_1 + v^{-3}z^3t_{-1}t_1 + v^{-3}zt_{-1}t_1 + v^{-1}z^3 + v^{-1}z - v^{-1}z^{-1} - v^{-3}z^3 - v^{-3}z + v^{-3}z^{-1}$

$HSM(5_{20}) = -3v^{-9}z^5t_{-1}t_1 - 9v^{-9}z^3t_{-1}t_1 - 4v^{-9}zt_{-1}t_1 + v^{-11}zt_{-1}t_1 + v^{-6}z^6t_1^3 + 3v^{-6}z^4t_1^3 + v^{-6}z^2t_1^3 - 3v^{-7}z^5 - 11v^{-7}z^3 - 9v^{-7}z - 2v^{-7}z^{-1} + 3v^{-9}z^5 + 11v^{-9}z^3 + 10v^{-9}z + 3v^{-9}z^{-1} - v^{-11}z - v^{-11}z^{-1}$

$HSM(\overline{5_{20}}) = v^{-8}z^8t_{-1}^3 + 6v^{-8}z^6t_{-1}^3 + 11v^{-8}z^4t_{-1}^3 + 6v^{-8}z^2t_{-1}^3 - v^{-10}z^2t_{-1}^3 - 2v^{-11}z^7t_{-1}t_1 - 10v^{-11}z^5t_{-1}t_1 - 14v^{-11}z^3t_{-1}t_1 - 6v^{-11}zt_{-1}t_1 + v^{-13}zt_{-1}t_1 - 2v^{-9}z^7 - 11v^{-9}z^5 - 18v^{-9}z^3 - 10v^{-9}z - v^{-9}z^{-1} + 2v^{-11}z^7 + 11v^{-11}z^5 + 18v^{-11}z^3 + 11v^{-11}z + v^{-11}z^{-1} - v^{-13}z$

$HSM(5_{21}) = -v^{-2}z^4t_{-1}^2t_1 + v^{-2}z^2t_{-1}^2t_1 - v^{-1}z^3t_{-1}t_1^3 - z^4t_{-1} + t_{-1} + v^{-2}z^4t_{-1} - 3v^{-2}z^2t_{-1} - v^{-2}t_{-1} + v^{-4}t_{-1} - vz^3t_1^2 - vzt_1^2 + 3v^{-1}z^3t_1^2$

$HSM(\overline{5_{21}}) = v^3zt_{-1}^2 - v^2z^4t_{-1}t_1^2 - 2v^2z^2t_{-1}t_1^2 + v^2z^4t_1 + 3v^2z^2t_1 + v^2t_1$

$HSM(5_{22}) = v^2t_{-1} - z^2t_{-1} + v^{-1}zt_1^2$

$HSM(\overline{5_{22}}) = v^{-1}z^3t_{-1}^3t_1 - vzt_{-1}^2 - 2v^{-1}z^3t_{-1}^2 - v^{-1}zt_{-1}^2 - 2v^{-2}z^2t_{-1}t_1^2 - 2z^2t_1 - t_1 + 3v^{-2}z^2t_1 + 2v^{-2}t_1$

$HSM(5_{23}) = -v^{-2}z^2t_{-1}^2t_1 + 2t_{-1} + v^{-2}z^2t_{-1} - v^{-2}t_{-1} + v^{-1}zt_1^2$

$HSM(\overline{5_{23}}) = -v^3zt_{-1}^2 - v^2z^2t_1 - v^2t_1 + 2t_1$

$HSM(\overline{5_{24}}) = -v^{-3}z^3t_{-1}^4 + 3v^{-8}z^2t_{-1}^2t_1 + 3v^{-6}z^4t_{-1} + 9v^{-6}z^2t_{-1} + 4v^{-6}t_{-1} - 6v^{-8}z^2t_{-1} - 3v^{-8}t_{-1}$

$HSM(5_{25}) = -v^6t_{-1} + 2v^4z^2t_{-1} + 2v^4t_{-1} + v^3z^3t_1^2 + v^3zt_1^2$

$HSM(\overline{5_{25}}) = -v^{-5}z^3t_{-1}^3t_1 - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 + v^{-5}z^3t_{-1}^2 - v^{-5}zt_{-1}^2 + 2v^{-6}z^2t_{-1}t_1^2 + 2v^{-4}z^2t_1 + v^{-4}t_1 - 2v^{-6}z^2t_1$

$HSM(5_{26}) = v^3z^3t_{-1}^2 + v^3zt_{-1}^2 - v^2z^4t_{-1}t_1^2 - v^2z^2t_{-1}t_1^2 + v^4z^2t_1 + v^2z^4t_1 + v^2z^2t_1 + v^2t_1$

$HSM(\overline{5_{26}}) = -v^{-2}z^4t_{-1} - v^{-2}z^2t_{-1} + v^{-2}t_{-1} + v^{-4}z^2t_{-1} - v^{-1}z^3t_1^2 - v^{-1}zt_1^2$

$HSM(5_{27}) = v^3z^3t_{-1}^2 + v^3zt_{-1}^2 - v^2z^4t_{-1}t_1^2 - v^2z^2t_{-1}t_1^2 + v^4z^2t_1 + v^2z^4t_1 + v^2z^2t_1 + v^2t_1$

$HSM(\overline{5_{27}}) = -v^{-2}z^4t_{-1} - v^{-2}z^2t_{-1} + v^{-2}t_{-1} + v^{-4}z^2t_{-1} - v^{-1}z^3t_1^2 - v^{-1}zt_1^2$

$HSM(5_{28}) = v^{-4}z^4t_{-1} + 3v^{-4}z^2t_{-1} + 2v^{-4}t_{-1} - v^{-6}t_{-1} - v^{-5}z^3t_1^2 - v^{-5}zt_1^2$

$HSM(\overline{5_{28}}) = v^{-4}z^4t_{-1}t_1^2 - v^{-4}z^2t_{-1}t_1^2 + vz^3t_1^4 + v^{-2}z^6t_1 + 3v^{-2}z^4t_1 + 2v^{-2}z^2t_1 + 2v^{-2}t_1 - 2v^{-4}z^4t_1 - v^{-4}t_1$

$HSM(\overline{5_{29}}) = -vzt_{-1}t_1 + v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z + v^{-1}z^{-1} - v^{-3}z$

$HSM(5_{30}) = -v^3zt_{-1}^2 - v^2z^2t_1 - z^2t_1 + v^{-2}t_1$

$HSM(\overline{5_{30}}) = -v^{-2}z^2t_{-1}^2t_1 + v^2t_{-1} - z^2t_{-1} + v^{-2}z^2t_{-1} + v^{-1}zt_1^2$

$HSM(5_{31}) = -vz^3t_{-1}^2 + z^4t_{-1}t_1^2 + z^2t_{-1}t_1^2 - v^2z^2t_1 - z^4t_1 + t_1$

$HSM(\overline{5_{31}}) = z^2t_{-1}^2t_1 + z^4t_{-1} + t_{-1} - v^{-2}z^2t_{-1} + vz^3t_1^2$

$HSM(5_{32}) = -v^{-1}zt_{-1}t_1 + v^{-3}z^3t_{-1}t_1 + v^{-3}zt_{-1}t_1 - vz - vz^{-1} + v^{-1}z^3 + 3v^{-1}z + v^{-1}z^{-1} - v^{-3}z^3 - 2v^{-3}z$

$HSM(\overline{5_{32}}) = z^2t_{-1}^3 + v^{-3}z^3t_{-1}t_1 - v^{-3}zt_{-1}t_1 - v^{-5}zt_{-1}t_1 + v^{-1}z^3 - v^{-3}z^3 - v^{-3}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$

$HSM(\overline{5_{33}}) = -vzt_{-1}^2 + v^{-1}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-2}z^2t_1 + v^{-4}t_1$

$HSM(5_{34}) = v^{-3}z^3t_{-1}^2 + v^{-4}z^2t_{-1}t_1^2 + 2v^{-2}z^2t_1 + 2v^{-2}t_1 - 2v^{-4}z^2t_1 - v^{-4}t_1$

$HSM(\overline{5_{34}}) = -v^{-1}z^3t_{-1}^4 - v^{-6}z^4t_{-1}^2t_1 + 2v^{-6}z^2t_{-1}^2t_1 - v^{-4}z^6t_{-1} - 2v^{-4}z^4t_{-1} + 3v^{-4}z^2t_{-1} + 2v^{-4}t_{-1} + 2v^{-6}z^4t_{-1} - 2v^{-6}z^2t_{-1} - v^{-6}t_{-1} - v^{-5}zt_1^2$

$HSM(5_{35}) = v^5z^3t_{-1}t_1 + v^5zt_{-1}t_1 + v^3z^3t_{-1}t_1 + v^3zt_{-1}t_1 - v^7z - v^5z^{-1} + v^3z + v^3z^{-1}$

$HSM(\overline{5_{35}}) = v^{-2}z^2t_{-1}^3 - v^{-5}z^3t_{-1}^2t_1^2 - v^{-3}z^3t_{-1}t_1 - v^{-3}zt_{-1}t_1 + 3v^{-5}z^3t_{-1}t_1 - v^{-5}zt_{-1}t_1 + v^{-2}z^2t_1^3 + 2v^{-3}z^3 - v^{-3}z^{-1} - 2v^{-5}z^3 + v^{-5}z^{-1}$

$HSM(5_{36}) = vzt_{-1}t_1 - v^{-1}z^3t_{-1}t_1 - v^{-1}zt_{-1}t_1 + v^3z - vz^3 - 3vz - vz^{-1} + v^{-1}z^3 + 2v^{-1}z + v^{-1}z^{-1}$

$HSM(\overline{5_{36}}) = v^{-4}z^2t_{-1}^3 - v^{-5}z^3t_{-1}t_1 - v^{-5}zt_{-1}t_1 - v^{-7}zt_{-1}t_1 - v^{-3}z^3 - 2v^{-3}z - v^{-3}z^{-1} + v^{-5}z^3 +$

$v^{-5}z+v^{-5}z^{-1}+v^{-7}z$

$HSM(5_{37})=v^{-1}z^3t_{-1}t_1+v^{-1}zt_{-1}t_1-v^{-3}zt_{-1}t_1-vz-vz^{-1}+v^{-1}z+v^{-1}z^{-1}$

$HSM(\overline{5_{37}})=v^3zt_{-1}t_1-vz^3t_{-1}t_1-vzt_{-1}t_1-vz-vz^{-1}+v^{-1}z+v^{-1}z^{-1}$

$HSM(5_{38})=-v^3z^3t_{-1}t_1+v^3zt_{-1}t_1-v^6z^2t_1^3-v^5z^3-v^5z+v^3z^3-v^3z^{-1}+vz+vz^{-1}$

$HSM(5_{39})=-v^{-5}zt_{-1}t_1-v^{-1}z-v^{-1}z^{-1}+v^{-3}z^{-1}+v^{-5}z$

$HSM(\overline{5_{39}})=v^{-1}zt_{-1}t_1-2v^{-3}z^3t_{-1}t_1-2v^{-3}zt_{-1}t_1-v^2z^2t_1^3+z^4t_1^3+z^2t_1^3+vz-2v^{-1}z^3-4v^{-1}z-v^{-1}z^{-1}+2v^{-3}z^3+3v^{-3}z+v^{-3}z^{-1}$

$HSM(5_{40})=v^5z^3t_{-1}^2+2v^5zt_{-1}^2+v^4z^4t_1+3v^4z^2t_1+v^4t_1$

$HSM(\overline{5_{40}})=v^{-4}z^4t_{-1}^2t_1+2v^{-4}z^2t_{-1}^2t_1-v^{-4}z^4t_{-1}-v^{-4}z^2t_{-1}+v^{-4}t_{-1}-v^{-3}z^3t_1^2-2v^{-3}zt_1^2$

$HSM(5_{41})=v^{-8}z^4t_{-1}^2t_1+2v^{-8}z^2t_{-1}^2t_1+v^{-6}z^6t_{-1}+6v^{-6}z^4t_{-1}+9v^{-6}z^2t_{-1}+2v^{-6}t_{-1}-2v^{-8}z^4t_{-1}-5v^{-8}z^2t_{-1}-v^{-8}t_{-1}-v^{-7}z^3t_1^2-2v^{-7}zt_1^2$

$HSM(5_{42})=v^5zt_{-1}^2+v^3zt_{-1}^2+v^4z^2t_1+v^4t_1+v^2z^2t_1$

$HSM(\overline{5_{42}})=v^{-2}z^2t_{-1}^2t_1+v^{-4}z^2t_{-1}^2t_1-v^{-2}z^2t_{-1}-v^{-4}z^2t_{-1}+v^{-4}t_{-1}-v^{-1}zt_1^2-v^{-3}zt_1^2$

$HSM(5_{43})=-v^{-3}zt_{-1}^2+v^{-4}z^2t_{-1}t_1^2-2v^{-6}z^2t_{-1}t_1^2+v^{-1}z^3t_1^4+v^{-2}z^4t_1+4v^{-2}z^2t_1+2v^{-2}t_1-2v^{-4}z^4t_1-7v^{-4}z^2t_1-2v^{-4}t_1+4v^{-6}z^2t_1+v^{-6}t_1$

$HSM(\overline{5_{43}})=v^{-2}z^2t_{-1}+v^{-2}t_{-1}+v^{-4}z^2t_{-1}+v^{-4}t_{-1}-v^{-6}t_{-1}$

$HSM(5_{44})=vz^3t_{-1}t_1+2vzt_{-1}t_1-v^{-1}z^3t_{-1}t_1-v^{-1}zt_{-1}t_1-v^3z^{-1}-vz^3-vz+vz^{-1}+v^{-1}z^3+v^{-1}z$

$HSM(\overline{5_{44}})=-v^{-2}z^4t_{-1}^3+v^{-4}z^2t_{-1}^3-v^{-5}z^3t_{-1}^2t_1^2-v^{-3}z^5t_{-1}t_1-4v^{-3}z^3t_{-1}t_1-2v^{-3}zt_{-1}t_1+5v^{-5}z^3t_{-1}t_1+v^{-5}zt_{-1}t_1-2v^{-7}zt_{-1}t_1+v^{-2}z^2t_1^3+3v^{-3}z^3+v^{-3}z-3v^{-5}z^3-3v^{-5}z-v^{-5}z^{-1}+2v^{-7}z+v^{-7}z^{-1}$

$HSM(5_{45})=v^{-1}z^3t_{-1}^3t_1-vzt_{-1}^2-v^{-1}z^3t_{-1}^2+v^{-1}zt_{-1}^2-v^{-2}z^2t_{-1}t_1^2-z^2t_1+t_1+v^{-2}z^2t_1$

$HSM(\overline{5_{45}})=-z^2t_{-1}^2t_1-v^2z^2t_{-1}+z^2t_{-1}+v^{-2}t_{-1}-vz^3t_1^2-vzt_1^2$

$HSM(5_{46})=-v^2z^4t_{-1}t_1^2-v^2z^2t_{-1}t_1^2-v^4t_1+v^2z^4t_1+2v^2z^2t_1+2v^2t_1$

$HSM(\overline{5_{46}})=-v^{-2}z^4t_{-1}^2t_1+v^{-2}z^2t_{-1}^2t_1-v^{-1}z^3t_{-1}t_1^3-z^4t_{-1}+t_{-1}+v^{-2}z^4t_{-1}-2v^{-2}z^2t_{-1}-vz^3t_1^2-vzt_1^2+3v^{-1}z^3t_1^2+v^{-1}zt_1^2$

$HSM(5_{47})=v^{-8}z^8t_{-1}^3+5v^{-8}z^6t_{-1}^3+7v^{-8}z^4t_{-1}^3+3v^{-8}z^2t_{-1}^3-v^{-13}z^3t_{-1}^2t_1^2-3v^{-11}z^7t_{-1}t_1-15v^{-11}z^5t_{-1}t_1-20v^{-11}z^3t_{-1}t_1-6v^{-11}zt_{-1}t_1+4v^{-13}z^3t_{-1}t_1+v^{-13}zt_{-1}t_1+v^{-10}z^2t_1^3-3v^{-9}z^7-16v^{-9}z^5-24v^{-9}z^3-11v^{-9}z-v^{-9}z^{-1}+3v^{-11}z^7+16v^{-11}z^5+26v^{-11}z^3+12v^{-11}z+v^{-11}z^{-1}-2v^{-13}z^3-v^{-13}z$

$HSM(\overline{5_{47}})=-3v^{-9}z^5t_{-1}t_1-8v^{-9}z^3t_{-1}t_1-4v^{-9}zt_{-1}t_1+v^{-11}zt_{-1}t_1+v^{-6}z^6t_1^3+3v^{-6}z^4t_1^3+2v^{-6}z^2t_1^3-3v^{-7}z^5-10v^{-7}z^3-8v^{-7}z-2v^{-7}z^{-1}+3v^{-9}z^5+10v^{-9}z^3+9v^{-9}z+3v^{-9}z^{-1}-v^{-11}z-v^{-11}z^{-1}$

$HSM(5_{48})=-v^3z^3t_{-1}^2+vzt_{-1}^2+v^4t_1-v^2z^4t_1-2v^2z^2t_1-v^2t_1+z^2t_1+t_1$

$HSM(\overline{5_{48}})=v^3z^3t_{-1}^4-v^{-2}z^4t_{-1}^3t_1^2+z^2t_{-1}^2t_1+5v^{-2}z^4t_{-1}^2t_1-2v^{-2}z^2t_{-1}^2t_1+2v^{-1}z^3t_{-1}t_1^3+z^6t_{-1}+5z^4t_{-1}-z^2t_{-1}-5v^{-2}z^4t_{-1}+2v^{-2}z^2t_{-1}+v^{-2}t_{-1}+2vz^3t_1^2-5v^{-1}z^3t_1^2-v^{-1}zt_1^2$

$HSM(5_{49})=v^{-6}z^2t_{-1}^2t_1+v^{-8}z^2t_{-1}^2t_1+v^{-4}z^4t_{-1}+3v^{-4}z^2t_{-1}+v^{-6}z^4t_{-1}+2v^{-6}z^2t_{-1}+2v^{-6}t_{-1}-2v^{-8}z^2t_{-1}-v^{-8}t_{-1}-v^{-5}zt_1^2-v^{-7}zt_1^2$

$HSM(\overline{5_{49}})=v^{-3}zt_{-1}^2-v^{-4}z^2t_{-1}t_1^2+z^2t_1+2t_1-v^{-2}z^4t_1-3v^{-2}z^2t_1-v^{-2}t_1+2v^{-4}z^2t_1$

$HSM(5_{50})=v^4z^2t_{-1}+v^4t_{-1}+v^3z^3t_1^2+2v^3zt_1^2$

$HSM(\overline{5_{50}})=-v^{-3}z^3t_{-1}^2-2v^{-3}zt_{-1}^2-v^{-5}z^3t_{-1}^2-v^{-5}zt_{-1}^2+v^{-6}z^2t_1+v^{-6}t_1$

$HSM(5_{51})=v^4z^2t_{-1}t_1^2-v^6t_1+v^4t_1+v^2z^2t_1+v^2t_1$

$HSM(\overline{5_{51}})=v^{-4}z^2t_{-1}^2t_1+v^{-2}z^2t_{-1}+v^{-2}t_{-1}+v^{-4}t_{-1}-v^{-6}t_{-1}$

$HSM(5_{52})=-v^{-2}z^4t_{-1}^2t_1-2v^{-2}z^2t_{-1}^2t_1+z^2t_{-1}+2t_{-1}+v^{-2}z^4t_{-1}+v^{-2}z^2t_{-1}-v^{-2}t_{-1}+v^{-1}z^3t_1^2+v^{-1}zt_1^2$

$HSM(\overline{5_{52}})=-v^3z^3t_{-1}^2-v^3zt_{-1}^2-v^2z^2t_{-1}t_1^2-v^2z^4t_1-v^2z^2t_1-v^2t_1+z^2t_1+2t_1$

$HSM(5_{53})=-v^{-1}z^3t_{-1}^2-v^{-1}zt_{-1}^2-v^{-2}z^2t_{-1}t_1^2-z^2t_1+2v^{-2}z^2t_1+v^{-2}t_1$

$HSM(\overline{5_{53}})=v^{-8}z^4t_{-1}^2t_1+2v^{-8}z^2t_{-1}^2t_1+v^{-6}z^6t_{-1}+6v^{-6}z^4t_{-1}+10v^{-6}z^2t_{-1}+4v^{-6}t_{-1}-2v^{-8}z^4t_{-1}-6v^{-8}z^2t_{-1}-3v^{-8}t_{-1}$

$HSM(5_{54})=-v^{-2}z^4t_{-1}-2v^{-2}z^2t_{-1}+v^{-4}z^2t_{-1}+v^{-4}t_{-1}-v^{-1}z^3t_1^2-2v^{-1}zt_1^2$

$HSM(\overline{5_{54}})=v^3z^3t_{-1}^2+2v^3zt_{-1}^2-v^2z^4t_{-1}t_1^2-2v^2z^2t_{-1}t_1^2+v^4z^2t_1+v^4t_1+v^2z^4t_1+2v^2z^2t_1$

$HSM(\overline{5_{55}})=-v^2z^2t_{-1}^2t_1-v^4z^2t_{-1}-v^4t_{-1}+2v^2z^2t_{-1}+v^2t_{-1}+z^2t_{-1}+t_{-1}-v^3z^3t_1^2-vz^3t_1^2-vzt_1^2$

$HSM(5_{56})=v^{-4}z^4t_{-1}+3v^{-4}z^2t_{-1}+v^{-4}t_{-1}-v^{-5}z^3t_1^2-2v^{-5}zt_1^2$

$HSM(\overline{5_{56}})=v^{-3}zt_{-1}^2+v^{-4}z^4t_{-1}t_1^2-v^{-4}z^2t_{-1}t_1^2+vz^3t_1^4+v^{-2}z^6t_1+3v^{-2}z^4t_1+2v^{-2}z^2t_1+3v^{-2}t_1-2v^{-4}z^4t_1-2v^{-4}t_1$

$HSM(5_{57}) = v^4t_{-1} + v^3zt_1^2 + vzt_1^2$
$HSM(\overline{5_{57}}) = -v^{-1}zt_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}zt_{-1}^2 + v^{-6}t_1$
$HSM(5_{58}) = v^3zt_{-1}^2 + vzt_{-1}^2 - v^2z^2t_{-1}t_1^2 - z^2t_{-1}t_1^2 + v^4t_1 + v^2z^2t_1 + z^2t_1$
$HSM(\overline{5_{58}}) = -z^2t_{-1} - v^{-2}z^2t_{-1} + v^{-4}t_{-1} - vzt_1^2 - v^{-1}zt_1^2$
$HSM(5_{59}) = -v^{-1}zt_{-1}^2 - v^{-4}z^2t_{-1}t_1^2 + z^2t_1 + t_1 - v^{-2}z^4t_1 - 3v^{-2}z^2t_1 - v^{-2}t_1 + 2v^{-4}z^2t_1 + v^{-4}t_1$
$HSM(\overline{5_{59}}) = v^{-6}z^2t_{-1}^2t_1 + v^{-8}z^2t_{-1}^2t_1 + v^{-4}z^4t_{-1} + 3v^{-4}z^2t_{-1} + v^{-4}t_{-1} + v^{-6}z^4t_{-1} + 2v^{-6}z^2t_{-1} + 2v^{-6}t_{-1} - 2v^{-8}z^2t_{-1} - 2v^{-8}t_{-1}$
$HSM(5_{60}) = -v^3zt_{-1}^2 - z^2t_{-1}t_1^2 - v^2z^2t_1 + v^{-2}t_1$
$HSM(\overline{5_{60}}) = -z^2t_{-1}^2t_1 - v^{-2}z^2t_{-1}^2t_1 + v^2t_{-1} + v^{-2}z^2t_{-1} + v^{-1}zt_1^2$
$HSM(5_{61}) = v^4z^2t_{-1}^3 - vz^3t_{-1}^2t_1^2 + 2v^3zt_{-1}t_1 + 2vz^3t_{-1}t_1 - v^5z^{-1} + v^3z^3 + v^3z^{-1} - vz^3$
$HSM(\overline{5_{61}}) = 2v^{-1}z^3t_{-1}t_1 - 2v^{-3}zt_{-1}t_1 + v^2z^2t_1^3 + vz^3 - v^{-1}z^3 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(5_{62}) = v^{-3}z^3t_{-1}^2t_1^2 + v^{-1}z^5t_{-1}t_1 + 4v^{-1}z^3t_{-1}t_1 + 2v^{-1}zt_{-1}t_1 - 4v^{-3}z^3t_{-1}t_1 - 2v^{-3}zt_{-1}t_1 + z^4t_1^3 - vz - vz^{-1} - 2v^{-1}z^3 + v^{-1}z^{-1} + 2v^{-3}z^3 + v^{-3}z$
$HSM(\overline{5_{62}}) = -v^{-1}z^3t_{-1}t_1 - v^{-1}zt_{-1}t_1 + 2v^{-3}z^3t_{-1}t_1 - v^{-5}zt_{-1}t_1 + z^2t_1^3 + 2v^{-1}z^3 + v^{-1}z - 2v^{-3}z^3 - 2v^{-3}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(5_{63}) = -z^2t_{-1}^2t_1 - v^2z^2t_{-1} + v^2t_{-1} + z^2t_{-1} - vz^3t_1^2 + v^{-1}zt_1^2$
$HSM(\overline{5_{63}}) = v^{-1}z^3t_{-1}^3t_1 - vzt_{-1}^2 - v^{-1}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-2}z^2t_{-1}t_1^2 - z^2t_1 + v^{-2}z^2t_1 + v^{-4}t_1$
$HSM(5_{64}) = vz^3t_{-1}^3t_1 + v^3z^3t_{-1}^2 - 3vz^3t_{-1}^2 - vzt_{-1}^2 + z^4t_{-1}t_1^2 - z^2t_{-1}t_1^2 + v^2z^4t_1 - v^2z^2t_1 - v^2t_1 - z^4t_1 + 2z^2t_1 + 2t_1$
$HSM(\overline{5_{64}}) = z^4t_{-1}^2t_1 + z^2t_{-1}^2t_1 - v^{-2}z^2t_{-1}^2t_1 + v^2t_{-1} - z^4t_{-1} - 2z^2t_{-1} + v^{-2}z^2t_{-1} + v^{-1}zt_1^2$
$HSM(5_{65}) = v^{-8}z^2t_{-1}^3 - 4v^{-9}z^5t_{-1}t_1 - 9v^{-9}z^3t_{-1}t_1 - 4v^{-9}zt_{-1}t_1 + v^{-6}z^6t_1^3 + 2v^{-6}z^4t_1^3 + v^{-6}z^2t_1^3 - 4v^{-7}z^5 - 12v^{-7}z^3 - 8v^{-7}z - v^{-7}z^{-1} + 4v^{-9}z^5 + 12v^{-9}z^3 + 8v^{-9}z + v^{-9}z^{-1}$
$HSM(\overline{5_{65}}) = v^{-8}z^8t_{-1}^3 + 5v^{-8}z^6t_{-1}^3 + 8v^{-8}z^4t_{-1}^3 + 4v^{-8}z^2t_{-1}^3 - v^{-13}z^3t_{-1}^2t_1^2 - 3v^{-11}z^7t_{-1}t_1 - 14v^{-11}z^5t_{-1}t_1 - 19v^{-11}z^3t_{-1}t_1 - 6v^{-11}zt_{-1}t_1 + 4v^{-13}z^3t_{-1}t_1 + 2v^{-13}zt_{-1}t_1 - 3v^{-9}z^7 - 15v^{-9}z^5 - 22v^{-9}z^3 - 11v^{-9}z - 2v^{-9}z^{-1} + 3v^{-11}z^7 + 15v^{-11}z^5 + 24v^{-11}z^3 + 13v^{-11}z + 3v^{-11}z^{-1} - 2v^{-13}z^3 - 2v^{-13}z - v^{-13}z^{-1}$
$HSM(5_{66}) = v^{-2}z^2t_{-1} + v^{-4}z^2t_{-1} + v^{-4}t_{-1} - v^{-3}zt_1^2 - v^{-5}zt_1^2$
$HSM(\overline{5_{66}}) = v^{-5}zt_{-1}^2 + v^{-4}z^2t_{-1}t_1^2 - 2v^{-6}z^2t_{-1}t_1^2 + v^{-1}z^3t_1^4 + v^{-2}z^4t_1 + 4v^{-2}z^2t_1 + 3v^{-2}t_1 - 2v^{-4}z^4t_1 - 7v^{-4}z^2t_1 - 2v^{-4}t_1 + 4v^{-6}z^2t_1$
$HSM(\overline{5_{67}}) = -v^{-3}z^3t_{-1}^4 - v^{-5}z^3t_{-1}^4 + 2v^{-8}z^2t_{-1}^2t_1 + 3v^{-10}z^2t_{-1}^2t_1 + 2v^{-6}z^4t_{-1} + 5v^{-6}z^2t_{-1} + v^{-6}t_{-1} + 3v^{-8}z^4t_{-1} + 5v^{-8}z^2t_{-1} + 2v^{-8}t_{-1} - 6v^{-10}z^2t_{-1} - 2v^{-10}t_{-1} - v^{-9}zt_1^2$
$HSM(5_{68}) = -v^{-2}z^4t_{-1}^4t_1 + z^2t_{-1}^3 + 3v^{-2}z^4t_{-1}^3 + 3v^{-5}z^3t_{-1}^2t_1^2 + 3v^{-3}z^5t_{-1}t_1 + 9v^{-3}z^3t_{-1}t_1 + v^{-3}zt_{-1}t_1 - 10v^{-5}z^3t_{-1}t_1 - 2v^{-5}zt_{-1}t_1 - v^{-2}z^2t_1^3 - 2v^{-1}z - v^{-1}z^{-1} - 4v^{-3}z^3 + v^{-3}z + v^{-3}z^{-1} + 4v^{-5}z^3 + v^{-5}z$
$HSM(5_{69}) = -3v^{-7}z^3t_{-1}t_1 - 3v^{-7}zt_{-1}t_1 + v^{-4}z^4t_1^3 + v^{-4}z^2t_1^3 - 3v^{-5}z^3 - 5v^{-5}z - v^{-5}z^{-1} + 3v^{-7}z^3 + 5v^{-7}z + v^{-7}z^{-1}$
$HSM(\overline{5_{69}}) = v^{-12}z^4t_{-1}^4t_1 + v^{-10}z^{10}t_{-1}^3 + 8v^{-10}z^8t_{-1}^3 + 22v^{-10}z^6t_{-1}^3 + 24v^{-10}z^4t_{-1}^3 + 7v^{-10}z^2t_{-1}^3 - 4v^{-12}z^4t_{-1}^3 - 2v^{-12}z^2t_{-1}^3 - 2v^{-15}z^3t_{-1}^2t_1^2 - 2v^{-13}z^9t_{-1}t_1 - 14v^{-13}z^7t_{-1}t_1 - 34v^{-13}z^5t_{-1}t_1 - 34v^{-13}z^3t_{-1}t_1 - 9v^{-13}zt_{-1}t_1 + 8v^{-15}z^3t_{-1}t_1 + 4v^{-15}zt_{-1}t_1 - 2v^{-11}z^9 - 15v^{-11}z^7 - 38v^{-11}z^5 - 40v^{-11}z^3 - 16v^{-11}z - 2v^{-11}z^{-1} + 2v^{-13}z^9 + 15v^{-13}z^7 + 38v^{-13}z^5 + 44v^{-13}z^3 + 20v^{-13}z + 3v^{-13}z^{-1} - 4v^{-15}z^3 - 4v^{-15}z - v^{-15}z^{-1}$
$HSM(5_{70}) = -v^3z^3t_{-1}^4 - v^{-2}z^4t_{-1}^2t_1 + 2v^{-2}z^2t_{-1}^2t_1 - z^6t_{-1} - 3z^4t_{-1} + t_{-1} + 2v^{-2}z^4t_{-1} - 2v^{-2}z^2t_{-1} + v^{-1}z^3t_1^2$
$HSM(\overline{5_{70}}) = v^5zt_{-1}^2 - v^3z^3t_{-1}^2 - v^3zt_{-1}^2 - v^4t_1 + 2v^2z^2t_1 + 2v^2t_1$
$HSM(\overline{5_{71}}) = -v^4z^2t_{-1}^3 + vz^3t_{-1}^2t_1^2 - 4vz^3t_{-1}t_1 - v^4z^2t_1^3 - 2v^3z^3 - v^3z + 2vz^3 - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$
$HSM(5_{72}) = v^5z^3t_{-1}^2 + v^5zt_{-1}^2 - v^6t_1 + v^4z^4t_1 + 3v^4z^2t_1 + 2v^4t_1$
$HSM(\overline{5_{72}}) = -vz^3t_{-1}^4 + v^{-4}z^4t_{-1}^3t_1^2 - 5v^{-4}z^4t_{-1}^2t_1 + 3v^{-4}z^2t_{-1}^2t_1 - 2v^{-3}z^3t_{-1}t_1^3 - v^{-2}z^6t_{-1} - 5v^{-2}z^4t_{-1} + v^{-2}t_{-1} + 5v^{-4}z^4t_{-1} - 3v^{-4}z^2t_{-1} - 2v^{-1}z^3t_1^2 - v^{-1}zt_1^2 + 5v^{-3}z^3t_1^2$
$HSM(5_{73}) = v^{-8}z^8t_{-1}^3 + 6v^{-8}z^6t_{-1}^3 + 10v^{-8}z^4t_{-1}^3 + 4v^{-8}z^2t_{-1}^3 - v^{-10}z^2t_{-1}^3 - 2v^{-11}z^7t_{-1}t_1 - 11v^{-11}z^5t_{-1}t_1 - 16v^{-11}z^3t_{-1}t_1 - 6v^{-11}zt_{-1}t_1 + 2v^{-13}zt_{-1}t_1 - 2v^{-9}z^7 - 12v^{-9}z^5 - 21v^{-9}z^3 - 12v^{-9}z - 2v^{-9}z^{-1} + 2v^{-11}z^7 + 12v^{-11}z^5 + 21v^{-11}z^3 + 14v^{-11}z + 3v^{-11}z^{-1} - 2v^{-13}z - v^{-13}z^{-1}$
$HSM(\overline{5_{73}}) = -2v^{-9}z^5t_{-1}t_1 - 7v^{-9}z^3t_{-1}t_1 - 4v^{-9}zt_{-1}t_1 + v^{-6}z^6t_1^3 + 4v^{-6}z^4t_1^3 + 3v^{-6}z^2t_1^3 - 2v^{-7}z^5 - 8v^{-7}z^3 - 7v^{-7}z - v^{-7}z^{-1} + 2v^{-9}z^5 + 8v^{-9}z^3 + 7v^{-9}z + v^{-9}z^{-1}$

$HSM(\overline{5_{74}}) = -v^{-5}z^5t_{-1}^4 - 2v^{-5}z^3t_{-1}^4 + 3v^{-10}z^4t_{-1}^2t_1 + 5v^{-10}z^2t_{-1}^2t_1 + 3v^{-8}z^6t_{-1} + 14v^{-8}z^4t_{-1} + 17v^{-8}z^2t_{-1} + 4v^{-8}t_{-1} - 6v^{-10}z^4t_{-1} - 12v^{-10}z^2t_{-1} - 3v^{-10}t_{-1} - v^{-9}z^3t_1^2 - v^{-9}zt_1^2$

$HSM(\overline{5_{75}}) = -2z^2t_{-1}^2t_1 + vz^3t_{-1}t_1^3 - 2v^2z^2t_{-1} - v^2t_{-1} + 4z^2t_{-1} + 2t_{-1} - 3vz^3t_1^2 - vzt_1^2$

$HSM(\overline{5_{76}}) = z^2t_{-1}^3 - v^{-2}z^4t_{-1}^3 - v^{-2}z^2t_{-1}^3 - 2v^{-3}zt_{-1}t_1 + 2v^{-5}z^3t_{-1}t_1 + v^{-5}zt_{-1}t_1 - 2v^{-1}z - v^{-1}z^{-1} + 2v^{-3}z^3 + 4v^{-3}z + v^{-3}z^{-1} - 2v^{-5}z^3 - 2v^{-5}z$

$HSM(\overline{5_{77}}) = -v^{-1}z^3t_{-1}^4 - v^{-6}z^4t_{-1}^2t_1 + 2v^{-6}z^2t_{-1}^2t_1 - v^{-4}z^6t_{-1} - 2v^{-4}z^4t_{-1} + 4v^{-4}z^2t_{-1} + 3v^{-4}t_{-1} + 2v^{-6}z^4t_{-1} - 3v^{-6}z^2t_{-1} - 2v^{-6}t_{-1} + v^{-5}z^3t_1^2$

$HSM(\overline{5_{78}}) = z^2t_{-1}^2t_1 - 2z^2t_{-1} + v^{-2}t_{-1} - vzt_1^2$

$HSM(5_{79}) = -v^6t_{-1} + v^4z^2t_{-1} + v^4t_{-1} + v^2z^2t_{-1} + v^2t_{-1}$

$HSM(\overline{5_{79}}) = -v^{-5}z^3t_{-1}^3t_1 - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 + 2v^{-5}z^3t_{-1}^2 + 2v^{-6}z^2t_{-1}t_1^2 + 3v^{-4}z^2t_1 + 2v^{-4}t_1 - 3v^{-6}z^2t_1 - v^{-6}t_1$

$HSM(5_{80}) = v^{-4}z^4t_{-1} + 4v^{-4}z^2t_{-1} + 3v^{-4}t_{-1} - v^{-6}z^2t_{-1} - 2v^{-6}t_{-1}$

$HSM(\overline{5_{80}}) = -v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 + v^{-4}z^4t_{-1}t_1^2 - v^{-4}z^2t_{-1}t_1^2 + vz^3t_1^4 + v^{-2}z^6t_1 + 3v^{-2}z^4t_1 + v^{-2}z^2t_1 + v^{-2}t_1 - 2v^{-4}z^4t_1 + v^{-4}z^2t_1$

$HSM(\overline{5_{81}}) = -v^{-5}z^5t_{-1}^4 - 2v^{-5}z^3t_{-1}^4 + 3v^{-10}z^4t_{-1}^2t_1 + 5v^{-10}z^2t_{-1}^2t_1 + 3v^{-8}z^6t_{-1} + 14v^{-8}z^4t_{-1} + 17v^{-8}z^2t_{-1} + 3v^{-8}t_{-1} - 6v^{-10}z^4t_{-1} - 12v^{-10}z^2t_{-1} - 2v^{-10}t_{-1} - v^{-9}z^3t_1^2 - 2v^{-9}zt_1^2$

$HSM(\overline{5_{82}}) = -v^{-3}z^3t_{-1}^4 - v^{-5}z^3t_{-1}^4 + 2v^{-8}z^2t_{-1}^2t_1 + 3v^{-10}z^2t_{-1}^2t_1 + 2v^{-6}z^4t_{-1} + 5v^{-6}z^2t_{-1} + 3v^{-8}z^4t_{-1} + 5v^{-8}z^2t_{-1} + 3v^{-8}t_{-1} - 6v^{-10}z^2t_{-1} - 2v^{-10}t_{-1} - v^{-7}zt_1^2 - v^{-9}zt_1^2$

$HSM(5_{83}) = -vz^3t_{-1}^2 + z^4t_{-1}t_1^2 - 2z^2t_{-1}t_1^2 + v^5z^3t_1^4 + v^2z^6t_1 + 3v^2z^4t_1 - 2z^4t_1 + 2z^2t_1 + t_1$

$HSM(\overline{5_{83}}) = v^2t_{-1} - 2z^2t_{-1} - t_{-1} + v^{-2}t_{-1} - v^3zt_1^2 + vz^3t_1^2 + vzt_1^2$

$HSM(5_{84}) = -3v^{-7}z^3t_{-1}t_1 - 2v^{-7}zt_{-1}t_1 + v^{-4}z^4t_1^3 + v^{-4}z^2t_1^3 - 3v^{-5}z^3 - 5v^{-5}z - 2v^{-5}z^{-1} + 3v^{-7}z^3 + 5v^{-7}z + 3v^{-7}z^{-1} - v^{-9}z^{-1}$

$HSM(\overline{5_{84}}) = v^{-12}z^4t_{-1}^4t_1 + v^{-10}z^{10}t_{-1}^3 + 8v^{-10}z^8t_{-1}^3 + 22v^{-10}z^6t_{-1}^3 + 24v^{-10}z^4t_{-1}^3 + 8v^{-10}z^2t_{-1}^3 - 4v^{-12}z^4t_{-1}^3 - 2v^{-12}z^2t_{-1}^3 - 2v^{-15}z^3t_{-1}^2t_1^2 - 2v^{-13}z^9t_{-1}t_1 - 14v^{-13}z^7t_{-1}t_1 - 34v^{-13}z^5t_{-1}t_1 - 33v^{-13}z^3t_{-1}t_1 - 8v^{-13}zt_{-1}t_1 + 8v^{-15}z^3t_{-1}t_1 + 2v^{-15}zt_{-1}t_1 + v^{-12}z^2t_1^3 - 2v^{-11}z^9 - 15v^{-11}z^7 - 38v^{-11}z^5 - 39v^{-11}z^3 - 14v^{-11}z - v^{-11}z^{-1} + 2v^{-13}z^9 + 15v^{-13}z^7 + 38v^{-13}z^5 + 43v^{-13}z^3 + 16v^{-13}z + v^{-13}z^{-1} - 4v^{-15}z^3 - 2v^{-15}z$

$HSM(\overline{5_{85}}) = -v^{-5}z^5t_{-1}^6 + 5v^{-14}z^4t_{-1}^4t_1 + 5v^{-12}z^{10}t_{-1}^3 + 30v^{-12}z^8t_{-1}^3 + 64v^{-12}z^6t_{-1}^3 + 55v^{-12}z^4t_{-1}^3 + 10v^{-12}z^2t_{-1}^3 - 20v^{-14}z^4t_{-1}^3 - 4v^{-14}z^2t_{-1}^3 - 6v^{-17}z^3t_{-1}^2t_1^2 - 10v^{-15}z^9t_{-1}t_1 - 46v^{-15}z^7t_{-1}t_1 - 76v^{-15}z^5t_{-1}t_1 - 64v^{-15}z^3t_{-1}t_1 - 12v^{-15}zt_{-1}t_1 + 24v^{-17}z^3t_{-1}t_1 + 6v^{-17}zt_{-1}t_1 + v^{-14}z^2t_1^3 - 10v^{-13}z^9 - 51v^{-13}z^7 - 86v^{-13}z^5 - 70v^{-13}z^3 - 21v^{-13}z - 2v^{-13}z^{-1} + 10v^{-15}z^9 + 51v^{-15}z^7 + 86v^{-15}z^5 + 82v^{-15}z^3 + 27v^{-15}z + 3v^{-15}z^{-1} - 12v^{-17}z^3 - 6v^{-17}z - v^{-17}z^{-1}$

$HSM(5_{86}) = v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz - 2vz^{-1} + 2v^{-1}z + 3v^{-1}z^{-1} - v^{-3}z - v^{-3}z^{-1}$

$HSM(\overline{5_{86}}) = -vz^3t_{-1}t_1 - vzt_{-1}t_1 + v^3z + v^3z^{-1} - 2vz - 3vz^{-1} + v^{-1}z + 2v^{-1}z^{-1}$

$HSM(\overline{5_{87}}) = -v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - 2v^{-5}zt_{-1}^2 + v^{-4}z^2t_1 + v^{-6}z^2t_1 + v^{-6}t_1$

$HSM(\overline{5_{88}}) = -v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - v^{-5}zt_{-1}^2 + v^{-4}z^2t_1 + v^{-4}t_1 + v^{-6}z^2t_1$

$HSM(5_{89}) = v^3z^3t_{-1}t_1 + v^3zt_{-1}t_1 + v^7z^{-1} - 2v^5z - 3v^5z^{-1} + 2v^3z + 2v^3z^{-1}$

$HSM(\overline{5_{89}}) = -v^{-3}z^3t_{-1}t_1 - v^{-3}zt_{-1}t_1 - 2v^{-3}z - 2v^{-3}z^{-1} + 2v^{-5}z + 3v^{-5}z^{-1} - v^{-7}z^{-1}$

$HSM(5_{90}) = v^5zt_{-1}t_1 + v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z^{-1} + vz$

$HSM(5_{91}) = v^5zt_{-1}t_1 - v^5z - v^3z^{-1} + vz + vz^{-1}$

$HSM(5_{92}) = v^5zt_{-1}^2 - v^6t_1 + 2v^4z^2t_1 + 2v^4t_1 + v^2z^2t_1$

$HSM(\overline{5_{92}}) = v^{-4}z^2t_{-1}^2t_1 + v^{-2}z^2t_{-1} + 2v^{-4}t_{-1} - v^{-6}t_{-1} - v^{-3}zt_1^2$

$HSM(\overline{5_{93}}) = -v^{-5}z^5t_{-1}^2 - 4v^{-5}z^3t_{-1}^2 - 3v^{-5}zt_{-1}^2 + v^{-6}z^4t_1 + 3v^{-6}z^2t_1 + v^{-6}t_1$

$HSM(5_{94}) = v^5z^3t_{-1}t_1 + 2v^5zt_{-1}t_1 - v^5z^3 - 3v^5z - v^5z^{-1} + v^3z^3 + 3v^3z + v^3z^{-1}$

$HSM(5_{95}) = v^5z^3t_{-1}t_1 + v^5zt_{-1}t_1 + v^7z^{-1} - v^5z^3 - 3v^5z - 3v^5z^{-1} + v^3z^3 + 3v^3z + 2v^3z^{-1}$

$HSM(\overline{5_{95}}) = -v^{-5}z^3t_{-1}t_1 - v^{-5}zt_{-1}t_1 - v^{-3}z^3 - 3v^{-3}z - 2v^{-3}z^{-1} + v^{-5}z^3 + 3v^{-5}z + 3v^{-5}z^{-1} - v^{-7}z^{-1}$

Knots in $L(4,1)$

$HSM(0_1) = t_1$

$HSM(1_1) = t_2$
$HSM(\overline{1_1}) = -v^{-1}zt_{-1}^2 + v^{-2}t_2$
$HSM(2_1) = vzt_{-1}t_1 - v^3z^{-1} + vz^{-1}$
$HSM(\overline{2_1}) = -v^{-1}zt_{-1}t_1 - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(*2_2) = v^{-2}t_{-1} - v^{-1}zt_1t_2$
$HSM(2_3) = t_{-1}$
$HSM(\overline{2_3}) = v^{-2}z^2t_{-1}^3 - 2v^{-5}zt_{-1}t_2 + 2v^{-4}z^2t_1 + v^{-4}t_1$
$HSM(3_1) = vzt_{-1}t_2 + v^2t_1$
$HSM(\overline{3_1}) = v^{-2}z^2t_{-1}^2t_1 - v^{-2}z^2t_{-1} + v^{-2}t_{-1} - v^{-1}zt_1t_2$
$HSM(3_2) = v^{-6}z^2t_{-1}^2t_2 - 2v^{-5}z^3t_{-1}t_1 - v^{-5}zt_{-1}t_1 - v^{-3}zt_2^2 - v^{-3}z^3 - v^{-3}z - v^{-3}z^{-1} + v^{-5}z^3 + v^{-5}z + v^{-5}z^{-1}$
$HSM(\overline{3_2}) = -v^{-3}zt_{-1}t_1 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z + v^{-3}z^{-1}$
$HSM(3_3) = vzt_1^2 + v^2t_2$
$HSM(\overline{3_3}) = -v^{-1}zt_{-1}^2 - v^{-3}zt_{-1}^2 + v^{-4}t_2$
$HSM(3_4) = -z^2t_{-1}t_1^2 + v^{-1}zt_{-1}t_2 + v^2t_1$
$HSM(\overline{3_4}) = -z^2t_{-1} + v^{-2}t_{-1} - vzt_1t_2$
$HSM(3_5) = -v^{-1}zt_2^2 - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(\overline{3_5}) = v^{-6}z^2t_{-1}^2t_2 - 2v^{-5}z^3t_{-1}t_1 - 2v^{-5}zt_{-1}t_1 - v^{-3}z^3 - 2v^{-3}z - v^{-3}z^{-1} + v^{-5}z^3 + 2v^{-5}z + v^{-5}z^{-1}$
$HSM(\overline{3_6}) = -v^{-3}z^3t_{-1}^4 + 3v^{-8}z^2t_{-1}^2t_2 - 6v^{-7}z^3t_{-1}t_1 - 2v^{-7}zt_{-1}t_1 - v^{-5}zt_2^2 - 3v^{-5}z^3 - 2v^{-5}z - v^{-5}z^{-1} + 3v^{-7}z^3 + 2v^{-7}z + v^{-7}z^{-1}$
$HSM(3_7) = v^3zt_1^2 + v^2z^2t_2 + v^2t_2$
$HSM(\overline{3_7}) = -v^{-3}z^3t_{-1}^2 - 2v^{-3}zt_{-1}^2 + v^{-4}z^2t_2 + v^{-4}t_2$
$HSM(3_8) = v^3zt_{-1}t_1 - v^3z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{4_1}) = -v^{-3}z^3t_{-1}^3t_1 + 2v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 + 2v^{-4}z^2t_{-1}t_1t_2 - 2v^{-3}z^3t_1^2 - v^{-3}zt_1^2 - v^{-4}z^2t_2 + v^{-4}t_2$
$HSM(4_2) = -v^{-9}z^3t_{-1}^3t_2 + 3v^{-8}z^4t_{-1}^2t_1 + v^{-8}z^2t_{-1}^2t_1 + 2v^{-8}z^2t_{-1}t_2^2 + v^{-6}z^6t_{-1} + 6v^{-6}z^4t_{-1} + 5v^{-6}z^2t_{-1} + 2v^{-6}t_{-1} - 3v^{-8}z^4t_{-1} - 2v^{-8}z^2t_{-1} - v^{-8}t_{-1} - 4v^{-7}z^3t_1t_2 - 2v^{-7}zt_1t_2$
$HSM(\overline{4_2}) = v^{-2}z^2t_1 + 2v^{-2}t_1 - v^{-4}t_1$
$HSM(4_3) = v^2z^2t_{-1}t_1^2 - v^4t_1 + 2v^2t_1$
$HSM(\overline{4_3}) = v^{-2}z^2t_{-1}^2t_1 + 2v^{-2}t_{-1} - v^{-4}t_{-1}$
$HSM(4_4) = vzt_{-1}^2 - z^2t_{-1}t_1t_2 - vzt_1^2 + z^2t_2 + t_2$
$HSM(\overline{4_4}) = v^{-1}z^3t_{-1}^2 + v^{-2}z^2t_{-1}t_1t_2 - v^{-1}z^3t_1^2 - v^{-1}zt_1^2 - v^{-2}z^2t_2 + v^{-2}t_2$
$HSM(4_5) = -2v^{-7}zt_{-1}t_2 + v^{-2}z^2t_1t_2^2 + 2v^{-4}z^2t_1 + v^{-4}t_1 + 2v^{-6}z^2t_1$
$HSM(\overline{4_5}) = v^{-6}z^2t_{-1}t_1^2 + v^{-4}z^4t_1 + 4v^{-4}z^2t_1 + 3v^{-4}t_1 - 2v^{-6}z^2t_1 - 2v^{-6}t_1$
$HSM(4_6) = v^3z^3t_{-1}t_1 + 2v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z + v^3z^{-1}$
$HSM(\overline{4_6}) = -v^{-3}z^3t_{-1}t_1 - 2v^{-3}zt_{-1}t_1 - v^{-3}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(4_7) = v^3zt_{-1}t_2 + v^2z^2t_1 + v^2t_1$
$HSM(\overline{4_7}) = v^{-4}z^2t_{-1}^2t_1 + v^{-2}z^2t_{-1} + v^{-2}t_{-1} - v^{-4}z^2t_{-1} - v^{-3}zt_1t_2$
$HSM(4_8) = -v^{-5}z^3t_{-1}t_2 - 2v^{-5}zt_{-1}t_2 + v^{-4}z^4t_1 + 3v^{-4}z^2t_1 + v^{-4}t_1$
$HSM(\overline{4_8}) = z^2t_{-1} + t_{-1} - v^2z^2t_1^3 - vz^3t_1t_2$
$HSM(4_9) = -v^{-3}zt_{-1}^2 + v^{-2}z^2t_2 + v^{-2}t_2$
$HSM(\overline{4_9}) = v^3zt_1^2 - vz^3t_1^2 - vzt_1^2 + z^2t_2 + t_2$
$HSM(4_{10}) = v^3zt_{-1}t_1 + vzt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{4_{10}}) = -v^{-1}zt_{-1}t_1 - v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(4_{11}) = t_{-1} - z^2t_1^3 - vzt_1t_2 + v^{-1}zt_1t_2$
$HSM(\overline{4_{11}}) = -v^{-3}zt_{-1}t_2 - v^{-5}zt_{-1}t_2 + v^{-2}z^2t_1 + v^{-4}z^2t_1 + v^{-4}t_1$
$HSM(4_{12}) = vzt_{-1}^2 - z^2t_{-1}t_1t_2 + v^2t_2 + z^2t_2$
$HSM(\overline{4_{12}}) = v^{-1}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 + v^{-2}z^2t_{-1}t_1t_2 - v^{-1}z^3t_1^2 - v^{-1}zt_1^2 - v^{-2}z^2t_2 + v^{-4}t_2$
$HSM(*4_{13}) = -z^2t_{-1}t_1^2 + v^2t_1 - t_1 + v^{-2}t_1$
$HSM(*4_{14}) = -v^{-7}zt_{-1}t_2 + v^{-2}z^2t_1t_2^2 + 2v^{-4}z^2t_1 + 2v^{-4}t_1 + v^{-6}z^2t_1 - v^{-6}t_1$
$HSM(4_{15}) = -vz^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - v^3zt_2^2 + 2v^3z - 2vz - vz^{-1} + v^{-1}z^{-1}$

$HSM(\overline{4_{15}}) = v^{-1}z^3t_{-1}^2t_1^2 - v^{-2}z^2t_{-1}^2t_2 - vzt_{-1}t_1 - v^{-1}z^3t_{-1}t_1 - v^2z^2t_1^2t_2 + vzt_2^2 - vz^3 - 2vz - vz^{-1} + v^{-1}z^3 + 2v^{-1}z + v^{-1}z^{-1}$

$HSM(4_{16}) = v^2t_{-1} + vzt_1t_2$

$HSM(\overline{4_{16}}) = v^{-2}z^2t_{-1}^3 + v^{-4}z^2t_{-1}^3 - v^{-5}zt_{-1}t_2 - 2v^{-7}zt_{-1}t_2 + v^{-4}z^2t_1 + 2v^{-6}z^2t_1 + v^{-6}t_1$

$HSM(4_{17}) = v^{-1}zt_{-1}^2 + v^{-1}z^3t_{-1}t_1^3 - 2v^{-2}z^2t_{-1}t_1t_2 - vzt_1^2 + t_2 + v^{-2}z^2t_2$

$HSM(\overline{4_{17}}) = -vzt_{-1}^2 - z^2t_2 + v^{-2}t_2$

$HSM(4_{18}) = -v^{-5}zt_{-1}t_2 + v^{-2}z^2t_1 + v^{-2}t_1 + v^{-4}z^2t_1$

$HSM(\overline{4_{18}}) = -v^{-9}z^3t_{-1}^3t_2 + 3v^{-8}z^4t_{-1}^2t_1 + 2v^{-8}z^2t_{-1}^2t_1 + v^{-8}z^2t_{-1}t_2^2 + v^{-6}z^6t_{-1} + 6v^{-6}z^4t_{-1} + 7v^{-6}z^2t_{-1} + 3v^{-6}t_{-1} - 3v^{-8}z^4t_{-1} - 4v^{-8}z^2t_{-1} - 2v^{-8}t_{-1} - 2v^{-7}z^3t_1t_2 - v^{-7}zt_1t_2$

$HSM(4_{19}) = v^{-2}z^2t_{-1}^2t_2 - v^{-1}z^3t_{-1}t_1 - vzt_2^2 + 2vz - 2v^{-1}z - v^{-1}z^{-1} + v^{-3}z^{-1}$

$HSM(\overline{4_{19}}) = -vz^3t_{-1}t_1 - v^4z^2t_1^2t_2 + v^3zt_2^2 - v^3z^3 - 2v^3z - v^3z^{-1} + vz^3 + 2vz + vz^{-1}$

$HSM(4_{20}) = v^3z^3t_{-1}t_1 + v^3zt_{-1}t_1 + v^5zt_2^2 - 2v^5z - v^5z^{-1} + 2v^3z + v^3z^{-1}$

$HSM(\overline{4_{20}}) = -v^{-3}z^3t_{-1}^2t_1^2 + v^{-4}z^2t_{-1}^2t_2 + v^{-3}z^3t_{-1}t_1 - v^{-3}zt_{-1}t_1 + z^2t_1^2t_2 - v^{-1}zt_2^2 + v^{-1}z^3 + 2v^{-1}z - v^{-3}z^3 - 2v^{-3}z - v^{-3}z^{-1} + v^{-5}z^{-1}$

$HSM(*4_{21}) = v^{-6}z^2t_{-1}t_1^2 - v^{-7}zt_{-1}t_2 + v^{-4}z^4t_1 + 4v^{-4}z^2t_1 + 2v^{-4}t_1 - v^{-6}z^2t_1 - v^{-6}t_1$

$HSM(\overline{4_{22}}) = v^{-4}z^4t_{-1}^3 + 2v^{-4}z^2t_{-1}^3 - 2v^{-7}z^3t_{-1}t_2 - 3v^{-7}zt_{-1}t_2 + 2v^{-6}z^4t_1 + 4v^{-6}z^2t_1 + v^{-6}t_1$

$HSM(\overline{4_{23}}) = -v^2z^2t_{-1}t_1^2 + vzt_{-1}t_2 + v^2z^2t_1 + v^2t_1$

$HSM(\overline{4_{24}}) = v^{-4}z^4t_{-1}^5 - 4v^{-11}z^3t_{-1}^3t_2 + 12v^{-10}z^4t_{-1}^2t_1 + 3v^{-10}z^2t_{-1}^2t_1 + 3v^{-10}z^2t_{-1}t_2^2 + 4v^{-8}z^6t_{-1} + 18v^{-8}z^4t_{-1} + 10v^{-8}z^2t_{-1} + 3v^{-8}t_{-1} - 12v^{-10}z^4t_{-1} - 6v^{-10}z^2t_{-1} - 2v^{-10}t_{-1} - 6v^{-9}z^3t_1t_2 - 2v^{-9}zt_1t_2$

$HSM(4_{25}) = v^{-1}zt_{-1}t_1 - v^3z^{-1} + vz + vz^{-1} - v^{-1}z$

$HSM(\overline{4_{25}}) = -vzt_{-1}t_1 + vz - v^{-1}z - v^{-1}z^{-1} + v^{-3}z^{-1}$

$HSM(\overline{4_{26}}) = -vzt_1^2 + v^{-1}z^3t_1^2 + v^{-1}zt_1^2 + t_2 - v^{-2}z^2t_2$

$HSM(*4_{27}) = -v^{-2}z^2t_{-1} + v^{-2}t_{-1} + z^2t_1^3 + v^{-1}z^3t_1t_2 - v^{-1}zt_1t_2$

$HSM(5_1) = v^4z^2t_{-1}t_1^2 + v^3z^3t_{-1}t_2 + v^3zt_{-1}t_2 - v^6t_1 + v^4z^2t_1 + 2v^4t_1$

$HSM(\overline{5_1}) = v^{-4}z^4t_{-1}^2t_1 + 2v^{-4}z^2t_{-1}^2t_1 - v^{-4}z^4t_{-1} + 2v^{-4}t_{-1} - v^{-6}t_{-1} - v^{-3}z^3t_1t_2 - v^{-3}zt_1t_2$

$HSM(5_2) = v^3zt_{-1}^2 - v^2z^2t_{-1}t_1t_2 + 2v^2z^2t_2 + v^2t_2$

$HSM(\overline{5_2}) = -v^{-3}zt_{-1}^2 + v^{-4}z^2t_{-1}t_1t_2 - v^{-3}z^3t_1^2 - v^{-3}zt_1^2 + v^{-4}t_2$

$HSM(5_3) = -v^{-2}z^2t_{-1}^2t_1 + t_{-1} + v^{-2}z^2t_{-1}$

$HSM(\overline{5_3}) = -v^2z^2t_{-1}t_1^2 + v^2z^2t_1 + t_1$

$HSM(5_4) = v^{-8}z^4t_{-1}^2t_2 + 2v^{-8}z^2t_{-1}^2t_2 - 2v^{-7}z^5t_{-1}t_1 - 5v^{-7}z^3t_{-1}t_1 - 2v^{-7}zt_{-1}t_1 - v^{-5}z^3t_2^2 - v^{-5}zt_2^2 - v^{-5}z^5 - 3v^{-5}z^3 - 3v^{-5}z - v^{-5}z^{-1} + v^{-7}z^5 + 3v^{-7}z^3 + 3v^{-7}z + v^{-7}z^{-1}$

$HSM(\overline{5_4}) = -v^{-1}z^3t_{-1}t_1 - v^2z^2t_1^2t_2 - vz^3 - vz - vz^{-1} + v^{-1}z^3 + v^{-1}z + v^{-1}z^{-1}$

$HSM(5_5) = -v^4t_{-1} + v^2z^2t_{-1} + 2v^2t_{-1}$

$HSM(\overline{5_5}) = v^{-4}z^4t_{-1}^4t_1 - 3v^{-4}z^4t_{-1}^3 + v^{-4}z^2t_{-1}^3 - 3v^{-7}z^3t_{-1}^2t_1t_2 + 6v^{-6}z^4t_{-1}t_1^2 + 2v^{-6}z^2t_{-1}t_1^2 + 4v^{-7}z^3t_{-1}t_2 - 2v^{-7}zt_{-1}t_2 + v^{-2}z^2t_1t_2^2 + 2v^{-4}z^4t_1 + 2v^{-4}z^2t_1 + v^{-4}t_1 - 7v^{-6}z^4t_1 - v^{-6}z^2t_1$

$HSM(5_6) = v^{-12}z^4t_{-1}^4t_2 - 4v^{-11}z^5t_{-1}^3t_1 - v^{-11}z^3t_{-1}^3t_1 - 3v^{-13}z^3t_{-1}^2t_2^2 - v^{-9}z^9t_{-1}^2 - 8v^{-9}z^7t_{-1}^2 - 21v^{-9}z^5t_{-1}^2 - 13v^{-9}z^3t_{-1}^2 - 3v^{-9}zt_{-1}^2 + 6v^{-11}z^5t_{-1}^2 + 3v^{-11}z^3t_{-1}^2 + v^{-11}zt_{-1}^2 + 12v^{-12}z^4t_{-1}t_1t_2 + 4v^{-12}z^2t_{-1}t_1t_2 + v^{-9}z^5t_1^2 - 6v^{-11}z^5t_1^2 - 4v^{-11}z^3t_1^2 - v^{-11}zt_1^2 + v^{-6}z^2t_2^3 + v^{-10}z^8t_2 + 7v^{-10}z^6t_2 + 15v^{-10}z^4t_2 + 11v^{-10}z^2t_2 + 3v^{-10}t_2 - 6v^{-12}z^4t_2 - 4v^{-12}z^2t_2 - 2v^{-12}t_2$

$HSM(5_7) = v^2z^2t_{-1}^2t_2 + 2v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$

$HSM(\overline{5_7}) = -v^{-3}z^3t_{-1}^2t_1^2 + v^{-4}z^2t_{-1}^2t_2 - 2v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$

$HSM(5_8) = -z^2t_{-1}^2t_1 - v^2z^2t_{-1} - v^2t_{-1} + 2z^2t_{-1} + 2t_{-1} - vz^3t_1t_2 - vzt_1t_2$

$HSM(\overline{5_8}) = -v^{-2}z^4t_{-1}^3 - v^{-5}z^3t_{-1}^2t_1t_2 + 2v^{-4}z^4t_{-1}t_1^2 + v^{-4}z^2t_{-1}t_1^2 + 3v^{-5}z^3t_{-1}t_2 - v^{-5}zt_{-1}t_2 + z^2t_1t_2^2 + v^{-2}z^2t_1 + v^{-2}t_1 - 4v^{-4}z^4t_1 - v^{-4}z^2t_1$

$HSM(5_9) = -v^{-11}z^3t_{-1}^2t_2^2 - v^{-7}z^7t_{-1}^2 - 5v^{-7}z^5t_{-1}^2 - 5v^{-7}z^3t_{-1}^2 - v^{-7}zt_{-1}^2 + 4v^{-10}z^4t_{-1}t_1t_2 + 2v^{-10}z^2t_{-1}t_1t_2 + v^{-7}z^5t_1^2 - 2v^{-9}z^5t_1^2 - 2v^{-9}z^3t_1^2 - v^{-9}zt_1^2 + v^{-4}z^2t_2^3 + 2v^{-8}z^6t_2 + 6v^{-8}z^4t_2 + 8v^{-8}z^2t_2 + 3v^{-8}t_2 - 2v^{-10}z^4t_2 - 2v^{-10}z^2t_2 - 2v^{-10}t_2$

$HSM(\overline{5_9}) = -v^{-5}z^5t_1^2 - 4v^{-5}z^3t_1^2 - 4v^{-5}zt_1^2 + v^{-7}zt_1^2 + v^{-6}z^4t_2 + 2v^{-6}z^2t_2 + v^{-6}t_2$

$HSM(5_{10}) = v^2z^2t_{-1}t_1^2 + v^3zt_{-1}t_2 + v^2t_1$

$HSM(\overline{5_{10}}) = v^{-2}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-2}t_{-1} - v^{-4}z^2t_{-1} - v^{-3}zt_1t_2$

$HSM(5_{11}) = -vz^3t_{-1}t_1^3 + z^2t_{-1}t_1t_2 + v^3zt_1^2 - vzt_1^2 + t_2$
$HSM(\overline{5_{11}}) = v^{-1}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 + v^{-2}z^2t_{-1}t_1t_2 - v^{-1}z^3t_1^2 + v^{-2}t_2$
$HSM(5_{12}) = -z^2t_{-1}t_2^2 - v^2t_{-1} + z^2t_{-1} + 2t_{-1} - vzt_1t_2$
$HSM(\overline{5_{12}}) = -v^{-2}z^4t_{-1}^3 - v^{-5}z^3t_{-1}^2t_1t_2 + 2v^{-4}z^4t_{-1}t_1^2 + 2v^{-4}z^2t_{-1}t_1^2 + 2v^{-5}z^3t_{-1}t_2 - v^{-5}zt_{-1}t_2 + v^{-2}z^4t_1 + 2v^{-2}z^2t_1 + v^{-2}t_1 - 3v^{-4}z^4t_1 - 2v^{-4}z^2t_1$
$HSM(5_{13}) = -z^2t_{-1}^2t_2 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(\overline{5_{13}}) = v^{-1}z^3t_{-1}^2t_1^2 - v^{-2}z^2t_{-1}^2t_2 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(5_{14}) = -v^{-2}z^2t_{-1}^2t_1 + v^{-1}z^3t_{-1}t_1^2t_2 - v^{-2}z^2t_{-1}t_2^2 - z^2t_{-1} + 2v^{-2}z^2t_{-1} + v^{-2}t_{-1} - vzt_1t_2 - v^{-1}z^3t_1t_2$
$HSM(\overline{5_{14}}) = v^{-2}z^2t_{-1}t_1^2 + v^{-3}z^3t_{-1}t_2 - v^{-5}zt_{-1}t_2 + z^2t_1 + t_1 - v^{-2}z^4t_1 - 2v^{-2}z^2t_1 - v^{-2}t_1 + v^{-4}z^2t_1 + v^{-4}t_1$
$HSM(5_{15}) = -v^{-11}z^3t_{-1}^2t_2^2 - v^{-7}z^7t_{-1}^2 - 5v^{-7}z^5t_{-1}^2 - 6v^{-7}z^3t_{-1}^2 - 2v^{-7}zt_{-1}^2 + 4v^{-10}z^4t_{-1}t_1t_2 + 3v^{-10}z^2t_{-1}t_1t_2 - 2v^{-9}z^5t_1^2 - 3v^{-9}z^3t_1^2 - v^{-9}zt_1^2 + 2v^{-8}z^6t_2 + 8v^{-8}z^4t_2 + 8v^{-8}z^2t_2 + 2v^{-8}t_2 - 2v^{-10}z^4t_2 - 3v^{-10}z^2t_2 - v^{-10}t_2$
$HSM(\overline{5_{15}}) = v^{-8}z^2t_{-1}t_1t_2 - v^{-5}z^5t_1^2 - 3v^{-5}z^3t_1^2 - 2v^{-5}zt_1^2 - v^{-7}z^3t_1^2 + 2v^{-6}z^4t_2 + 4v^{-6}z^2t_2 + 2v^{-6}t_2 - v^{-8}z^2t_2 - v^{-8}t_2$
$HSM(5_{16}) = z^4t_{-1}^2t_1 + z^2t_{-1}t_2^2 - 2v^2z^2t_{-1} - z^4t_{-1} + v^{-2}t_{-1} - 2vz^3t_1t_2 - vzt_1t_2$
$HSM(\overline{5_{16}}) = -v^2z^2t_{-1}^3 + v^{-1}z^3t_{-1}^2t_1t_2 - z^4t_{-1}t_1^2 - 2v^{-1}z^3t_{-1}t_2 + v^{-1}zt_{-1}t_2 - v^4z^2t_1t_2^2 + v^2z^4t_1 + 2v^2z^2t_1 + v^2t_1 + 2z^4t_1 - z^2t_1$
$HSM(5_{17}) = v^{-6}z^2t_{-1}^2t_2 + v^{-8}z^2t_{-1}^2t_2 - 2v^{-5}z^3t_{-1}t_1 - v^{-5}zt_{-1}t_1 - 2v^{-7}z^3t_{-1}t_1 - v^{-7}zt_{-1}t_1 - v^{-5}zt_2^2 - v^{-3}z^3 - v^{-3}z - v^{-5}z^{-1} + v^{-7}z^3 + v^{-7}z + v^{-7}z^{-1}$
$HSM(\overline{5_{17}}) = -v^{-1}zt_{-1}t_1 + v^{-3}zt_{-1}t_1 - z^2t_1^2t_2 - vz - vz^{-1} + 2v^{-1}z + v^{-1}z^{-1} - v^{-3}z$
$HSM(5_{18}) = v^2z^2t_{-1}t_1t_2 + v^3zt_1^2 + v^2t_2$
$HSM(\overline{5_{18}}) = -v^{-3}z^3t_{-1}^3t_1 + v^{-3}z^3t_{-1}^2 - 2v^{-3}zt_{-1}^2 + v^{-4}z^2t_{-1}t_1t_2 - v^{-3}z^3t_1^2 + v^{-4}t_2$
$HSM(5_{19}) = -v^{-2}z^2t_{-1}^2t_1 + v^{-1}z^3t_{-1}t_1^2t_2 - v^{-2}z^2t_{-1}t_2^2 - z^2t_{-1} - t_{-1} + 2v^{-2}z^2t_{-1} + 2v^{-2}t_{-1} + z^2t_1^3 - v^{-1}z^3t_1t_2 - 2v^{-1}zt_1t_2$
$HSM(\overline{5_{19}}) = v^{-2}z^2t_{-1}t_1^2 + v^{-3}z^3t_{-1}t_2 + z^2t_1 + t_1 - v^{-2}z^4t_1 - 2v^{-2}z^2t_1$
$HSM(5_{20}) = -v^{-7}zt_{-1}^2 + v^{-8}z^2t_{-1}t_1t_2 - v^{-5}z^5t_1^2 - 3v^{-5}z^3t_1^2 - v^{-5}zt_1^2 - v^{-7}z^3t_1^2 + 2v^{-6}z^4t_2 + 5v^{-6}z^2t_2 + 2v^{-6}t_2 - v^{-8}z^2t_2 - v^{-8}t_2$
$HSM(\overline{5_{20}}) = -v^{-9}z^3t_{-1}^3t_1 - v^{-7}z^7t_{-1}^2 - 6v^{-7}z^5t_{-1}^2 - 11v^{-7}z^3t_{-1}^2 - 5v^{-7}zt_{-1}^2 + 3v^{-9}z^3t_{-1}^2 + 2v^{-9}zt_{-1}^2 + v^{-10}z^2t_{-1}t_1t_2 - v^{-9}z^3t_1^2 + v^{-8}z^6t_2 + 4v^{-8}z^4t_2 + 5v^{-8}z^2t_2 + 2v^{-8}t_2 - v^{-10}z^2t_2 - v^{-10}t_2$
$HSM(5_{21}) = -v^{-2}z^4t_{-1}^2t_1 - v^{-1}z^3t_{-1}t_1^2t_2 + v^{-2}z^2t_{-1}t_2^2 - z^4t_{-1} - 2z^2t_{-1} + v^{-2}z^4t_{-1} - v^{-2}z^2t_{-1} + v^{-4}t_{-1} + z^4t_1^3 + z^2t_1^3 - 2v^{-1}zt_1t_2$
$HSM(\overline{5_{21}}) = -v^2z^4t_{-1}t_1^2 - v^2z^2t_{-1}t_1^2 + 2vzt_{-1}t_2 - v^6z^2t_1t_2^2 + v^4z^4t_1 + 2v^4z^2t_1 + v^4t_1 + v^2z^4t_1 - v^2z^2t_1$
$HSM(5_{22}) = -vzt_{-1}^2 + v^{-1}zt_1^2 - z^2t_2 + t_2$
$HSM(\overline{5_{22}}) = v^{-1}z^3t_{-1}^3t_1 - vzt_{-1}^2 - 2v^{-1}z^3t_{-1}^2 - v^{-1}zt_{-1}^2 - 2v^{-2}z^2t_{-1}t_1t_2 + 2v^{-1}z^3t_1^2 + v^{-1}zt_1^2 + v^{-2}z^2t_2 + v^{-2}t_2$
$HSM(5_{23}) = -v^{-2}z^2t_{-1}^2t_1 + 2t_{-1} + v^{-2}z^2t_{-1} - v^{-2}t_{-1} + v^{-1}zt_1t_2$
$HSM(\overline{5_{23}}) = -vzt_{-1}t_2 - v^2t_1 + 2t_1$
$HSM(5_{24}) = v^{-1}zt_{-1}t_1 - vzt_2^2 + vz - vz^{-1} - v^{-1}z + v^{-1}z^{-1}$
$HSM(\overline{5_{24}}) = -v^{-3}z^3t_{-1}^4 + 3v^{-8}z^2t_{-1}^2t_2 - 6v^{-7}z^3t_{-1}t_1 - 3v^{-7}zt_{-1}t_1 - 3v^{-5}z^3 - 3v^{-5}z - v^{-5}z^{-1} + 3v^{-7}z^3 + 3v^{-7}z + v^{-7}z^{-1}$
$HSM(5_{25}) = v^5zt_{-1}^2 + v^3z^3t_1^2 + v^3zt_1^2 + 2v^4z^2t_2 + v^4t_2$
$HSM(\overline{5_{25}}) = -v^{-5}z^3t_{-1}^3t_1 - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 + v^{-5}z^3t_{-1}^2 - v^{-5}zt_{-1}^2 + 2v^{-6}z^2t_{-1}t_1t_2 - 2v^{-5}z^3t_1^2 - v^{-5}zt_1^2 + v^{-6}t_2$
$HSM(5_{26}) = -v^2z^4t_{-1}t_1^2 - v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + vzt_{-1}t_2 + v^4z^2t_1 + v^2t_1$
$HSM(\overline{5_{26}}) = -v^{-2}z^4t_{-1} - v^{-2}z^2t_{-1} + v^{-2}t_{-1} + v^{-4}z^2t_{-1} - v^{-1}z^3t_1t_2 - v^{-1}zt_1t_2$
$HSM(5_{27}) = -v^2z^4t_{-1}t_1^2 - v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + vzt_{-1}t_2 + v^4z^2t_1 + v^2t_1$
$HSM(\overline{5_{27}}) = -v^{-2}z^4t_{-1} - v^{-2}z^2t_{-1} + v^{-2}t_{-1} + v^{-4}z^2t_{-1} - v^{-1}z^3t_1t_2 - v^{-1}zt_1t_2$
$HSM(5_{28}) = -v^{-5}zt_{-1}t_1 - v^{-3}z^3t_2^2 - v^{-3}zt_2^2 - 2v^{-3}z - v^{-3}z^{-1} + 2v^{-5}z + v^{-5}z^{-1}$
$HSM(\overline{5_{28}}) = -2v^{-3}z^3t_{-1}t_1 - v^{-3}zt_{-1}t_1 + vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 - 2v^{-1}z^3 - 2v^{-1}z - v^{-1}z^{-1} + 2v^{-3}z^3 + 2v^{-3}z + v^{-3}z^{-1}$
$HSM(5_{29}) = -vz^3t_{-1}t_1 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 + v^3z - vz - vz^{-1} + v^{-1}z^{-1}$

$HSM(\overline{5_{29}}) = -vzt_{-1}t_1 + v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z + v^{-1}z^{-1} - v^{-3}z$

$HSM(5_{30}) = -vzt_{-1}t_2 - z^2t_1 + v^{-2}t_1$

$HSM(\overline{5_{30}}) = -v^{-2}z^2t_{-1}^2t_1 + v^2t_{-1} - z^2t_{-1} + v^{-2}z^2t_{-1} + v^{-1}zt_1t_2$

$HSM(5_{31}) = z^4t_{-1}t_1^2 + z^2t_{-1}t_1^2 - v^{-1}z^3t_{-1}t_2 - v^2z^2t_1 + t_1$

$HSM(\overline{5_{31}}) = z^2t_{-1}^2t_1 + z^4t_{-1} + t_{-1} - v^{-2}z^2t_{-1} + vz^3t_1t_2$

$HSM(5_{32}) = t_{-1} - v^{-2}z^2t_{-1} - vzt_1t_2 + v^{-1}z^3t_1t_2 + v^{-1}zt_1t_2$

$HSM(\overline{5_{32}}) = z^2t_{-1}^3 + v^{-3}z^3t_{-1}t_2 - v^{-3}zt_{-1}t_2 - v^{-5}zt_{-1}t_2 - v^{-2}z^4t_1 + v^{-4}z^2t_1 + v^{-4}t_1$

$HSM(5_{33}) = v^{-1}zt_1^2 + v^2t_2 - z^2t_2$

$HSM(\overline{5_{33}}) = -vzt_{-1}^2 + v^{-1}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-2}z^2t_2 + v^{-4}t_2$

$HSM(5_{34}) = -v^{-3}zt_{-1}t_1 + z^2t_1^2t_2 + v^{-1}z^3t_2^2 - v^{-1}z^{-1} + v^{-3}z^{-1}$

$HSM(\overline{5_{34}}) = -v^{-1}z^3t_{-1}^4 - v^{-6}z^4t_{-1}^2t_2 + 2v^{-6}z^2t_{-1}^2t_2 + 2v^{-5}z^5t_{-1}t_1 - 2v^{-5}z^3t_{-1}t_1 - v^{-5}zt_{-1}t_1 - v^{-3}zt_2^2 + v^{-3}z^5 - v^{-3}z^{-1} - v^{-5}z^5 + v^{-5}z^{-1}$

$HSM(5_{35}) = v^5z^3t_{-1}t_1 + v^3z^3t_{-1}t_1 + v^3zt_{-1}t_1 + v^7zt_2^2 - 2v^7z + v^5z - v^5z^{-1} + v^3z + v^3z^{-1}$

$HSM(\overline{5_{35}}) = -v^{-5}z^3t_{-1}^2t_1^2 + v^{-6}z^2t_{-1}^2t_2 - v^{-3}z^3t_{-1}t_1 - v^{-3}zt_{-1}t_1 + v^{-5}z^3t_{-1}t_1 + v^{-2}z^2t_1^2t_2 - v^{-3}zt_2^2 + v^{-3}z^3 + v^{-3}z - v^{-3}z^{-1} - v^{-5}z^3 - v^{-5}z + v^{-5}z^{-1}$

$HSM(5_{36}) = z^2t_{-1} + t_{-1} + v^3zt_1t_2 - vz^3t_1t_2 - vzt_1t_2$

$HSM(\overline{5_{36}}) = v^{-4}z^2t_{-1}^3 - v^{-5}z^3t_{-1}t_2 - v^{-5}zt_{-1}t_2 - v^{-7}zt_{-1}t_2 + v^{-4}z^4t_1 + 2v^{-4}z^2t_1 + v^{-4}t_1 + v^{-6}z^2t_1$

$HSM(5_{37}) = v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - v^{-3}zt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$

$HSM(\overline{5_{37}}) = v^3zt_{-1}t_1 - vz^3t_{-1}t_1 - vzt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$

$HSM(5_{38}) = -v^3z^3t_{-1}t_1 - v^6z^2t_1^2t_2 + v^5zt_2^2 - v^5z^3 - 2v^5z + v^3z^3 + v^3z - v^3z^{-1} + vz + vz^{-1}$

$HSM(\overline{5_{38}}) = v^{-4}z^2t_{-1}^2t_2 - v^{-3}z^3t_{-1}t_1 - v^{-1}zt_2^2 + v^{-1}z - v^{-1}z^{-1} - v^{-3}z + v^{-3}z^{-1}$

$HSM(\overline{5_{39}}) = v^{-2}z^2t_{-1} + v^{-2}t_{-1} - v^2z^2t_1^3 + z^4t_1^3 + z^2t_1^3 + vzt_1t_2 - 2v^{-1}z^3t_1t_2 - 2v^{-1}zt_1t_2$

$HSM(5_{40}) = v^3z^3t_{-1}t_2 + 2v^3zt_{-1}t_2 + v^4z^2t_1 + v^4t_1$

$HSM(\overline{5_{40}}) = v^{-4}z^4t_{-1}^2t_1 + 2v^{-4}z^2t_{-1}^2t_1 - v^{-4}z^4t_{-1} - v^{-4}z^2t_{-1} + v^{-4}t_{-1} - v^{-3}z^3t_1t_2 - 2v^{-3}zt_1t_2$

$HSM(5_{41}) = v^{-8}z^4t_{-1}^2t_2 + 2v^{-8}z^2t_{-1}^2t_2 - 2v^{-7}z^5t_{-1}t_1 - 5v^{-7}z^3t_{-1}t_1 - v^{-7}zt_{-1}t_1 - v^{-5}z^3t_2^2 - 2v^{-5}zt_2^2 - v^{-5}z^5 - 3v^{-5}z^3 - 2v^{-5}z - v^{-5}z^{-1} + v^{-7}z^5 + 3v^{-7}z^3 + 2v^{-7}z + v^{-7}z^{-1}$

$HSM(\overline{5_{41}}) = -v^{-1}z^3t_{-1}t_1 - v^{-1}zt_{-1}t_1 - v^2z^2t_1^2t_2 + vzt_2^2 - vz^3 - 2vz - vz^{-1} + v^{-1}z^3 + 2v^{-1}z + v^{-1}z^{-1}$

$HSM(5_{42}) = v^3zt_{-1}t_2 + vzt_{-1}t_2 + v^4t_1$

$HSM(\overline{5_{42}}) = v^{-2}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1}^2t_1 - v^{-2}z^2t_{-1} - v^{-4}z^2t_{-1} + v^{-4}t_{-1} - v^{-1}zt_1t_2 - v^{-3}zt_1t_2$

$HSM(5_{43}) = -v^{-3}zt_{-1}t_1 + v^{-5}zt_{-1}t_1 + v^{-1}z^3t_1^4 + z^2t_1^2t_2 - 2v^{-2}z^2t_1^2t_2 - v^{-1}zt_2^2 - v^{-1}z - v^{-1}z^{-1} + 2v^{-3}z + v^{-3}z^{-1} - v^{-5}z$

$HSM(\overline{5_{43}}) = -v^{-3}zt_{-1}t_1 - v^{-5}zt_{-1}t_1 - v^{-1}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$

$HSM(5_{44}) = -z^2t_{-1}^2t_1 - v^2z^2t_{-1} + 2z^2t_{-1} + t_{-1} - vz^3t_1t_2$

$HSM(\overline{5_{44}}) = -v^{-2}z^4t_{-1}^3 + v^{-4}z^2t_{-1}^3 - v^{-5}z^3t_{-1}^2t_1t_2 + 2v^{-4}z^4t_{-1}t_1^2 + v^{-4}z^2t_{-1}t_1^2 + 3v^{-5}z^3t_{-1}t_2 - 2v^{-7}zt_{-1}t_2 + z^2t_1t_2^2 + v^{-2}z^2t_1 + v^{-2}t_1 - 4v^{-4}z^4t_1 - 2v^{-4}z^2t_1 - v^{-4}t_1 + 2v^{-6}z^2t_1 + v^{-6}t_1$

$HSM(5_{45}) = v^{-1}z^3t_{-1}^3t_1 - vzt_{-1}^2 - v^{-1}z^3t_{-1}^2 + v^{-1}zt_{-1}^2 - v^{-2}z^2t_{-1}t_1t_2 + v^{-1}z^3t_1^2 + t_2$

$HSM(\overline{5_{45}}) = -z^2t_{-1}t_1t_2 - vzt_1^2 + v^{-2}t_2$

$HSM(5_{46}) = -v^2z^4t_{-1}t_1^2 + vzt_{-1}t_2 - v^6z^2t_1t_2^2 + v^4z^4t_1 + 2v^4z^2t_1 + v^2z^4t_1 - v^2z^2t_1 + v^2t_1$

$HSM(\overline{5_{46}}) = -v^{-2}z^4t_{-1}^2t_1 - v^{-1}z^3t_{-1}t_1^2t_2 + v^{-2}z^2t_{-1}t_2^2 - z^4t_{-1} - 2z^2t_{-1} + v^{-2}z^4t_{-1} + v^{-2}t_{-1} + z^4t_1^3 + z^2t_1^3 - v^{-1}zt_1t_2$

$HSM(5_{47}) = -v^{-11}z^3t_{-1}^2t_2^2 - v^{-7}z^7t_{-1}^2 - 5v^{-7}z^5t_{-1}^2 - 6v^{-7}z^3t_{-1}^2 - 3v^{-7}zt_{-1}^2 + v^{-9}zt_{-1}^2 + 4v^{-10}z^4t_{-1}t_1t_2 + v^{-10}z^2t_{-1}t_1t_2 + v^{-7}z^5t_1^2 - 2v^{-9}z^5t_1^2 - v^{-9}z^3t_1^2 + v^{-4}z^2t_2^3 + 2v^{-8}z^6t_2 + 5v^{-8}z^4t_2 + 6v^{-8}z^2t_2 + 3v^{-8}t_2 - 2v^{-10}z^4t_2 - v^{-10}z^2t_2 - 2v^{-10}t_2$

$HSM(\overline{5_{47}}) = -v^{-7}zt_{-1}^2 + v^{-8}z^2t_{-1}t_1t_2 - v^{-5}z^5t_1^2 - 3v^{-5}z^3t_1^2 - 2v^{-5}zt_1^2 - v^{-7}z^3t_1^2 + 2v^{-6}z^4t_2 + 4v^{-6}z^2t_2 + v^{-6}t_2 - v^{-8}z^2t_2$

$HSM(5_{48}) = -vz^3t_{-1}t_2 - vzt_{-1}t_2 + v^{-1}zt_{-1}t_2 - v^2z^2t_1 + t_1$

$HSM(\overline{5_{48}}) = -v^{-2}z^4t_{-1}^3t_1^2 + v^{-3}z^3t_{-1}^3t_2 + z^2t_{-1}^2t_1 + 2v^{-2}z^4t_{-1}^2t_1 + 2v^{-1}z^3t_{-1}t_1^2t_2 - 2v^{-2}z^2t_{-1}t_2^2 + 2z^4t_{-1} + 3z^2t_{-1} + t_{-1} - 2v^{-2}z^4t_{-1} - 2v^{-2}z^2t_{-1} - 2z^4t_1^3 - z^2t_1^3 - vzt_1t_2 + v^{-1}z^3t_1t_2 + v^{-1}zt_1t_2$

$HSM(5_{49}) = v^{-6}z^2t_{-1}^2t_2 + v^{-8}z^2t_{-1}^2t_2 - 2v^{-5}z^3t_{-1}t_1 - 2v^{-7}z^3t_{-1}t_1 - v^{-7}zt_{-1}t_1 - v^{-3}zt_2^2 - v^{-5}zt_2^2 - v^{-3}z^3 - v^{-5}z - v^{-5}z^{-1} + v^{-7}z^3 + v^{-7}z + v^{-7}z^{-1}$

$HSM(\overline{5_{49}}) = -v^{-1}zt_{-1}t_1 - z^2t_1^2t_2 + v^{-1}zt_2^2 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$
$HSM(5_{50}) = v^3z^3t_1^2 + 2v^3zt_1^2 + v^4z^2t_2 + v^4t_2$
$HSM(\overline{5_{50}}) = -v^{-3}z^3t_{-1}^2 - 2v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - v^{-5}zt_{-1}^2 + v^{-6}z^2t_2 + v^{-6}t_2$
$HSM(5_{51}) = v^4z^2t_{-1}t_1^2 - v^6t_1 + v^4t_1 + v^2z^2t_1 + v^2t_1$
$HSM(\overline{5_{51}}) = v^{-4}z^2t_{-1}^2t_1 + v^{-2}z^2t_{-1} + v^{-2}t_{-1} + v^{-4}t_{-1} - v^{-6}t_{-1}$
$HSM(5_{52}) = -v^{-2}z^4t_{-1}^2t_1 - 2v^{-2}z^2t_{-1}^2t_1 + z^2t_{-1} + 2t_{-1} + v^{-2}z^4t_{-1} + v^{-2}z^2t_{-1} - v^{-2}t_{-1} + v^{-1}z^3t_1t_2 + v^{-1}zt_1t_2$
$HSM(\overline{5_{52}}) = -v^2z^2t_{-1}t_1^2 - vz^3t_{-1}t_2 - vzt_{-1}t_2 - v^2t_1 + z^2t_1 + 2t_1$
$HSM(5_{53}) = v^{-1}zt_{-1}t_1 - v^2z^2t_1^2t_2 - vz^3t_2^2 - vzt_2^2 - vz^{-1} + v^{-1}z^{-1}$
$HSM(\overline{5_{53}}) = v^{-8}z^4t_{-1}^2t_2 + 2v^{-8}z^2t_{-1}^2t_2 - 2v^{-7}z^5t_{-1}t_1 - 6v^{-7}z^3t_{-1}t_1 - 3v^{-7}zt_{-1}t_1 - v^{-5}z^5 - 4v^{-5}z^3 - 4v^{-5}z - v^{-5}z^{-1} + v^{-7}z^5 + 4v^{-7}z^3 + 4v^{-7}z + v^{-7}z^{-1}$
$HSM(5_{54}) = -v^{-2}z^4t_{-1} - 2v^{-2}z^2t_{-1} + v^{-4}z^2t_{-1} + v^{-4}t_{-1} - v^{-1}z^3t_1t_2 - 2v^{-1}zt_1t_2$
$HSM(\overline{5_{54}}) = -v^2z^4t_{-1}t_1^2 - 2v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + 2vzt_{-1}t_2 + v^4z^2t_1 + v^4t_1$
$HSM(5_{55}) = v^{-3}z^3t_{-1}^2 + v^{-4}z^2t_{-1}t_1t_2 - v^{-3}z^3t_1^2 - v^{-3}zt_1^2 + v^{-2}z^2t_2 + v^{-2}t_2 - v^{-4}z^2t_2$
$HSM(\overline{5_{55}}) = v^3zt_{-1}^2 - v^2z^2t_{-1}t_1t_2 - vz^3t_1^2 - vzt_1^2 + v^2z^2t_2 + z^2t_2 + t_2$
$HSM(5_{56}) = -v^{-3}z^3t_2^2 - 2v^{-3}zt_2^2 - v^{-3}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(\overline{5_{56}}) = -2v^{-3}z^3t_{-1}t_1 - 2v^{-3}zt_{-1}t_1 + vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 + v^{-1}zt_2^2 - 2v^{-1}z^3 - 3v^{-1}z - v^{-1}z^{-1} + 2v^{-3}z^3 + 3v^{-3}z + v^{-3}z^{-1}$
$HSM(5_{57}) = v^3zt_1^2 + vzt_1^2 + v^4t_2$
$HSM(\overline{5_{57}}) = -v^{-1}zt_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}zt_{-1}^2 + v^{-6}t_2$
$HSM(5_{58}) = -v^2z^2t_{-1}t_1^2 - z^2t_{-1}t_1^2 + vzt_{-1}t_2 + v^{-1}zt_{-1}t_2 + v^4t_1$
$HSM(\overline{5_{58}}) = -z^2t_{-1} - v^{-2}z^2t_{-1} + v^{-4}t_{-1} - vzt_1t_2 - v^{-1}zt_1t_2$
$HSM(5_{59}) = v^{-3}zt_{-1}t_1 - z^2t_1^2t_2 - vzt_2^2 - vz^{-1} + v^{-1}z + v^{-1}z^{-1} - v^{-3}z$
$HSM(\overline{5_{59}}) = v^{-6}z^2t_{-1}^2t_2 + v^{-8}z^2t_{-1}^2t_2 - 2v^{-5}z^3t_{-1}t_1 - v^{-5}zt_{-1}t_1 - 2v^{-7}z^3t_{-1}t_1 - 2v^{-7}zt_{-1}t_1 - v^{-3}z^3 - v^{-3}z - v^{-5}z - v^{-5}z^{-1} + v^{-7}z^3 + 2v^{-7}z + v^{-7}z^{-1}$
$HSM(5_{60}) = -z^2t_{-1}t_1^2 - vzt_{-1}t_2 + v^{-2}t_1$
$HSM(\overline{5_{60}}) = -z^2t_{-1}^2t_1 - v^{-2}z^2t_{-1}^2t_1 + v^2t_{-1} + v^{-2}z^2t_{-1} + v^{-1}zt_1t_2$
$HSM(5_{61}) = -vz^3t_{-1}^2t_1^2 + z^2t_{-1}^2t_2 + 2v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{5_{61}}) = v^{-2}z^2t_{-1}^2t_2 - 2v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(5_{62}) = -2v^{-2}z^2t_{-1}^2t_1 + v^{-1}z^3t_{-1}t_1^2t_2 - 2z^2t_{-1} + 3v^{-2}z^2t_{-1} + v^{-2}t_{-1} - vzt_1t_2 - 2v^{-1}z^3t_1t_2$
$HSM(\overline{5_{62}}) = 2v^{-3}z^3t_{-1}t_2 - v^{-5}zt_{-1}t_2 + v^2z^2t_1t_2^2 - z^4t_1 + t_1 - 2v^{-2}z^4t_1 - v^{-2}z^2t_1 - v^{-2}t_1 + v^{-4}z^2t_1 + v^{-4}t_1$
$HSM(5_{63}) = -z^2t_{-1}t_1t_2 + v^{-1}zt_1^2 + v^2t_2$
$HSM(\overline{5_{63}}) = v^{-1}z^3t_{-1}^3t_1 - vzt_{-1}^2 - v^{-1}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-2}z^2t_{-1}t_1t_2 + v^{-1}z^3t_1^2 + v^{-4}t_2$
$HSM(5_{64}) = -v^2z^2t_{-1}^3 + v^{-1}z^3t_{-1}^2t_1t_2 - z^4t_{-1}t_1^2 - vzt_{-1}t_2 - 2v^{-1}z^3t_{-1}t_2 + v^{-1}zt_{-1}t_2 - v^4z^2t_1t_2^2 + v^2z^4t_1 + 2v^2z^2t_1 + 2z^4t_1 - z^2t_1 + t_1$
$HSM(\overline{5_{64}}) = z^4t_{-1}^2t_1 - v^{-2}z^2t_{-1}^2t_1 + z^2t_{-1}t_2^2 - 2v^2z^2t_{-1} - z^4t_{-1} + t_{-1} + v^{-2}z^2t_{-1} - 2vz^3t_1t_2 - vzt_1t_2 + v^{-1}zt_1t_2$
$HSM(5_{65}) = -2v^{-5}z^3t_1^2 - v^{-5}zt_1^2 + v^{-2}z^2t_2^3 + 4v^{-6}z^2t_2 + 3v^{-6}t_2 - 2v^{-8}t_2$
$HSM(\overline{5_{65}}) = -v^{-11}z^3t_{-1}^2t_2^2 - v^{-7}z^7t_{-1}^2 - 5v^{-7}z^5t_{-1}^2 - 7v^{-7}z^3t_{-1}^2 - 4v^{-7}zt_{-1}^2 + v^{-9}zt_{-1}^2 + 4v^{-10}z^4t_{-1}t_1t_2 + 2v^{-10}z^2t_{-1}t_1t_2 - 2v^{-9}z^5t_1^2 - 2v^{-9}z^3t_1^2 - v^{-9}zt_1^2 + 2v^{-8}z^6t_2 + 7v^{-8}z^4t_2 + 6v^{-8}z^2t_2 + v^{-8}t_2 - 2v^{-10}z^4t_2 - 2v^{-10}z^2t_2$
$HSM(5_{66}) = -v^{-1}zt_2^2 - v^{-3}zt_2^2 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(\overline{5_{66}}) = -2v^{-3}zt_{-1}t_1 + v^{-1}z^3t_1^4 + z^2t_1^2t_2 - 2v^{-2}z^2t_1^2t_2 + v^{-3}zt_2^2 - 2v^{-1}z - v^{-1}z^{-1} + 2v^{-3}z + v^{-3}z^{-1}$
$HSM(\overline{5_{67}}) = -v^{-3}z^3t_{-1}^4 - v^{-5}z^3t_{-1}^4 + 2v^{-8}z^2t_{-1}^2t_2 + 3v^{-10}z^2t_{-1}^2t_2 - 4v^{-7}z^3t_{-1}t_1 - v^{-7}zt_{-1}t_1 - 6v^{-9}z^3t_{-1}t_1 - 2v^{-9}zt_{-1}t_1 - v^{-7}zt_2^2 - 2v^{-5}z^3 - v^{-5}z - v^{-7}z^3 - v^{-7}z - v^{-7}z^{-1} + 3v^{-9}z^3 + 2v^{-9}z + v^{-9}z^{-1}$
$HSM(5_{68}) = -v^{-2}z^4t_{-1}^4t_1 + z^2t_{-1}^3 + 3v^{-2}z^4t_{-1}^3 + 3v^{-5}z^3t_{-1}^2t_1t_2 - 6v^{-4}z^4t_{-1}t_1^2 - 2v^{-4}z^2t_{-1}t_1^2 - 2v^{-3}zt_{-1}t_2 - 4v^{-5}z^3t_{-1}t_2 - z^2t_1t_2^2 - 2v^{-2}z^4t_1 + 7v^{-4}z^4t_1 + 3v^{-4}z^2t_1 + v^{-4}t_1$
$HSM(\overline{5_{68}}) = v^2t_{-1} - z^2t_{-1} - t_{-1} + v^{-2}t_{-1}$
$HSM(5_{69}) = -v^{-3}z^3t_1^2 - v^{-3}zt_1^2 + 2v^{-4}z^2t_2 + 2v^{-4}t_2 - v^{-6}t_2$
$HSM(\overline{5_{69}}) = v^{-12}z^4t_{-1}^4t_2 - 4v^{-11}z^5t_{-1}^3t_1 - 2v^{-11}z^3t_{-1}^3t_1 - 2v^{-13}z^3t_{-1}^2t_2^2 - v^{-9}z^9t_{-1}^2 - 8v^{-9}z^7t_{-1}^2 -$

$22v^{-9}z^5t_{-1}^2 - 18v^{-9}z^3t_{-1}^2 - 5v^{-9}zt_{-1}^2 + 6v^{-11}z^5t_{-1}^2 + 6v^{-11}z^3t_{-1}^2 + 2v^{-11}zt_{-1}^2 + 8v^{-12}z^4t_{-1}t_1t_2 + 4v^{-12}z^2t_{-1}t_1t_2 - 4v^{-11}z^5t_1^2 - 4v^{-11}z^3t_1^2 - v^{-11}zt_1^2 + v^{-10}z^8t_2 + 6v^{-10}z^6t_2 + 14v^{-10}z^4t_2 + 10v^{-10}z^2t_2 + 2v^{-10}t_2 - 4v^{-12}z^4t_2 - 4v^{-12}z^2t_2 - v^{-12}t_2$

$HSM(5_{70}) = -v^{-3}z^3t_{-1}^3t_2 + 2v^{-2}z^4t_{-1}^2t_1 + 2v^{-2}z^2t_{-1}t_2^2 - 4z^2t_{-1} - v^{-2}z^4t_{-1} + 2v^{-2}z^2t_{-1} + v^{-2}t_{-1} - 3v^{-1}z^3t_1t_2 - v^{-1}zt_1t_2$

$HSM(\overline{5_{70}}) = -v^4z^2t_{-1}^3 - vz^3t_{-1}t_2 + vzt_{-1}t_2 + v^2z^4t_1 + v^2z^2t_1 + v^2t_1$

$HSM(\overline{5_{71}}) = vz^3t_{-1}^2t_1^2 - z^2t_{-1}^2t_2 - 2vz^3t_{-1}t_1 - vzt_{-1}t_1 - v^4z^2t_1^2t_2 + v^3zt_2^2 - v^3z^3 - 2v^3z + vz^3 + vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$

$HSM(\overline{5_{72}}) = v^{-4}z^4t_{-1}^3t_1^2 - v^{-5}z^3t_{-1}^3t_2 - 2v^{-4}z^4t_{-1}^2t_1 + v^{-4}z^2t_{-1}^2t_1 - 2v^{-3}z^3t_{-1}t_1^2t_2 + 2v^{-4}z^2t_{-1}t_2^2 - 2v^{-2}z^4t_{-1} - 4v^{-2}z^2t_{-1} + 2v^{-4}z^4t_{-1} + v^{-4}z^2t_{-1} + v^{-4}t_{-1} + 2v^{-2}z^4t_1^3 + v^{-2}z^2t_1^3 - v^{-3}z^3t_1t_2 - 2v^{-3}zt_1t_2$

$HSM(5_{73}) = -v^{-9}z^3t_{-1}^3t_1 - v^{-7}z^7t_{-1}^2 - 6v^{-7}z^5t_{-1}^2 - 10v^{-7}z^3t_{-1}^2 - 3v^{-7}zt_{-1}^2 + 3v^{-9}z^3t_{-1}^2 + v^{-9}zt_{-1}^2 + 2v^{-10}z^2t_{-1}t_1t_2 - 2v^{-9}z^3t_1^2 - v^{-9}zt_1^2 + v^{-8}z^6t_2 + 5v^{-8}z^4t_2 + 7v^{-8}z^2t_2 + 2v^{-8}t_2 - 2v^{-10}z^2t_2 - v^{-10}t_2$

$HSM(\overline{5_{73}}) = -v^{-5}z^5t_1^2 - 4v^{-5}z^3t_1^2 - 3v^{-5}zt_1^2 + v^{-7}zt_1^2 + v^{-6}z^4t_2 + 3v^{-6}z^2t_2 + 2v^{-6}t_2 - v^{-8}t_2$

$HSM(\overline{5_{74}}) = -v^{-5}z^5t_{-1}^4 - 2v^{-5}z^3t_{-1}^4 + 3v^{-10}z^4t_{-1}^2t_2 + 5v^{-10}z^2t_{-1}^2t_2 - 6v^{-9}z^5t_{-1}t_1 - 12v^{-9}z^3t_{-1}t_1 - 3v^{-9}zt_{-1}t_1 - v^{-7}z^3t_2^2 - v^{-7}zt_2^2 - 3v^{-7}z^5 - 7v^{-7}z^3 - 4v^{-7}z - v^{-7}z^{-1} + 3v^{-9}z^5 + 7v^{-9}z^3 + 4v^{-9}z + v^{-9}z^{-1}$

$HSM(\overline{5_{75}}) = vzt_{-1}^2 + vz^3t_{-1}t_1^3 - 2z^2t_{-1}t_1t_2 - vz^3t_1^2 - vzt_1^2 + 2z^2t_2 + t_2$

$HSM(\overline{5_{76}}) = z^2t_{-1}^3 - v^{-2}z^4t_{-1}^3 - v^{-2}z^2t_{-1}^3 - 2v^{-3}zt_{-1}t_2 + 2v^{-5}z^3t_{-1}t_2 + v^{-5}zt_{-1}t_2 + 2v^{-2}z^2t_1 + v^{-2}t_1 - 2v^{-4}z^4t_1 - 2v^{-4}z^2t_1$

$HSM(\overline{5_{77}}) = -v^{-1}z^3t_{-1}^4 - v^{-6}z^4t_{-1}^2t_2 + 2v^{-6}z^2t_{-1}^2t_2 + 2v^{-5}z^5t_{-1}t_1 - 3v^{-5}z^3t_{-1}t_1 - 2v^{-5}zt_{-1}t_1 + v^{-3}z^3t_2^2 + v^{-3}z^5 - v^{-3}z^3 - v^{-3}z - v^{-3}z^{-1} - v^{-5}z^5 + v^{-5}z^3 + v^{-5}z + v^{-5}z^{-1}$

$HSM(\overline{5_{78}}) = z^2t_{-1}^2t_1 - 2z^2t_{-1} + v^{-2}t_{-1} - vzt_1t_2$

$HSM(5_{79}) = v^5zt_{-1}^2 + v^4z^2t_2 + v^2z^2t_2 + v^2t_2$

$HSM(\overline{5_{79}}) = -v^{-5}z^3t_{-1}^3t_1 - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 + 2v^{-5}z^3t_{-1}^2 + 2v^{-6}z^2t_{-1}t_1t_2 - 2v^{-5}z^3t_1^2 - v^{-5}zt_1^2 + v^{-4}z^2t_2 + v^{-4}t_2 - v^{-6}z^2t_2$

$HSM(5_{80}) = -v^{-5}z^3t_{-1}t_1 - 2v^{-5}zt_{-1}t_1 - v^{-3}z^3 - 3v^{-3}z - v^{-3}z^{-1} + v^{-5}z^3 + 3v^{-5}z + v^{-5}z^{-1}$

$HSM(\overline{5_{80}}) = -v^{-3}z^3t_{-1}t_1 + vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 - v^{-1}z^3t_2^2 - v^{-1}zt_2^2 - v^{-1}z^3 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z^3 + v^{-3}z + v^{-3}z^{-1}$

$HSM(5_{81}) = v^3zt_2^2 - v^3z - v^3z^{-1} + vz + vz^{-1}$

$HSM(\overline{5_{81}}) = -v^{-5}z^5t_{-1}^4 - 2v^{-5}z^3t_{-1}^4 + 3v^{-10}z^4t_{-1}^2t_2 + 5v^{-10}z^2t_{-1}^2t_2 - 6v^{-9}z^5t_{-1}t_1 - 12v^{-9}z^3t_{-1}t_1 - 2v^{-9}zt_{-1}t_1 - v^{-7}z^3t_2^2 - 2v^{-7}zt_2^2 - 3v^{-7}z^5 - 7v^{-7}z^3 - 3v^{-7}z - v^{-7}z^{-1} + 3v^{-9}z^5 + 7v^{-9}z^3 + 3v^{-9}z + v^{-9}z^{-1}$

$HSM(5_{82}) = vzt_2^2 - v^3z^{-1} + vz^{-1}$

$HSM(\overline{5_{82}}) = -v^{-3}z^3t_{-1}^4 - v^{-5}z^3t_{-1}^4 + 2v^{-8}z^2t_{-1}^2t_2 + 3v^{-10}z^2t_{-1}^2t_2 - 4v^{-7}z^3t_{-1}t_1 - 6v^{-9}z^3t_{-1}t_1 - 2v^{-9}zt_{-1}t_1 - v^{-5}zt_2^2 - v^{-7}zt_2^2 - 2v^{-5}z^3 - v^{-7}z^3 - 2v^{-7}z - v^{-7}z^{-1} + 3v^{-9}z^3 + 2v^{-9}z + v^{-9}z^{-1}$

$HSM(5_{83}) = z^4t_{-1}t_1^2 - v^{-1}z^3t_{-1}t_2 + v^{-1}zt_{-1}t_2 + v^5z^3t_1^3t_2 - 2v^4z^2t_1t_2^2 + v^2z^6t_1 + 5v^2z^4t_1 + 4v^2z^2t_1 + v^2t_1 - z^4t_1 - 3z^2t_1$

$HSM(\overline{5_{83}}) = -2z^2t_{-1} + v^{-2}t_{-1} + v^2z^2t_1^3 + vz^3t_1t_2 - vzt_1t_2$

$HSM(5_{84}) = -v^{-5}zt_{-1}^2 - v^{-3}z^3t_1^2 - v^{-3}zt_1^2 + 2v^{-4}z^2t_2 + v^{-4}t_2$

$HSM(\overline{5_{84}}) = v^{-12}z^4t_{-1}^4t_2 - 4v^{-11}z^5t_{-1}^3t_1 - 2v^{-11}z^3t_{-1}^3t_1 - 2v^{-13}z^3t_{-1}^2t_2^2 - v^{-9}z^9t_{-1}^2 - 8v^{-9}z^7t_{-1}^2 - 22v^{-9}z^5t_{-1}^2 - 18v^{-9}z^3t_{-1}^2 - 6v^{-9}zt_{-1}^2 + 6v^{-11}z^5t_{-1}^2 + 6v^{-11}z^3t_{-1}^2 + 3v^{-11}zt_{-1}^2 + 8v^{-12}z^4t_{-1}t_1t_2 + 2v^{-12}z^2t_{-1}t_1t_2 + v^{-9}z^5t_1^2 - 4v^{-11}z^5t_1^2 - 2v^{-11}z^3t_1^2 + v^{-6}z^2t_2^3 + v^{-10}z^8t_2 + 6v^{-10}z^6t_2 + 11v^{-10}z^4t_2 + 8v^{-10}z^2t_2 + 3v^{-10}t_2 - 4v^{-12}z^4t_2 - 2v^{-12}z^2t_2 - 2v^{-12}t_2$

$HSM(\overline{5_{85}}) = -v^{-5}z^5t_{-1}^6 + 5v^{-14}z^4t_{-1}^4t_2 - 20v^{-13}z^5t_{-1}^3t_1 - 4v^{-13}z^3t_{-1}^3t_1 - 6v^{-15}z^3t_{-1}^2t_2^2 - 5v^{-11}z^9t_{-1}^2 - 30v^{-11}z^7t_{-1}^2 - 64v^{-11}z^5t_{-1}^2 - 29v^{-11}z^3t_{-1}^2 - 6v^{-11}zt_{-1}^2 + 30v^{-13}z^5t_{-1}^2 + 12v^{-13}z^3t_{-1}^2 + 3v^{-13}zt_{-1}^2 + 24v^{-14}z^4t_{-1}t_1t_2 + 6v^{-14}z^2t_{-1}t_1t_2 + v^{-11}z^5t_1^2 - 12v^{-13}z^5t_1^2 - 6v^{-13}z^3t_1^2 - v^{-13}zt_1^2 + v^{-8}z^2t_2^3 + 5v^{-12}z^8t_2 + 16v^{-12}z^6t_2 + 27v^{-12}z^4t_2 + 14v^{-12}z^2t_2 + 3v^{-12}t_2 - 12v^{-14}z^4t_2 - 6v^{-14}z^2t_2 - 2v^{-14}t_2$

$HSM(5_{86}) = v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz - 2vz^{-1} + 2v^{-1}z + 3v^{-1}z^{-1} - v^{-3}z - v^{-3}z^{-1}$

$HSM(\overline{5_{86}}) = -vz^3t_{-1}t_1 - vzt_{-1}t_1 + v^3z + v^3z^{-1} - 2vz - 3vz^{-1} + v^{-1}z + 2v^{-1}z^{-1}$

$HSM(5_{87}) = v^5zt_1^2 + v^3zt_1^2 + v^4z^2t_2 + v^4t_2 + v^2z^2t_2$

$HSM(\overline{5_{87}}) = -v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - 2v^{-5}zt_{-1}^2 + v^{-4}z^2t_2 + v^{-6}z^2t_2 + v^{-6}t_2$

$HSM(\overline{5_{88}}) = -v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - v^{-5}zt_{-1}^2 + v^{-4}z^2t_2 + v^{-4}t_2 + v^{-6}z^2t_2$

$HSM(5_{89}) = v^3z^3t_{-1}t_1 + v^3zt_{-1}t_1 + v^7z^{-1} - 2v^5z - 3v^5z^{-1} + 2v^3z + 2v^3z^{-1}$
$HSM(\overline{5_{89}}) = -v^{-3}z^3t_{-1}t_1 - v^{-3}zt_{-1}t_1 - 2v^{-3}z - 2v^{-3}z^{-1} + 2v^{-5}z + 3v^{-5}z^{-1} - v^{-7}z^{-1}$
$HSM(5_{90}) = v^5zt_{-1}t_1 + v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z^{-1} + vz$
$HSM(5_{91}) = v^5zt_{-1}t_1 - v^5z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{5_{91}}) = -v^{-5}zt_{-1}t_1 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z^{-1} + v^{-5}z$
$HSM(5_{92}) = v^3zt_{-1}t_2 - v^6t_1 + v^4z^2t_1 + 2v^4t_1 + v^2z^2t_1$
$HSM(\overline{5_{92}}) = v^{-4}z^2t_{-1}^2t_1 + v^{-2}z^2t_{-1} + 2v^{-4}t_{-1} - v^{-6}t_{-1} - v^{-3}zt_1t_2$
$HSM(5_{93}) = v^5z^3t_1^2 + 2v^5zt_1^2 + v^4z^4t_2 + 3v^4z^2t_2 + v^4t_2$
$HSM(\overline{5_{93}}) = -v^{-5}z^5t_{-1}^2 - 4v^{-5}z^3t_{-1}^2 - 3v^{-5}zt_{-1}^2 + v^{-6}z^4t_2 + 3v^{-6}z^2t_2 + v^{-6}t_2$
$HSM(5_{94}) = v^5z^3t_{-1}t_1 + 2v^5zt_{-1}t_1 - v^5z^3 - 3v^5z - v^5z^{-1} + v^3z^3 + 3v^3z + v^3z^{-1}$
$HSM(5_{95}) = v^5z^3t_{-1}t_1 + v^5zt_{-1}t_1 + v^7z^{-1} - v^5z^3 - 3v^5z - 3v^5z^{-1} + v^3z^3 + 3v^3z + 2v^3z^{-1}$
$HSM(\overline{5_{95}}) = -v^{-5}z^3t_{-1}t_1 - v^{-5}zt_{-1}t_1 - v^{-3}z^3 - 3v^{-3}z - 2v^{-3}z^{-1} + v^{-5}z^3 + 3v^{-5}z + 3v^{-5}z^{-1} - v^{-7}z^{-1}$

Knots in $L(5,1)$

$HSM(0_1) = t_1$
$HSM(1_1) = t_2$
$HSM(\overline{1_1}) = v^{-2}t_{-2} - v^{-1}zt_{-1}^2$
$HSM(2_1) = vzt_{-1}t_1 - v^3z^{-1} + vz^{-1}$
$HSM(\overline{2_1}) = -v^{-1}zt_{-1}t_1 - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(*2_2) = v^{-2}t_{-2} - v^{-1}zt_1t_2$
$HSM(\overline{2_3}) = -2v^{-3}zt_{-2}t_{-1} + v^{-2}z^2t_{-1}^3 + v^{-4}t_2$
$HSM(3_1) = vzt_{-1}t_2 + v^2t_1$
$HSM(\overline{3_1}) = -v^{-3}zt_{-2}t_1 + v^{-2}z^2t_{-1}^2t_1 + v^{-2}t_{-1}$
$HSM(3_2) = -v^{-3}zt_{-2}^2 + v^{-2}z^2t_{-2}t_{-1}^2 - v^{-5}zt_{-1}t_2 + v^{-4}z^2t_1 + v^{-4}t_1$
$HSM(\overline{3_2}) = -v^{-3}zt_{-2}t_1 + v^{-2}z^2t_{-1} + v^{-2}t_{-1}$
$HSM(3_3) = vzt_1^2 + v^2t_2$
$HSM(\overline{3_3}) = v^{-4}t_{-2} - v^{-1}zt_{-1}^2 - v^{-3}zt_{-1}^2$
$HSM(3_4) = -z^2t_{-1}t_1^2 + v^{-1}zt_{-1}t_2 + v^2t_1$
$HSM(\overline{3_4}) = -v^{-1}zt_{-2}t_1 + v^{-2}t_{-1}$
$HSM(3_5) = v^{-2}t_{-1} - v^{-1}zt_2^2$
$HSM(\overline{3_5}) = v^{-2}z^2t_{-2}t_{-1}^2 - 2v^{-5}zt_{-1}t_2 + 2v^{-4}z^2t_1 + v^{-4}t_1$
$HSM(3_6) = t_{-1}$
$HSM(\overline{3_6}) = -v^{-5}zt_{-2}^2 + 3v^{-4}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4 - 2v^{-7}zt_{-1}t_2 + 2v^{-6}z^2t_1 + v^{-6}t_1$
$HSM(3_7) = v^3zt_1^2 + v^2z^2t_2 + v^2t_2$
$HSM(\overline{3_7}) = v^{-4}z^2t_{-2} + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^2 - 2v^{-3}zt_{-1}^2$
$HSM(3_8) = v^3zt_{-1}t_1 - v^3z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{3_8}) = -v^{-3}zt_{-1}t_1 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z + v^{-3}z^{-1}$
$HSM(4_1) = v^3zt_{-2}t_{-1} + v^2z^2t_2 + v^2t_2$
$HSM(\overline{4_1}) = 2v^{-4}z^2t_{-2}t_{-1}t_1 - v^{-4}z^2t_{-2} + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^3t_1 - v^{-3}zt_{-1}^2 - v^{-3}zt_1t_2$
$HSM(4_2) = 2v^{-4}z^2t_{-2}^2t_{-1} - v^{-3}z^3t_{-2}t_{-1}^3 - 2v^{-9}zt_{-2}t_2 + v^{-8}z^2t_{-1}^2t_2 - v^{-7}zt_{-1}t_1 - v^{-5}z^3 - 5v^{-5}z - v^{-5}z^{-1} + v^{-7}z^3 + 5v^{-7}z + v^{-7}z^{-1}$
$HSM(4_3) = v^2z^2t_{-1}t_1^2 - v^4t_1 + 2v^2t_1$
$HSM(\overline{4_3}) = v^{-2}z^2t_{-1}^2t_1 + 2v^{-2}t_{-1} - v^{-4}t_{-1}$
$HSM(4_4) = vzt_{-2}t_{-1} - z^2t_{-1}t_1t_2 - vzt_1^2 + z^2t_2 + t_2$
$HSM(\overline{4_4}) = v^{-2}z^2t_{-2}t_{-1}t_1 - v^{-2}z^2t_{-2} + v^{-2}t_{-2} - v^{-1}zt_1t_2$
$HSM(4_5) = -2v^{-7}zt_{-2}t_2 + 2v^{-5}z^3t_{-1}t_1 + v^{-2}z^2t_1t_2^2 - 4v^{-3}z - v^{-3}z^{-1} + 4v^{-5}z + v^{-5}z^{-1}$
$HSM(\overline{4_5}) = v^{-6}z^2t_{-2}t_1^2 - 2v^{-5}z^3t_{-1}t_1 - 2v^{-5}zt_{-1}t_1 - v^{-3}z^3 - 2v^{-3}z - v^{-3}z^{-1} + v^{-5}z^3 + 2v^{-5}z + v^{-5}z^{-1}$
$HSM(4_6) = v^3z^3t_{-1}t_1 + 2v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z + v^3z^{-1}$

$HSM(\overline{4_6}) = -v^{-3}z^3t_{-1}t_1 - 2v^{-3}zt_{-1}t_1 - v^{-3}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(4_7) = v^3zt_{-1}t_2 + v^2z^2t_1 + v^2t_1$
$HSM(\overline{4_7}) = -v^{-5}zt_{-2}t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-2}z^2t_{-1} + v^{-2}t_{-1}$
$HSM(4_8) = -v^{-3}z^3t_{-2}t_{-1} - 2v^{-3}zt_{-2}t_{-1} + v^{-4}z^2t_2 + v^{-4}t_2$
$HSM(\overline{4_8}) = z^2t_{-2} + t_{-2} - v^2z^2t_1^3 - vz^3t_1t_2$
$HSM(4_9) = v^{-2}z^2t_{-2} + v^{-2}t_{-2} - v^{-3}zt_{-1}^2$
$HSM(\overline{4_9}) = v^3zt_1^2 - vz^3t_1^2 - vzt_1^2 + z^2t_2 + t_2$
$HSM(4_{10}) = v^3zt_{-1}t_1 + vzt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{4_{10}}) = -v^{-1}zt_{-1}t_1 - v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(4_{11}) = t_{-2} - z^2t_1^3 - vzt_1t_2 + v^{-1}zt_1t_2$
$HSM(\overline{4_{11}}) = -v^{-1}zt_{-2}t_{-1} - v^{-3}zt_{-2}t_{-1} + v^{-4}t_2$
$HSM(4_{12}) = vzt_{-2}t_{-1} - z^2t_{-1}t_1t_2 + v^2t_2 + z^2t_2$
$HSM(\overline{4_{12}}) = v^{-2}z^2t_{-2}t_{-1}t_1 - v^{-2}z^2t_{-2} + v^{-4}t_{-2} - v^{-3}zt_{-1}^2 - v^{-1}zt_1t_2$
$HSM(*4_{13}) = -z^2t_{-1}t_1^2 + v^2t_1 - t_1 + v^{-2}t_1$
$HSM(*4_{14}) = -v^{-7}zt_{-2}t_2 + v^{-5}z^3t_{-1}t_1 - v^{-5}zt_{-1}t_1 + v^{-2}z^2t_1t_2^2 - 3v^{-3}z - v^{-3}z^{-1} + 3v^{-5}z + v^{-5}z^{-1}$
$HSM(4_{15}) = -v^{-1}zt_{-2}t_2 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(\overline{4_{15}}) = -v^{-2}z^2t_{-2}t_1^2 + v^{-3}zt_{-2}t_2 + v^{-1}z^3t_{-1}^2t_1^2 - v^{-2}z^2t_{-1}^2t_2 - vzt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(4_{16}) = v^2t_{-2} + vzt_1t_2$
$HSM(\overline{4_{16}}) = -v^{-3}zt_{-2}t_{-1} - 2v^{-5}zt_{-2}t_{-1} + v^{-2}z^2t_{-1}^3 + v^{-4}z^2t_{-1}^3 + v^{-6}t_2$
$HSM(4_{17}) = v^{-1}zt_{-2}t_{-1} + v^{-1}z^3t_{-1}t_1^3 - 2v^{-2}z^2t_{-1}t_1t_2 - vzt_1^2 + t_2 + v^{-2}z^2t_2$
$HSM(\overline{4_{17}}) = -vzt_{-2}t_{-1} - z^2t_2 + v^{-2}t_2$
$HSM(4_{18}) = -v^{-5}zt_{-2}t_2 + v^{-3}z^3t_{-1}t_1 - 2v^{-1}z - v^{-1}z^{-1} + 2v^{-3}z + v^{-3}z^{-1}$
$HSM(\overline{4_{18}}) = v^{-4}z^2t_{-2}^2t_{-1} - v^{-3}z^3t_{-2}t_{-1}^3 - v^{-9}zt_{-2}t_2 + 2v^{-8}z^2t_{-1}^2t_2 - 3v^{-7}z^3t_{-1}t_1 - 2v^{-7}zt_{-1}t_1 - 2v^{-5}z^3 - 4v^{-5}z - v^{-5}z^{-1} + 2v^{-7}z^3 + 4v^{-7}z + v^{-7}z^{-1}$
$HSM(4_{19}) = v^{-2}z^2t_{-2}t_1^2 - v^{-3}zt_{-2}t_2 - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(\overline{4_{19}}) = -z^2t_{-2}t_1^2 + v^{-1}zt_{-2}t_2 - v^3z^{-1} + vz^{-1}$
$HSM(4_{20}) = vzt_{-2}t_2 + v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{4_{20}}) = v^{-4}z^2t_{-2}t_1^2 - v^{-5}zt_{-2}t_2 - v^{-3}z^3t_{-1}^2t_1^2 + v^{-4}z^2t_{-1}^2t_2 - v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(*4_{21}) = v^{-6}z^2t_{-2}t_1^2 - v^{-7}zt_{-2}t_2 - v^{-5}z^3t_{-1}t_1 - v^{-5}zt_{-1}t_1 - v^{-3}z^3 - 3v^{-3}z - v^{-3}z^{-1} + v^{-5}z^3 + 3v^{-5}z + v^{-5}z^{-1}$
$HSM(\overline{4_{22}}) = -2v^{-5}z^3t_{-2}t_{-1} - 3v^{-5}zt_{-2}t_{-1} + v^{-4}z^4t_{-1}^3 + 2v^{-4}z^2t_{-1}^3 + v^{-6}z^2t_2 + v^{-6}t_2$
$HSM(\overline{4_{23}}) = -v^2z^2t_{-1}t_1^2 + vzt_{-1}t_2 + v^2z^2t_1 + v^2t_1$
$HSM(\overline{4_{24}}) = 3v^{-6}z^2t_{-2}^2t_{-1} - 4v^{-5}z^3t_{-2}t_{-1}^3 - 2v^{-11}zt_{-2}t_2 + v^{-4}z^4t_{-1}^5 + 3v^{-10}z^2t_{-1}^2t_2 - 4v^{-9}z^3t_{-1}t_1 - 2v^{-9}zt_{-1}t_1 - 3v^{-7}z^3 - 6v^{-7}z - v^{-7}z^{-1} + 3v^{-9}z^3 + 6v^{-9}z + v^{-9}z^{-1}$
$HSM(4_{25}) = v^{-1}zt_{-1}t_1 - v^3z^{-1} + vz + vz^{-1} - v^{-1}z$
$HSM(\overline{4_{25}}) = -vzt_{-1}t_1 + vz - v^{-1}z - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(4_{26}) = -vzt_1^2 - z^2t_2 + v^{-2}t_2$
$HSM(\overline{4_{26}}) = -vzt_1^2 + v^{-1}z^3t_1^2 + v^{-1}zt_1^2 + t_2 - v^{-2}z^2t_2$
$HSM(*4_{27}) = -v^{-2}z^2t_{-2} + v^{-2}t_{-2} + z^2t_1^3 + v^{-1}z^3t_1t_2 - v^{-1}zt_1t_2$
$HSM(5_1) = v^4z^2t_{-1}t_1^2 + v^3z^3t_{-1}t_2 + v^3zt_{-1}t_2 - v^6t_1 + v^4z^2t_1 + 2v^4t_1$
$HSM(\overline{5_1}) = -v^{-5}z^3t_{-2}t_1 - v^{-5}zt_{-2}t_1 + v^{-4}z^4t_{-1}^2t_1 + 2v^{-4}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1} + 2v^{-4}t_{-1} - v^{-6}t_{-1}$
$HSM(5_2) = v^3zt_{-2}t_{-1} - v^2z^2t_{-1}t_1t_2 + 2v^2z^2t_2 + v^2t_2$
$HSM(\overline{5_2}) = v^{-4}z^2t_{-2}t_{-1}t_1 + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-3}zt_1t_2$
$HSM(5_3) = -v^{-2}z^2t_{-1}^2t_1 + t_{-1} + v^{-2}z^2t_{-1}$
$HSM(\overline{5_3}) = -v^2z^2t_{-1}t_1^2 + v^2z^2t_1 + t_1$
$HSM(5_4) = -v^{-5}z^3t_{-2}^2 - v^{-5}zt_{-2}^2 + v^{-4}z^4t_{-2}t_{-1}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2 - v^{-7}z^3t_{-1}t_2 - 2v^{-7}zt_{-1}t_2 + v^{-6}z^4t_1 + 3v^{-6}z^2t_1 + v^{-6}t_1$
$HSM(\overline{5_4}) = -v^{-1}z^3t_{-2}t_1 + z^4t_{-1} + z^2t_{-1} + t_{-1} - v^2z^2t_1^2t_2$
$HSM(\overline{5_5}) = v^{-6}z^2t_{-2}^2t_1 - 3v^{-5}z^3t_{-2}t_{-1}^2t_1 + 2v^{-5}z^3t_{-2}t_{-1} - 2v^{-5}zt_{-2}t_{-1} + v^{-4}z^4t_{-1}^4t_1 + v^{-4}z^2t_{-1}^3 + 2v^{-6}z^2t_{-1}t_1t_2 - 2v^{-5}z^3t_1^2 - v^{-5}zt_1^2 - v^{-6}z^2t_2 + v^{-6}t_2$

$HSM(5_6) = v^{-6}z^2t_{-2}^3 - 3v^{-5}z^3t_{-2}^2t_{-1}^2 + v^{-4}z^4t_{-2}t_{-1}^4 + 4v^{-12}z^2t_{-2}t_{-1}t_2 - 4v^{-11}z^3t_{-2}t_1 - 2v^{-11}zt_{-2}t_1 - v^{-11}z^3t_{-1}^3t_2 - v^{-10}z^4t_{-1}^2t_1 + v^{-10}z^2t_{-1}^2t_1 + v^{-8}z^6t_{-1} + 8v^{-8}z^4t_{-1} + 14v^{-8}z^2t_{-1} + 2v^{-8}t_{-1} + v^{-10}z^4t_{-1} - 8v^{-10}z^2t_{-1} - v^{-10}t_{-1} - v^{-9}zt_2^2$

$HSM(\overline{5_6}) = v^{-2}z^2t_1 + 2v^{-2}t_1 - v^{-4}t_1$

$HSM(5_7) = v^2z^2t_{-1}^2t_2 + 2v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$

$HSM(\overline{5_7}) = v^{-4}z^2t_{-2}t_1^2 - v^{-3}z^3t_{-1}^2t_1^2 - 2v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$

$HSM(5_8) = -z^2t_{-2}t_{-1}t_1 + z^2t_{-2} + t_{-2} + vz^3t_{-1}^2 + vzt_{-1}^2 - vz^3t_1t_2 - vzt_1t_2$

$HSM(\overline{5_8}) = v^{-4}z^2t_{-2}^2t_1 - v^{-3}z^3t_{-2}t_{-1}^2t_1 + v^{-3}z^3t_{-2}t_{-1} - v^{-3}zt_{-2}t_{-1} + v^{-4}z^2t_{-1}t_1t_2 - v^{-3}z^3t_1^2 - v^{-3}zt_1^2 - v^{-4}z^2t_2 + v^{-4}t_2$

$HSM(5_9) = v^{-4}z^2t_{-2}^3 - v^{-3}z^3t_{-2}^2t_{-1}^2 + 2v^{-10}z^2t_{-2}t_{-1}t_2 - 2v^{-9}z^3t_{-2}t_1 - 2v^{-9}zt_{-2}t_1 - 2v^{-8}z^4t_{-1}^2t_1 + 2v^{-6}z^4t_{-1} + 7v^{-6}z^2t_{-1} + v^{-6}t_{-1} + 2v^{-8}z^4t_{-1} - 2v^{-8}z^2t_{-1} - v^{-7}zt_2^2$

$HSM(\overline{5_9}) = v^{-6}z^2t_{-1}t_1^2 + v^{-4}z^4t_1 + 4v^{-4}z^2t_1 + 3v^{-4}t_1 - 2v^{-6}z^2t_1 - 2v^{-6}t_1$

$HSM(5_{10}) = v^2z^2t_{-1}t_1^2 + v^3zt_{-1}t_2 + v^2t_1$

$HSM(\overline{5_{10}}) = -v^{-5}zt_{-2}t_1 + v^{-2}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-2}t_{-1}$

$HSM(5_{11}) = -vz^3t_{-1}t_1^3 + z^2t_{-1}t_1t_2 + v^3zt_1^2 - vzt_1^2 + t_2$

$HSM(\overline{5_{11}}) = v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-2}t_{-2} - v^{-3}zt_{-1}^2$

$HSM(5_{12}) = z^2t_{-2} + t_{-2} + vzt_{-1}^2 - z^2t_{-1}t_2^2 - vzt_1t_2$

$HSM(\overline{5_{12}}) = -v^{-3}z^3t_{-2}t_{-1}^2t_1 + 2v^{-3}z^3t_{-2}t_{-1} - v^{-3}zt_{-2}t_{-1} + 2v^{-4}z^2t_{-1}t_1t_2 - 2v^{-3}z^3t_1^2 - v^{-3}zt_1^2 - v^{-4}z^2t_2 + v^{-4}t_2$

$HSM(5_{13}) = -z^2t_{-1}^2t_2 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$

$HSM(\overline{5_{13}}) = -v^{-2}z^2t_{-2}t_1^2 + v^{-1}z^3t_{-1}^2t_1^2 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$

$HSM(5_{14}) = -v^{-2}z^2t_{-2}t_{-1}t_1 + t_{-2} + v^{-2}z^2t_{-2} + v^{-1}z^3t_{-1}^2 + v^{-1}zt_{-1}^2 + v^{-1}z^3t_{-1}t_1^2t_2 - v^{-2}z^2t_{-1}t_2^2 - vzt_1t_2 - v^{-1}z^3t_1t_2$

$HSM(\overline{5_{14}}) = v^{-1}z^3t_{-2}t_{-1} - v^{-3}zt_{-2}t_{-1} + v^{-2}z^2t_{-1}t_1t_2 - v^{-1}z^3t_1^2 - v^{-1}zt_1^2 - v^{-2}z^2t_2 + v^{-4}t_2$

$HSM(5_{15}) = -v^{-3}z^3t_{-2}^2t_{-1}^2 + 3v^{-10}z^2t_{-2}t_{-1}t_2 - 3v^{-9}z^3t_{-2}t_1 - v^{-9}zt_{-2}t_1 - 3v^{-8}z^4t_{-1}^2t_1 + 3v^{-6}z^4t_{-1} + 9v^{-6}z^2t_{-1} + 2v^{-6}t_{-1} + 3v^{-8}z^4t_{-1} - 5v^{-8}z^2t_{-1} - v^{-8}t_{-1} - v^{-7}zt_2^2$

$HSM(\overline{5_{15}}) = v^{-8}z^2t_{-2}t_1t_2 - v^{-6}z^4t_{-1}t_1^2 - v^{-7}z^3t_{-1}t_2 - v^{-7}zt_{-1}t_2 + v^{-4}z^4t_1 + 4v^{-4}z^2t_1 + 2v^{-4}t_1 + v^{-6}z^4t_1 - v^{-6}z^2t_1 - v^{-6}t_1$

$HSM(5_{16}) = v^{-2}z^2t_{-2}t_{-1}t_2 - v^{-1}z^3t_{-2}t_1 - 2z^2t_{-1} + v^{-2}t_{-1} - vzt_2^2$

$HSM(\overline{5_{16}}) = vzt_{-2}^2 - v^2z^2t_{-2}t_{-1}^2 - v^{-2}z^2t_{-2}t_1t_2 + v^{-1}z^3t_{-1}^2t_1t_2 - v^{-1}z^3t_{-1}t_2 + v^2t_1 + z^4t_1 + 2z^2t_1$

$HSM(5_{17}) = -v^{-5}zt_{-2}^2 + v^{-2}z^2t_{-2}t_{-1}^2 + v^{-4}z^2t_{-2}t_{-1}^2 - v^{-5}zt_{-1}t_2 - v^{-7}zt_{-1}t_2 + v^{-4}z^2t_1 + v^{-6}z^2t_1 + v^{-6}t_1$

$HSM(\overline{5_{17}}) = -v^{-1}zt_{-2}t_1 + v^{-3}zt_{-2}t_1 + z^2t_{-1} + t_{-1} - v^{-2}z^2t_{-1} - z^2t_1^2t_2$

$HSM(5_{18}) = v^2z^2t_{-1}t_1t_2 + v^3zt_1^2 + v^2t_2$

$HSM(\overline{5_{18}}) = v^{-4}z^2t_{-2}t_{-1}t_1 + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^3t_1 - 2v^{-3}zt_{-1}^2$

$HSM(5_{19}) = -v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-2}z^2t_{-2} + v^{-2}t_{-2} + v^{-1}z^3t_{-1}^2 + v^{-1}zt_{-1}^2 + v^{-1}z^3t_{-1}t_1^2t_2 - v^{-2}z^2t_{-1}t_2^2 + z^2t_1^3 - v^{-1}z^3t_1t_2 - 2v^{-1}zt_1t_2$

$HSM(\overline{5_{19}}) = v^{-1}z^3t_{-2}t_{-1} + v^{-2}z^2t_{-1}t_1t_2 - v^{-1}z^3t_1^2 - v^{-1}zt_1^2 - v^{-2}z^2t_2 + v^{-2}t_2$

$HSM(5_{20}) = -v^{-5}zt_{-2}^2 + v^{-8}z^2t_{-2}t_1t_2 - v^{-6}z^4t_{-1}t_1^2 - v^{-7}z^3t_{-1}t_2 - v^{-7}zt_{-1}t_2 + v^{-4}z^4t_1 + 4v^{-4}z^2t_1 + v^{-4}t_1 + v^{-6}z^4t_1 - v^{-6}z^2t_1$

$HSM(\overline{5_{20}}) = v^{-10}z^2t_{-2}t_{-1}t_2 - v^{-9}z^3t_{-2}t_1 - v^{-9}zt_{-2}t_1 - v^{-9}z^3t_{-1}^3t_2 + 2v^{-8}z^4t_{-1}^2t_1 + 2v^{-8}z^2t_{-1}^2t_1 + v^{-6}z^6t_{-1} + 6v^{-6}z^4t_{-1} + 9v^{-6}z^2t_{-1} + 3v^{-6}t_{-1} - 2v^{-8}z^4t_{-1} - 5v^{-8}z^2t_{-1} - 2v^{-8}t_{-1}$

$HSM(5_{21}) = -v^{-3}z^3t_{-2}t_{-1}t_1^2 + v^{-4}z^2t_{-2}t_{-1}t_2 + v^{-3}z^3t_{-2}t_1 - v^{-3}zt_{-2}t_1 - v^{-2}z^4t_{-1} - 2v^{-2}z^2t_{-1} + v^{-4}t_{-1} + z^2t_1^2t_2 - v^{-1}zt_2^2$

$HSM(\overline{5_{21}}) = v^3zt_{-2}^2 - z^2t_{-2}t_1t_2 - v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + vzt_{-1}t_2 + v^4t_1 + 2v^2z^2t_1$

$HSM(5_{22}) = -vzt_{-2}t_{-1} + v^{-1}zt_1^2 - z^2t_2 + t_2$

$HSM(\overline{5_{22}}) = -2v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-2}z^2t_{-2} + v^{-2}t_{-2} + v^{-1}z^3t_{-1}^3t_1 - vzt_{-1}^2 - v^{-1}zt_{-1}^2 + v^{-1}zt_1t_2$

$HSM(5_{23}) = v^{-3}zt_{-2}t_1 - v^{-2}z^2t_{-1}^2t_1 + 2t_{-1} - v^{-2}t_{-1}$

$HSM(\overline{5_{23}}) = -vzt_{-1}t_2 - v^2t_1 + 2t_1$

$HSM(5_{24}) = v^{-1}zt_{-2}t_1 - z^2t_{-1} + t_{-1} - vzt_2^2$

$HSM(\overline{5_{24}}) = 3v^{-4}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4 - 3v^{-7}zt_{-1}t_2 + 3v^{-6}z^2t_1 + v^{-6}t_1$

$HSM(5_{25}) = v^5zt_{-2}t_{-1} + v^3z^3t_1^2 + v^3zt_1^2 + 2v^4z^2t_2 + v^4t_2$
$HSM(\overline{5_{25}}) = 2v^{-6}z^2t_{-2}t_{-1}t_1 + v^{-6}t_{-2} - v^{-5}z^3t_{-1}^3t_1 - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - v^{-5}zt_{-1}^2 - v^{-5}zt_1t_2$
$HSM(5_{26}) = -v^2z^4t_{-1}t_1^2 - v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + vzt_{-1}t_2 + v^4z^2t_1 + v^2t_1$
$HSM(\overline{5_{26}}) = -v^{-3}z^3t_{-2}t_1 - v^{-3}zt_{-2}t_1 + v^{-2}t_{-1} + v^{-4}z^2t_{-1}$
$HSM(5_{27}) = -v^2z^4t_{-1}t_1^2 - v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + vzt_{-1}t_2 + v^4z^2t_1 + v^2t_1$
$HSM(\overline{5_{27}}) = -v^{-3}z^3t_{-2}t_1 - v^{-3}zt_{-2}t_1 + v^{-2}t_{-1} + v^{-4}z^2t_{-1}$
$HSM(5_{28}) = -v^{-3}z^3t_{-2}^2 - v^{-3}zt_{-2}^2 - v^{-5}zt_{-1}t_2 + 2v^{-4}z^2t_1 + v^{-4}t_1$
$HSM(\overline{5_{28}}) = -2v^{-3}z^3t_{-2}t_1 - v^{-3}zt_{-2}t_1 + 2v^{-2}z^4t_{-1} + 2v^{-2}z^2t_{-1} + v^{-2}t_{-1} + vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2$
$HSM(5_{29}) = -vz^3t_{-1}t_1 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 + v^3z - vz - vz^{-1} + v^{-1}z^{-1}$
$HSM(\overline{5_{29}}) = -vzt_{-1}t_1 + v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z + v^{-1}z^{-1} - v^{-3}z$
$HSM(5_{30}) = -vzt_{-1}t_2 - z^2t_1 + v^{-2}t_1$
$HSM(\overline{5_{30}}) = v^{-3}zt_{-2}t_1 - v^{-2}z^2t_{-1}^2t_1 + v^2t_{-1} - z^2t_{-1}$
$HSM(5_{31}) = z^4t_{-1}t_1^2 + z^2t_{-1}t_1^2 - v^{-1}z^3t_{-1}t_2 - v^2z^2t_1 + t_1$
$HSM(\overline{5_{31}}) = v^{-1}z^3t_{-2}t_1 + z^2t_{-1}^2t_1 + t_{-1} - v^{-2}z^2t_{-1}$
$HSM(5_{32}) = t_{-2} - v^{-2}z^2t_{-2} - vzt_1t_2 + v^{-1}z^3t_1t_2 + v^{-1}zt_1t_2$
$HSM(\overline{5_{32}}) = v^{-1}z^3t_{-2}t_{-1} - v^{-1}zt_{-2}t_{-1} - v^{-3}zt_{-2}t_{-1} + z^2t_{-1}^3 - v^{-2}z^2t_2 + v^{-4}t_2$
$HSM(5_{33}) = v^{-1}zt_1^2 + v^2t_2 - z^2t_2$
$HSM(\overline{5_{33}}) = -v^{-2}z^2t_{-2} + v^{-4}t_{-2} - vzt_{-1}^2 + v^{-1}z^3t_{-1}^2 - v^{-3}zt_{-1}^2$
$HSM(5_{34}) = -v^{-3}zt_{-2}t_1 + v^{-2}t_{-1} + z^2t_1^2t_2 + v^{-1}z^3t_2^2$
$HSM(\overline{5_{34}}) = -v^{-3}zt_{-2}^2 - v^{-2}z^4t_{-2}t_{-1}^2 + 2v^{-2}z^2t_{-2}t_{-1}^2 - v^{-1}z^3t_{-1}^4 + 2v^{-5}z^3t_{-1}t_2 - v^{-5}zt_{-1}t_2 - 2v^{-4}z^4t_1 + v^{-4}t_1$
$HSM(5_{35}) = v^3zt_{-2}t_2 + v^3z^3t_{-1}t_1 + v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z + v^3z^{-1}$
$HSM(\overline{5_{35}}) = v^{-6}z^2t_{-2}t_1^2 - v^{-7}zt_{-2}t_2 - v^{-5}z^3t_{-1}^2t_1^2 + v^{-6}z^2t_{-1}^2t_2 - v^{-3}z^3t_{-1}t_1 - v^{-3}zt_{-1}t_1 - v^{-3}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(5_{36}) = z^2t_{-2} + t_{-2} + v^3zt_1t_2 - vz^3t_1t_2 - vzt_1t_2$
$HSM(\overline{5_{36}}) = -v^{-3}z^3t_{-2}t_{-1} - v^{-3}zt_{-2}t_{-1} - v^{-5}zt_{-2}t_{-1} + v^{-4}z^2t_{-1}^3 + v^{-4}z^2t_2 + v^{-4}t_2$
$HSM(5_{37}) = v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - v^{-3}zt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$
$HSM(\overline{5_{37}}) = v^3zt_{-1}t_1 - vz^3t_{-1}t_1 - vzt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$
$HSM(5_{38}) = -v^2z^2t_{-2}t_1^2 + vzt_{-2}t_2 - v^3z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{5_{38}}) = v^{-4}z^2t_{-2}t_1^2 - v^{-5}zt_{-2}t_2 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z + v^{-3}z^{-1}$
$HSM(5_{39}) = -v^{-3}zt_{-2}t_{-1} + v^{-2}z^2t_2 + v^{-2}t_2$
$HSM(\overline{5_{39}}) = v^{-2}z^2t_{-2} + v^{-2}t_{-2} - v^2z^2t_1^3 + z^4t_1^3 + z^2t_1^3 + vzt_1t_2 - 2v^{-1}z^3t_1t_2 - 2v^{-1}zt_1t_2$
$HSM(5_{40}) = v^3z^3t_{-1}t_2 + 2v^3zt_{-1}t_2 + v^4z^2t_1 + v^4t_1$
$HSM(\overline{5_{40}}) = -v^{-5}z^3t_{-2}t_1 - 2v^{-5}zt_{-2}t_1 + v^{-4}z^4t_{-1}^2t_1 + 2v^{-4}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1} + v^{-4}t_{-1}$
$HSM(5_{41}) = -v^{-5}z^3t_{-2}^2 - 2v^{-5}zt_{-2}^2 + v^{-4}z^4t_{-2}t_{-1}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2 - v^{-7}z^3t_{-1}t_2 - v^{-7}zt_{-1}t_2 + v^{-6}z^4t_1 + 2v^{-6}z^2t_1 + v^{-6}t_1$
$HSM(\overline{5_{41}}) = -v^{-1}z^3t_{-2}t_1 - v^{-1}zt_{-2}t_1 + z^4t_{-1} + 2z^2t_{-1} + t_{-1} - v^2z^2t_1^2t_2 + vzt_2^2$
$HSM(5_{42}) = v^3zt_{-1}t_2 + vzt_{-1}t_2 + v^4t_1$
$HSM(\overline{5_{42}}) = -v^{-3}zt_{-2}t_1 - v^{-5}zt_{-2}t_1 + v^{-2}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-4}t_{-1}$
$HSM(5_{43}) = -v^{-3}zt_{-2}t_1 + v^{-5}zt_{-2}t_1 + v^{-2}z^2t_{-1} + v^{-2}t_{-1} - v^{-4}z^2t_{-1} + v^{-1}z^3t_1^4 + z^2t_1^2t_2 - 2v^{-2}z^2t_1^2t_2 - v^{-1}zt_2^2$
$HSM(\overline{5_{43}}) = -v^{-3}zt_{-1}t_2 - v^{-5}zt_{-1}t_2 + v^{-2}z^2t_1 + v^{-4}z^2t_1 + v^{-4}t_1$
$HSM(5_{44}) = -z^2t_{-2}t_{-1}t_1 + v^2t_{-2} + z^2t_{-2} + vz^3t_{-1}^2 + vzt_{-1}^2 - vz^3t_1t_2$
$HSM(\overline{5_{44}}) = v^{-4}z^2t_{-2}^2t_1 - v^{-3}z^3t_{-2}t_{-1}^2t_1 + v^{-3}z^3t_{-2}t_{-1} - 2v^{-5}zt_{-2}t_{-1} + v^{-4}z^2t_{-1}^3 + v^{-4}z^2t_{-1}t_1t_2 - v^{-3}z^3t_1^2 - v^{-3}zt_1^2 - v^{-4}z^2t_2 + v^{-6}t_2$
$HSM(5_{45}) = -v^{-2}z^2t_{-2}t_{-1}t_1 + t_{-2} + v^{-1}z^3t_{-1}^3t_1 - vzt_{-1}^2 + v^{-1}zt_{-1}^2$
$HSM(\overline{5_{45}}) = -z^2t_{-1}t_1t_2 - vzt_1^2 + v^{-2}t_2$
$HSM(5_{46}) = v^3zt_{-2}^2 - z^2t_{-2}t_1t_2 + vz^3t_{-1}t_2 + 2v^2z^2t_1 + v^2t_1$
$HSM(\overline{5_{46}}) = -v^{-3}z^3t_{-2}t_{-1}t_1^2 + v^{-4}z^2t_{-2}t_{-1}t_2 + v^{-3}z^3t_{-2}t_1 - v^{-2}z^4t_{-1} - 2v^{-2}z^2t_{-1} + v^{-2}t_{-1} + z^2t_1^2t_2 - v^{-1}zt_2^2$

$HSM(5_{47}) = v^{-4}z^2t_{-2}^3 - v^{-3}z^3t_{-2}^2t_{-1}^2 + v^{-10}z^2t_{-2}t_{-1}t_2 - v^{-9}z^3t_{-2}t_1 - 2v^{-9}zt_{-2}t_1 - v^{-8}z^4t_{-1}^2t_1 + v^{-8}z^2t_{-1}^2t_1 + 2v^{-6}z^4t_{-1} + 7v^{-6}z^2t_{-1} + 2v^{-6}t_{-1} + v^{-8}z^4t_{-1} - 2v^{-8}z^2t_{-1} - v^{-8}t_{-1}$

$HSM(\overline{5_{47}}) = -v^{-5}zt_{-2}^2 + v^{-8}z^2t_{-2}t_1t_2 - v^{-6}z^4t_{-1}t_1^2 - v^{-7}z^3t_{-1}t_2 + v^{-4}z^4t_1 + 4v^{-4}z^2t_1 + 2v^{-4}t_1 + v^{-6}z^4t_1 - 2v^{-6}z^2t_1 - v^{-6}t_1$

$HSM(5_{48}) = -v^3zt_{-2}^2 - vz^3t_{-1}t_2 + v^{-1}zt_{-1}t_2 - 2v^2z^2t_1 + t_1$

$HSM(\overline{5_{48}}) = 2v^{-3}z^3t_{-2}t_{-1}t_1^2 - 2v^{-4}z^2t_{-2}t_{-1}t_2 - v^{-1}zt_{-2}t_1 - v^{-3}z^3t_{-2}t_1 - v^{-2}z^4t_{-1}^3t_1^2 + v^{-3}z^3t_{-1}^3t_2 + z^2t_{-1}^2t_1 + t_{-1} + v^{-2}z^4t_{-1} + 2v^{-2}z^2t_{-1} - z^2t_1^2t_2 + v^{-1}zt_2^2$

$HSM(5_{49}) = -v^{-3}zt_{-2}^2 - v^{-5}zt_{-2}^2 + v^{-2}z^2t_{-2}t_{-1}^2 + v^{-4}z^2t_{-2}t_{-1}^2 - v^{-7}zt_{-1}t_2 + v^{-6}z^2t_1 + v^{-6}t_1$

$HSM(\overline{5_{49}}) = -v^{-1}zt_{-2}t_1 + z^2t_{-1} + t_{-1} - z^2t_1^2t_2 + v^{-1}zt_2^2$

$HSM(5_{50}) = v^3z^3t_1^2 + 2v^3zt_1^2 + v^4z^2t_2 + v^4t_2$

$HSM(\overline{5_{50}}) = v^{-6}z^2t_{-2} + v^{-6}t_{-2} - v^{-3}z^3t_{-1}^2 - 2v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - v^{-5}zt_{-1}^2$

$HSM(5_{51}) = v^4z^2t_{-1}t_1^2 - v^6t_1 + v^4t_1 + v^2z^2t_1 + v^2t_1$

$HSM(\overline{5_{51}}) = v^{-4}z^2t_{-1}^2t_1 + v^{-2}z^2t_{-1} + v^{-2}t_{-1} + v^{-4}t_{-1} - v^{-6}t_{-1}$

$HSM(5_{52}) = v^{-3}z^3t_{-2}t_1 + v^{-3}zt_{-2}t_1 - v^{-2}z^4t_{-1}^2t_1 - 2v^{-2}z^2t_{-1}^2t_1 + z^2t_{-1} + 2t_{-1} - v^{-2}t_{-1}$

$HSM(\overline{5_{52}}) = -v^2z^2t_{-1}t_1^2 - vz^3t_{-1}t_2 - vzt_{-1}t_2 - v^2t_1 + z^2t_1 + 2t_1$

$HSM(5_{53}) = v^{-1}zt_{-2}t_1 + t_{-1} - v^2z^2t_1^2t_2 - vz^3t_2^2 - vzt_2^2$

$HSM(\overline{5_{53}}) = v^{-4}z^4t_{-2}t_{-1}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2 - 2v^{-7}z^3t_{-1}t_2 - 3v^{-7}zt_{-1}t_2 + 2v^{-6}z^4t_1 + 4v^{-6}z^2t_1 + v^{-6}t_1$

$HSM(5_{54}) = -v^{-3}z^3t_{-2}t_1 - 2v^{-3}zt_{-2}t_1 + v^{-4}z^2t_{-1} + v^{-4}t_{-1}$

$HSM(\overline{5_{54}}) = -v^2z^4t_{-1}t_1^2 - 2v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + 2vzt_{-1}t_2 + v^4z^2t_1 + v^4t_1$

$HSM(5_{55}) = v^{-4}z^2t_{-2}t_{-1}t_1 + v^{-2}z^2t_{-2} + v^{-2}t_{-2} - v^{-4}z^2t_{-2} - v^{-3}zt_1t_2$

$HSM(\overline{5_{55}}) = v^3zt_{-2}t_{-1} - v^2z^2t_{-1}t_1t_2 - vz^3t_1^2 - vzt_1^2 + v^2z^2t_2 + z^2t_2 + t_2$

$HSM(5_{56}) = -v^{-3}z^3t_{-2}^2 - 2v^{-3}zt_{-2}^2 + v^{-4}z^2t_1 + v^{-4}t_1$

$HSM(\overline{5_{56}}) = -2v^{-3}z^3t_{-2}t_1 - 2v^{-3}zt_{-2}t_1 + 2v^{-2}z^4t_{-1} + 3v^{-2}z^2t_{-1} + v^{-2}t_{-1} + vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 + v^{-1}zt_2^2$

$HSM(5_{57}) = v^3zt_1^2 + vzt_1^2 + v^4t_2$

$HSM(\overline{5_{57}}) = v^{-6}t_{-2} - v^{-1}zt_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}zt_{-1}^2$

$HSM(5_{58}) = -v^2z^2t_{-1}t_1^2 - z^2t_{-1}t_1^2 + vzt_{-1}t_2 + v^{-1}zt_{-1}t_2 + v^4t_1$

$HSM(\overline{5_{58}}) = -v^{-1}zt_{-2}t_1 - v^{-3}zt_{-2}t_1 + v^{-4}t_{-1}$

$HSM(5_{59}) = v^{-3}zt_{-2}t_1 + t_{-1} - v^{-2}z^2t_{-1} - z^2t_1^2t_2 - vzt_2^2$

$HSM(\overline{5_{59}}) = v^{-2}z^2t_{-2}t_{-1}^2 + v^{-4}z^2t_{-2}t_{-1}^2 - v^{-5}zt_{-1}t_2 - 2v^{-7}zt_{-1}t_2 + v^{-4}z^2t_1 + 2v^{-6}z^2t_1 + v^{-6}t_1$

$HSM(5_{60}) = -z^2t_{-1}t_1^2 - vzt_{-1}t_2 + v^{-2}t_1$

$HSM(\overline{5_{60}}) = v^{-3}zt_{-2}t_1 - z^2t_{-1}^2t_1 - v^{-2}z^2t_{-1}^2t_1 + v^2t_{-1}$

$HSM(5_{61}) = -vz^3t_{-1}^2t_1^2 + z^2t_{-1}^2t_2 + 2v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$

$HSM(\overline{5_{61}}) = v^{-2}z^2t_{-2}t_1^2 - 2v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$

$HSM(5_{62}) = -2v^{-2}z^2t_{-2}t_{-1}t_1 + t_{-2} + v^{-2}z^2t_{-2} + 2v^{-1}z^3t_{-1}^2 + v^{-1}zt_{-1}^2 + v^{-1}z^3t_{-1}t_1^2t_2 - vzt_1t_2 - 2v^{-1}z^3t_1t_2$

$HSM(\overline{5_{62}}) = v^{-2}z^2t_{-2}^2t_1 - v^{-3}zt_{-2}t_{-1} - v^{-1}zt_1^2 - v^{-2}z^2t_2 + v^{-4}t_2$

$HSM(5_{63}) = -z^2t_{-1}t_1t_2 + v^{-1}zt_1^2 + v^2t_2$

$HSM(\overline{5_{63}}) = -v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-4}t_{-2} + v^{-1}z^3t_{-1}^3t_1 - vzt_{-1}^2 - v^{-3}zt_{-1}^2$

$HSM(5_{64}) = vzt_{-2}^2 - v^2z^2t_{-2}t_{-1}^2 - v^{-2}z^2t_{-2}t_1t_2 + v^{-1}z^3t_{-1}^2t_1t_2 - vzt_{-1}t_2 - v^{-1}z^3t_{-1}t_2 + z^4t_1 + 2z^2t_1 + t_1$

$HSM(\overline{5_{64}}) = v^{-2}z^2t_{-2}t_{-1}t_2 - v^{-1}z^3t_{-2}t_1 + v^{-3}zt_{-2}t_1 - v^{-2}z^2t_{-1}^2t_1 - 2z^2t_{-1} + t_{-1} - vzt_2^2$

$HSM(5_{65}) = -2v^{-7}zt_{-1}t_2 + 2v^{-4}z^2t_1 + v^{-4}t_1 + 2v^{-6}z^2t_1 + v^{-2}z^2t_2^3$

$HSM(\overline{5_{65}}) = -v^{-3}z^3t_{-2}^2t_{-1}^2 + 2v^{-10}z^2t_{-2}t_{-1}t_2 - 2v^{-9}z^3t_{-2}t_1 - 2v^{-8}z^4t_{-1}^2t_1 + v^{-8}z^2t_{-1}^2t_1 + 3v^{-6}z^4t_{-1} + 9v^{-6}z^2t_{-1} + 3v^{-6}t_{-1} + 2v^{-8}z^4t_{-1} - 6v^{-8}z^2t_{-1} - 2v^{-8}t_{-1} - v^{-7}zt_2^2$

$HSM(5_{66}) = -v^{-1}zt_{-2}^2 - v^{-3}zt_{-2}^2 + v^{-4}t_1$

$HSM(\overline{5_{66}}) = -2v^{-3}zt_{-2}t_1 + 2v^{-2}z^2t_{-1} + v^{-2}t_{-1} + v^{-1}z^3t_1^4 + z^2t_1^2t_2 - 2v^{-2}z^2t_1^2t_2 + v^{-3}zt_2^2$

$HSM(5_{67}) = v^{-1}zt_{-2}t_1 + v^2t_{-1} - z^2t_{-1}$

$HSM(\overline{5_{67}}) = -v^{-7}zt_{-2}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2 + 3v^{-6}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4 - v^{-5}z^3t_{-1}^4 - v^{-7}zt_{-1}t_2 - 2v^{-9}zt_{-1}t_2 + v^{-6}z^2t_1 + 2v^{-8}z^2t_1 + v^{-8}t_1$

$HSM(5_{68}) = -v^{-4}z^2t_{-2}^2t_1 + 3v^{-3}z^3t_{-2}t_{-1}^2t_1 - 2v^{-1}zt_{-2}t_{-1} - 2v^{-3}z^3t_{-2}t_{-1} - v^{-2}z^4t_{-1}^4t_1 + z^2t_{-1}^3 -$

$2v^{-4}z^2t_{-1}t_1t_2 + 2v^{-3}z^3t_1^2 + v^{-3}zt_1^2 + v^{-2}t_2 + v^{-4}z^2t_2$

$HSM(5_{69}) = -v^{-5}zt_{-1}t_2 + v^{-2}z^2t_1 + v^{-2}t_1 + v^{-4}z^2t_1$

$HSM(\overline{5_{69}}) = -2v^{-5}z^3t_{-2}^2t_{-1}^2+v^{-4}z^4t_{-2}t_{-1}^4+4v^{-12}z^2t_{-2}t_{-1}t_2-4v^{-11}z^3t_{-2}t_1-v^{-11}zt_{-2}t_1-2v^{-11}z^3t_{-1}^3t_2+2v^{-10}z^4t_{-1}^2t_1+2v^{-10}z^2t_{-1}^2t_1+2v^{-8}z^6t_{-1}+12v^{-8}z^4t_{-1}+16v^{-8}z^2t_{-1}+3v^{-8}t_{-1}-2v^{-10}z^4t_{-1}-11v^{-10}z^2t_{-1}-2v^{-10}t_{-1} - v^{-9}zt_2^2$

$HSM(5_{70}) = 2v^{-4}z^2t_{-2}t_{-1}t_2 - v^{-3}z^3t_{-2}t_1 - v^{-3}z^3t_{-1}^3t_2 - 2v^{-2}z^2t_{-1} + v^{-2}t_{-1} - v^{-1}zt_2^2$

$HSM(\overline{5_{70}}) = v^3zt_{-2}^2 - v^4z^2t_{-2}t_{-1}^2 - vz^3t_{-1}t_2 + v^2z^4t_1 + 2v^2z^2t_1 + v^2t_1$

$HSM(5_{71}) = -v^{-3}zt_{-2}t_2 + v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$

$HSM(\overline{5_{71}}) = -z^2t_{-2}t_1^2+v^{-1}zt_{-2}t_2+vz^3t_{-1}^2t_1^2-z^2t_{-1}^2t_2-vz^3t_{-1}t_1-vzt_{-1}t_1-vz-vz^{-1}+v^{-1}z+v^{-1}z^{-1}$

$HSM(5_{72}) = v^5zt_{-2}^2 + v^3z^3t_{-1}t_2 + v^3zt_{-1}t_2 + 2v^4z^2t_1 + v^4t_1$

$HSM(\overline{5_{72}}) = -2v^{-5}z^3t_{-2}t_{-1}t_1^2 + 2v^{-6}z^2t_{-2}t_{-1}t_2 + v^{-5}z^3t_{-2}t_1 - v^{-5}zt_{-2}t_1 + v^{-4}z^4t_{-1}^3t_1^2 - v^{-5}z^3t_{-1}^3t_2 + v^{-4}z^2t_{-1}^2t_1 - v^{-4}z^4t_{-1} - 2v^{-4}z^2t_{-1} + v^{-4}t_{-1} + v^{-2}z^2t_1^2t_2 - v^{-3}zt_2^2$

$HSM(5_{73}) = 2v^{-10}z^2t_{-2}t_{-1}t_2 - 2v^{-9}z^3t_{-2}t_1 - v^{-9}zt_{-2}t_1 - v^{-9}z^3t_{-1}^3t_2 + v^{-8}z^4t_{-1}^2t_1 + v^{-8}z^2t_{-1}^2t_1 + v^{-6}z^6t_{-1} + 6v^{-6}z^4t_{-1} + 9v^{-6}z^2t_{-1} + 2v^{-6}t_{-1} - v^{-8}z^4t_{-1} - 5v^{-8}z^2t_{-1} - v^{-8}t_{-1} - v^{-7}zt_2^2$

$HSM(\overline{5_{73}}) = v^{-6}z^2t_{-1}t_1^2 - v^{-7}zt_{-1}t_2 + v^{-4}z^4t_1 + 4v^{-4}z^2t_1 + 2v^{-4}t_1 - v^{-6}z^2t_1 - v^{-6}t_1$

$HSM(\overline{5_{74}}) = -v^{-7}z^3t_{-2}^2-v^{-7}zt_{-2}^2+3v^{-6}z^4t_{-2}t_{-1}^2+5v^{-6}z^2t_{-2}t_{-1}^2-v^{-5}z^5t_{-1}^4-2v^{-5}z^3t_{-1}^4-2v^{-9}z^3t_{-1}t_2-3v^{-9}zt_{-1}t_2 + 2v^{-8}z^4t_1 + 4v^{-8}z^2t_1 + v^{-8}t_1$

$HSM(\overline{5_{75}}) = vzt_{-2}t_{-1} + vz^3t_{-1}t_1^3 - 2z^2t_{-1}t_1t_2 - vz^3t_1^2 - vzt_1^2 + 2z^2t_2 + t_2$

$HSM(\overline{5_{76}}) = -2v^{-1}zt_{-2}t_{-1}+2v^{-3}z^3t_{-2}t_{-1}+v^{-3}zt_{-2}t_{-1}+z^2t_{-1}^3-v^{-2}z^4t_{-1}^3-v^{-2}z^2t_{-1}^3+v^{-2}t_2-v^{-4}z^2t_2$

$HSM(5_{77}) = v^{-3}z^3t_{-2}t_1 - v^{-2}z^4t_{-1} - v^{-2}z^2t_{-1} + v^{-2}t_{-1} + z^2t_1^2t_2 - v^{-1}zt_2^2$

$HSM(\overline{5_{77}}) = v^{-3}z^3t_{-2}^2-v^{-2}z^4t_{-2}t_{-1}^2+2v^{-2}z^2t_{-2}t_{-1}^2-v^{-1}z^3t_{-1}^4+v^{-5}z^3t_{-1}t_2-2v^{-5}zt_{-1}t_2-v^{-4}z^4t_1+v^{-4}z^2t_1 + v^{-4}t_1$

$HSM(\overline{5_{78}}) = -v^{-1}zt_{-2}t_1 + z^2t_{-1}^2t_1 - z^2t_{-1} + v^{-2}t_{-1}$

$HSM(5_{79}) = v^5zt_{-2}t_{-1} + v^4z^2t_2 + v^2z^2t_2 + v^2t_2$

$HSM(\overline{5_{79}}) = 2v^{-6}z^2t_{-2}t_{-1}t_1 + v^{-4}z^2t_{-2} + v^{-4}t_{-2} - v^{-6}z^2t_{-2} - v^{-5}z^3t_{-1}^3t_1 - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}zt_1t_2$

$HSM(5_{80}) = -v^{-5}z^3t_{-1}t_2 - 2v^{-5}zt_{-1}t_2 + v^{-4}z^4t_1 + 3v^{-4}z^2t_1 + v^{-4}t_1$

$HSM(\overline{5_{80}}) = -v^{-3}z^3t_{-2}t_1 + v^{-2}z^4t_{-1} + v^{-2}z^2t_{-1} + v^{-2}t_{-1} + vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 - v^{-1}z^3t_2^2 - v^{-1}zt_2^2$

$HSM(5_{81}) = v^2z^2t_{-1} + v^2t_{-1} + v^3zt_2^2$

$HSM(\overline{5_{81}}) = -v^{-7}z^3t_{-2}^2-2v^{-7}zt_{-2}^2+3v^{-6}z^4t_{-2}t_{-1}^2+5v^{-6}z^2t_{-2}t_{-1}^2-v^{-5}z^5t_{-1}^4-2v^{-5}z^3t_{-1}^4-2v^{-9}z^3t_{-1}t_2-2v^{-9}zt_{-1}t_2 + 2v^{-8}z^4t_1 + 3v^{-8}z^2t_1 + v^{-8}t_1$

$HSM(5_{82}) = v^2t_{-1} + vzt_2^2$

$HSM(\overline{5_{82}}) = -v^{-5}zt_{-2}^2-v^{-7}zt_{-2}^2+2v^{-4}z^2t_{-2}t_{-1}^2+3v^{-6}z^2t_{-2}t_{-1}^2-v^{-3}z^3t_{-1}^4-v^{-5}z^3t_{-1}^4-2v^{-9}zt_{-1}t_2+2v^{-8}z^2t_1 + v^{-8}t_1$

$HSM(5_{83}) = vzt_{-2}^2 + v^{-1}z^3t_{-2}t_1^3 - 2v^{-2}z^2t_{-2}t_1t_2 + v^{-1}z^3t_{-1}t_2 + v^2t_1 + 2z^2t_1$

$HSM(\overline{5_{83}}) = v^{-1}z^3t_{-2}t_1 - z^4t_{-1} - 2z^2t_{-1} + v^{-2}t_{-1} + v^2z^2t_1^2t_2 - vzt_2^2$

$HSM(5_{84}) = -v^{-3}zt_{-2}^2 + v^{-2}z^2t_1 + v^{-2}t_1$

$HSM(\overline{5_{84}}) = v^{-6}z^2t_{-2}^3-2v^{-5}z^3t_{-2}^2t_{-1}^2+v^{-4}z^4t_{-2}t_{-1}^4+2v^{-12}z^2t_{-2}t_{-1}t_2-2v^{-11}z^3t_{-2}t_1-2v^{-11}zt_{-2}t_1-2v^{-11}z^3t_{-1}^3t_2 + 4v^{-10}z^4t_{-1}^2t_1 + 3v^{-10}z^2t_{-1}^2t_1 + 2v^{-8}z^6t_{-1} + 11v^{-8}z^4t_{-1} + 14v^{-8}z^2t_{-1} + 3v^{-8}t_{-1} - 4v^{-10}z^4t_{-1} - 8v^{-10}z^2t_{-1} - 2v^{-10}t_{-1}$

$HSM(\overline{5_{85}}) = v^{-8}z^2t_{-2}^3-6v^{-7}z^3t_{-2}^2t_{-1}^2+5v^{-6}z^4t_{-2}t_{-1}^4+6v^{-14}z^2t_{-2}t_{-1}t_2-6v^{-13}z^3t_{-2}t_1-2v^{-13}zt_{-2}t_1-v^{-5}z^5t_{-1}^6 - 4v^{-13}z^3t_{-1}^3t_2 + 6v^{-12}z^4t_{-1}^2t_1 + 3v^{-12}z^2t_{-1}^2t_1 + 4v^{-10}z^6t_{-1} + 21v^{-10}z^4t_{-1} + 23v^{-10}z^2t_{-1} + 3v^{-10}t_{-1} - 6v^{-12}z^4t_{-1} - 16v^{-12}z^2t_{-1} - 2v^{-12}t_{-1} - v^{-11}zt_2^2$

$HSM(5_{86}) = v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz - 2vz^{-1} + 2v^{-1}z + 3v^{-1}z^{-1} - v^{-3}z - v^{-3}z^{-1}$

$HSM(\overline{5_{86}}) = -vz^3t_{-1}t_1 - vzt_{-1}t_1 + v^3z + v^3z^{-1} - 2vz - 3vz^{-1} + v^{-1}z + 2v^{-1}z^{-1}$

$HSM(5_{87}) = v^5zt_1^2 + v^3zt_1^2 + v^4z^2t_2 + v^4t_2 + v^2z^2t_2$

$HSM(\overline{5_{87}}) = v^{-4}z^2t_{-2} + v^{-6}z^2t_{-2} + v^{-6}t_{-2} - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - 2v^{-5}zt_{-1}^2$

$HSM(5_{88}) = v^5zt_1^2 + v^4z^2t_2 + v^2z^2t_2 + v^2t_2$

$HSM(\overline{5_{88}}) = v^{-4}z^2t_{-2} + v^{-4}t_{-2} + v^{-6}z^2t_{-2} - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - v^{-5}zt_{-1}^2$

$HSM(5_{89}) = v^3z^3t_{-1}t_1 + v^3zt_{-1}t_1 + v^7z^{-1} - 2v^5z - 3v^5z^{-1} + 2v^3z + 2v^3z^{-1}$

$HSM(\overline{5_{89}}) = -v^{-3}z^3t_{-1}t_1 - v^{-3}zt_{-1}t_1 - 2v^{-3}z - 2v^{-3}z^{-1} + 2v^{-5}z + 3v^{-5}z^{-1} - v^{-7}z^{-1}$
$HSM(5_{90}) = v^5zt_{-1}t_1 + v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z^{-1} + vz$
$HSM(\overline{5_{90}}) = -v^{-3}zt_{-1}t_1 - v^{-5}zt_{-1}t_1 - v^{-1}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(5_{91}) = v^5zt_{-1}t_1 - v^5z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{5_{91}}) = -v^{-5}zt_{-1}t_1 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z^{-1} + v^{-5}z$
$HSM(5_{92}) = v^3zt_{-1}t_2 - v^6t_1 + v^4z^2t_1 + 2v^4t_1 + v^2z^2t_1$
$HSM(\overline{5_{92}}) = -v^{-5}zt_{-2}t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-2}z^2t_{-1} + v^{-4}z^2t_{-1} + 2v^{-4}t_{-1} - v^{-6}t_{-1}$
$HSM(5_{93}) = v^5z^3t_1^2 + 2v^5zt_1^2 + v^4z^4t_2 + 3v^4z^2t_2 + v^4t_2$
$HSM(\overline{5_{93}}) = v^{-6}z^4t_{-2} + 3v^{-6}z^2t_{-2} + v^{-6}t_{-2} - v^{-5}z^5t_{-1}^2 - 4v^{-5}z^3t_{-1}^2 - 3v^{-5}zt_{-1}^2$
$HSM(5_{94}) = v^5z^3t_{-1}t_1 + 2v^5zt_{-1}t_1 - v^5z^3 - 3v^5z - v^5z^{-1} + v^3z^3 + 3v^3z + v^3z^{-1}$
$HSM(\overline{5_{94}}) = -v^{-5}z^3t_{-1}t_1 - 2v^{-5}zt_{-1}t_1 - v^{-3}z^3 - 3v^{-3}z - v^{-3}z^{-1} + v^{-5}z^3 + 3v^{-5}z + v^{-5}z^{-1}$
$HSM(5_{95}) = v^5z^3t_{-1}t_1 + v^5zt_{-1}t_1 + v^7z^{-1} - v^5z^3 - 3v^5z - 3v^5z^{-1} + v^3z^3 + 3v^3z + 2v^3z^{-1}$
$HSM(\overline{5_{95}}) = -v^{-5}z^3t_{-1}t_1 - v^{-5}zt_{-1}t_1 - v^{-3}z^3 - 3v^{-3}z - 2v^{-3}z^{-1} + v^{-5}z^3 + 3v^{-5}z + 3v^{-5}z^{-1} - v^{-7}z^{-1}$

Knots in $L(6,1)$

$HSM(0_1) = t_1$
$HSM(1_1) = t_2$
$HSM(\overline{1_1}) = v^{-2}t_{-2} - v^{-1}zt_{-1}^2$
$HSM(2_1) = vzt_{-1}t_1 - v^3z^{-1} + vz^{-1}$
$HSM(\overline{2_1}) = -v^{-1}zt_{-1}t_1 - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(*2_2) = -v^{-1}zt_1t_2 + v^{-2}t_3$
$HSM(2_3) = t_3$
$HSM(\overline{2_3}) = -2v^{-3}zt_{-2}t_{-1} + v^{-2}z^2t_{-1}^3 + v^{-4}t_3$
$HSM(3_1) = vzt_{-1}t_2 + v^2t_1$
$HSM(\overline{3_1}) = -v^{-3}zt_{-2}t_1 + v^{-2}z^2t_{-1}^2t_1 + v^{-2}t_{-1}$
$HSM(3_2) = -v^{-3}zt_{-2}^2 + v^{-2}z^2t_{-2}t_{-1}^2 - v^{-5}zt_{-1}t_3 + v^{-4}z^2t_2 + v^{-4}t_2$
$HSM(\overline{3_2}) = v^{-2}t_{-2} - v^{-1}zt_1t_3$
$HSM(3_3) = vzt_1^2 + v^2t_2$
$HSM(\overline{3_3}) = v^{-4}t_{-2} - v^{-1}zt_{-1}^2 - v^{-3}zt_{-1}^2$
$HSM(3_4) = -z^2t_{-1}t_1^2 + v^{-1}zt_{-1}t_2 + v^2t_1$
$HSM(\overline{3_4}) = -v^{-1}zt_{-2}t_1 + v^{-2}t_{-1}$
$HSM(3_5) = v^{-2}t_{-2} - v^{-1}zt_2^2$
$HSM(\overline{3_5}) = v^{-2}z^2t_{-2}t_{-1}^2 - 2v^{-5}zt_{-1}t_3 + 2v^{-4}z^2t_2 + v^{-4}t_2$
$HSM(\overline{3_6}) = -v^{-5}zt_{-2}^2 + 3v^{-4}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4 - 2v^{-7}zt_{-1}t_3 + 2v^{-6}z^2t_2 + v^{-6}t_2$
$HSM(3_7) = v^3zt_1^2 + v^2z^2t_2 + v^2t_2$
$HSM(\overline{3_7}) = v^{-4}z^2t_{-2} + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^2 - 2v^{-3}zt_{-1}^2$
$HSM(3_8) = v^3zt_{-1}t_1 - v^3z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{3_8}) = -v^{-3}zt_{-1}t_1 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z + v^{-3}z^{-1}$
$HSM(4_1) = vzt_{-1}t_3 + v^2t_2$
$HSM(\overline{4_1}) = 2v^{-4}z^2t_{-2}t_{-1}t_1 - v^{-4}z^2t_{-2} + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^3t_1 - v^{-3}zt_{-1}^2 - v^{-3}zt_1t_3$
$HSM(4_2) = 2v^{-4}z^2t_{-2}^2t_{-1} - v^{-3}z^3t_{-2}t_{-1}^3 - 2v^{-9}zt_{-2}t_3 + v^{-8}z^2t_{-1}^2t_3 - v^{-7}zt_{-1}t_2 + v^{-6}z^4t_1 + 5v^{-6}z^2t_1 + v^{-6}t_1$
$HSM(\overline{4_2}) = -v^{-3}zt_{-2}t_1 + v^{-2}z^2t_{-1} + v^{-2}t_{-1}$
$HSM(4_3) = v^2z^2t_{-1}t_1^2 - v^4t_1 + 2v^2t_1$
$HSM(\overline{4_3}) = v^{-2}z^2t_{-1}^2t_1 + 2v^{-2}t_{-1} - v^{-4}t_{-1}$
$HSM(4_4) = -z^2t_{-1}t_1t_2 + v^{-1}zt_{-1}t_3 - vzt_1^2 + t_2$
$HSM(\overline{4_4}) = v^{-2}z^2t_{-2}t_{-1}t_1 - v^{-2}z^2t_{-2} + v^{-2}t_{-2} - v^{-1}zt_1t_3$
$HSM(4_5) = v^{-4}t_{-1} + v^{-2}z^2t_1t_2^2 - 2v^{-3}zt_2t_3$

$HSM(\overline{4_5}) = -2v^{-5}zt_{-2}t_1 + 2v^{-4}z^2t_{-1} + v^{-4}t_{-1} + v^{-2}z^2t_1^2t_3$
$HSM(4_6) = v^3z^3t_{-1}t_1 + 2v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z + v^3z^{-1}$
$HSM(\overline{4_6}) = -v^{-3}z^3t_{-1}t_1 - 2v^{-3}zt_{-1}t_1 - v^{-3}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(4_7) = v^3zt_{-1}t_2 + v^2z^2t_1 + v^2t_1$
$HSM(\overline{4_7}) = -v^{-5}zt_{-2}t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-2}z^2t_{-1} + v^{-2}t_{-1}$
$HSM(4_8) = -v^{-3}z^3t_{-2}t_{-1} - 2v^{-3}zt_{-2}t_{-1} + v^{-4}z^2t_3 + v^{-4}t_3$
$HSM(\overline{4_8}) = -v^2z^2t_1^3 - vz^3t_1t_2 + z^2t_3 + t_3$
$HSM(4_9) = v^{-2}z^2t_{-2} + v^{-2}t_{-2} - v^{-3}zt_{-1}^2$
$HSM(\overline{4_9}) = v^3zt_1^2 - vz^3t_1^2 - vzt_1^2 + z^2t_2 + t_2$
$HSM(4_{10}) = v^3zt_{-1}t_1 + vzt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{4_{10}}) = -v^{-1}zt_{-1}t_1 - v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(4_{11}) = -z^2t_1^3 - vzt_1t_2 + v^{-1}zt_1t_2 + t_3$
$HSM(\overline{4_{11}}) = -v^{-1}zt_{-2}t_{-1} - v^{-3}zt_{-2}t_{-1} + v^{-4}t_3$
$HSM(4_{12}) = -z^2t_{-1}t_1t_2 + v^{-1}zt_{-1}t_3 + v^2t_2$
$HSM(\overline{4_{12}}) = v^{-2}z^2t_{-2}t_{-1}t_1 - v^{-2}z^2t_{-2} + v^{-4}t_{-2} - v^{-3}zt_{-1}^2 - v^{-1}zt_1t_3$
$HSM(*4_{13}) = -z^2t_{-1}t_1^2 + v^2t_1 - t_1 + v^{-2}t_1$
$HSM(*4_{14}) = -v^{-5}zt_{-2}t_1 + v^{-4}z^2t_{-1} + v^{-4}t_{-1} + v^{-2}z^2t_1t_2^2 - v^{-3}zt_2t_3$
$HSM(4_{15}) = -v^{-1}zt_{-2}t_2 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(\overline{4_{15}}) = -v^{-2}z^2t_{-2}t_1^2 + v^{-3}zt_{-2}t_2 + v^{-1}z^3t_{-1}^2t_1^2 - v^{-2}z^2t_{-1}^2t_2 - vzt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(4_{16}) = vzt_1t_2 + v^2t_3$
$HSM(\overline{4_{16}}) = -v^{-3}zt_{-2}t_{-1} - 2v^{-5}zt_{-2}t_{-1} + v^{-2}z^2t_{-1}^3 + v^{-4}z^2t_{-1}^3 + v^{-6}t_3$
$HSM(4_{17}) = v^{-1}z^3t_{-1}t_1^3 - 2v^{-2}z^2t_{-1}t_1t_2 + v^{-3}zt_{-1}t_3 - vzt_1^2 + t_2$
$HSM(\overline{4_{17}}) = -v^{-1}zt_{-1}t_3 + v^{-2}t_2$
$HSM(4_{18}) = v^{-2}t_{-1} - v^{-1}zt_2t_3$
$HSM(\overline{4_{18}}) = v^{-4}z^2t_{-2}^2t_{-1} - v^{-3}z^3t_{-2}t_{-1}^3 - v^{-9}zt_{-2}t_3 + 2v^{-8}z^2t_{-1}^2t_3 - 3v^{-7}z^3t_{-1}t_2 - 2v^{-7}zt_{-1}t_2 + 2v^{-6}z^4t_1 + 4v^{-6}z^2t_1 + v^{-6}t_1$
$HSM(4_{19}) = -v^{-3}zt_{-2}t_2 + v^{-2}z^2t_{-1}^2t_2 - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(\overline{4_{19}}) = -z^2t_{-2}t_1^2 + v^{-1}zt_{-2}t_2 - v^3z^{-1} + vz^{-1}$
$HSM(4_{20}) = vzt_{-2}t_2 + v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{4_{20}}) = v^{-4}z^2t_{-2}t_1^2 - v^{-5}zt_{-2}t_2 - v^{-3}z^3t_{-1}^2t_1^2 + v^{-4}z^2t_{-1}^2t_2 - v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(*4_{21}) = -v^{-5}zt_{-2}t_1 + v^{-4}z^2t_{-1} + v^{-4}t_{-1} + v^{-2}z^2t_1^2t_3 - v^{-3}zt_2t_3$
$HSM(4_{22}) = v^3zt_1t_2 + v^2z^2t_3 + v^2t_3$
$HSM(\overline{4_{22}}) = -2v^{-5}z^3t_{-2}t_{-1} - 3v^{-5}zt_{-2}t_{-1} + v^{-4}z^4t_{-1}^3 + 2v^{-4}z^2t_{-1}^3 + v^{-6}z^2t_3 + v^{-6}t_3$
$HSM(\overline{4_{23}}) = -v^2z^2t_{-1}t_1^2 + vzt_{-1}t_2 + v^2z^2t_1 + v^2t_1$
$HSM(4_{24}) = t_{-1}$
$HSM(\overline{4_{24}}) = 3v^{-6}z^2t_{-2}^2t_{-1} - 4v^{-5}z^3t_{-2}t_{-1}^3 - 2v^{-11}zt_{-2}t_3 + v^{-4}z^4t_{-1}^5 + 3v^{-10}z^2t_{-1}^2t_3 - 4v^{-9}z^3t_{-1}t_2 - 2v^{-9}zt_{-1}t_2 + 3v^{-8}z^4t_1 + 6v^{-8}z^2t_1 + v^{-8}t_1$
$HSM(4_{25}) = v^{-1}zt_{-1}t_1 - v^3z^{-1} + vz + vz^{-1} - v^{-1}z$
$HSM(\overline{4_{25}}) = -vzt_{-1}t_1 + vz - v^{-1}z - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(4_{26}) = -vzt_1^2 - z^2t_2 + v^{-2}t_2$
$HSM(\overline{4_{26}}) = -vzt_1^2 + v^{-1}z^3t_1^2 + v^{-1}zt_1^2 + t_2 - v^{-2}z^2t_2$
$HSM(*4_{27}) = z^2t_1^3 + v^{-1}z^3t_1t_2 - v^{-1}zt_1t_2 - v^{-2}z^2t_3 + v^{-2}t_3$
$HSM(5_1) = v^4z^2t_{-1}t_1^2 + v^3z^3t_{-1}t_2 + v^3zt_{-1}t_2 - v^6t_1 + v^4z^2t_1 + 2v^4t_1$
$HSM(\overline{5_1}) = -v^{-5}z^3t_{-2}t_1 - v^{-5}zt_{-2}t_1 + v^{-4}z^4t_{-1}^2t_1 + 2v^{-4}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1} + 2v^{-4}t_{-1} - v^{-6}t_{-1}$
$HSM(5_2) = -v^2z^2t_{-1}t_1t_2 + vzt_{-1}t_3 + v^2z^2t_2 + v^2t_2$
$HSM(\overline{5_2}) = v^{-4}z^2t_{-2}t_{-1}t_1 + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-3}zt_1t_3$
$HSM(5_3) = -v^{-2}z^2t_{-1}^2t_1 + t_{-1} + v^{-2}z^2t_{-1}$
$HSM(\overline{5_3}) = -v^2z^2t_{-1}t_1^2 + v^2z^2t_1 + t_1$
$HSM(5_4) = -v^{-5}z^3t_{-2}^2 - v^{-5}zt_{-2}^2 + v^{-4}z^4t_{-2}t_{-1}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2 - v^{-7}z^3t_{-1}t_3 - 2v^{-7}zt_{-1}t_3 + v^{-6}z^4t_2 + 3v^{-6}z^2t_2 + v^{-6}t_2$

$HSM(\overline{5_4}) = z^2t_{-2} + t_{-2} - v^2z^2t_1^2t_2 - vz^3t_1t_3$
$HSM(\overline{5_5}) = v^{-6}z^2t_{-2}^2t_1 - 3v^{-5}z^3t_{-2}t_{-1}^2t_1 + 2v^{-5}z^3t_{-2}t_{-1} - 2v^{-5}zt_{-2}t_{-1} + v^{-4}z^4t_{-1}^4t_1 + v^{-4}z^2t_{-1}^3 + 2v^{-6}z^2t_{-1}t_1t_3 - 2v^{-5}z^3t_1t_2 - v^{-5}zt_1t_2 - v^{-6}z^2t_3 + v^{-6}t_3$
$HSM(5_6) = v^{-6}z^2t_{-2}^3 - 3v^{-5}z^3t_{-2}^2t_{-1}^2 + v^{-4}z^4t_{-2}t_{-1}^4 + 4v^{-12}z^2t_{-2}t_{-1}t_3 - 4v^{-11}z^3t_{-2}t_2 - 2v^{-11}zt_{-2}t_2 - v^{-11}z^3t_{-1}^3t_3 - v^{-10}z^4t_{-1}^2t_2 + v^{-10}z^2t_{-1}^2t_2 + v^{-9}z^5t_{-1}t_1 - 8v^{-9}z^3t_{-1}t_1 - v^{-9}zt_{-1}t_1 - v^{-7}zt_3^2 - v^{-7}z^5 - 9v^{-7}z^3 - 5v^{-7}z - v^{-7}z^{-1} + v^{-9}z^5 + 9v^{-9}z^3 + 5v^{-9}z + v^{-9}z^{-1}$
$HSM(5_7) = v^2z^2t_{-1}^2t_2 + 2v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{5_7}) = -v^{-3}z^3t_{-1}^2t_1^2 + v^{-4}z^2t_{-1}^2t_2 - 2v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(5_8) = vzt_{-2}t_{-1} - z^2t_{-1}t_1t_3 - vzt_1t_2 + z^2t_3 + t_3$
$HSM(\overline{5_8}) = v^{-4}z^2t_{-2}^2t_1 - v^{-3}z^3t_{-2}t_{-1}^2t_1 + v^{-3}z^3t_{-2}t_{-1} - v^{-3}zt_{-2}t_{-1} + v^{-4}z^2t_{-1}t_1t_3 - v^{-3}z^3t_1t_2 - v^{-3}zt_1t_2 - v^{-4}z^2t_3 + v^{-4}t_3$
$HSM(5_9) = v^{-4}z^2t_{-2}^3 - v^{-3}z^3t_{-2}^2t_{-1}^2 + 2v^{-10}z^2t_{-2}t_{-1}t_3 - 2v^{-9}z^3t_{-2}t_2 - 2v^{-9}zt_{-2}t_2 - 2v^{-8}z^4t_{-1}^2t_2 + 2v^{-7}z^5t_{-1}t_1 - 2v^{-7}z^3t_{-1}t_1 - v^{-5}zt_3^2 - 4v^{-5}z^3 - 4v^{-5}z - v^{-5}z^{-1} + 4v^{-7}z^3 + 4v^{-7}z + v^{-7}z^{-1}$
$HSM(\overline{5_9}) = v^{-6}z^2t_{-2}t_1^2 - 2v^{-5}z^3t_{-1}t_1 - 2v^{-5}zt_{-1}t_1 - v^{-3}z^3 - 2v^{-3}z - v^{-3}z^{-1} + v^{-5}z^3 + 2v^{-5}z + v^{-5}z^{-1}$
$HSM(5_{10}) = v^2z^2t_{-1}t_1^2 + v^3zt_{-1}t_2 + v^2t_1$
$HSM(\overline{5_{10}}) = -v^{-5}zt_{-2}t_1 + v^{-2}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-2}t_{-1}$
$HSM(5_{11}) = -vz^3t_{-1}t_1^3 + z^2t_{-1}t_1t_2 + v^3zt_1^2 - vzt_1^2 + t_2$
$HSM(\overline{5_{11}}) = v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-2}t_{-2} - v^{-3}zt_{-1}^2$
$HSM(5_{12}) = vzt_{-2}t_{-1} - z^2t_{-1}t_2^2 - vzt_1t_2 + z^2t_3 + t_3$
$HSM(\overline{5_{12}}) = -v^{-3}z^3t_{-2}t_{-1}^2t_1 + 2v^{-3}z^3t_{-2}t_{-1} - v^{-3}zt_{-2}t_{-1} + 2v^{-4}z^2t_{-1}t_1t_3 - 2v^{-3}z^3t_1t_2 - v^{-3}zt_1t_2 - v^{-4}z^2t_3 + v^{-4}t_3$
$HSM(5_{13}) = -z^2t_{-1}^2t_2 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(\overline{5_{13}}) = v^{-1}z^3t_{-1}^2t_1^2 - v^{-2}z^2t_{-1}^2t_2 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(5_{14}) = v^{-1}zt_{-2}t_{-1} + v^{-1}z^3t_{-1}t_1^2t_2 - v^{-2}z^2t_{-1}t_1t_3 - v^{-2}z^2t_{-1}t_2^2 - vzt_1t_2 + t_3 + v^{-2}z^2t_3$
$HSM(\overline{5_{14}}) = v^{-1}z^3t_{-2}t_{-1} - v^{-3}zt_{-2}t_{-1} + v^{-2}z^2t_{-1}t_1t_3 - v^{-1}z^3t_1t_2 - v^{-1}zt_1t_2 - v^{-2}z^2t_3 + v^{-4}t_3$
$HSM(5_{15}) = -v^{-3}z^3t_{-2}^2t_{-1}^2 + 3v^{-10}z^2t_{-2}t_{-1}t_3 - 3v^{-9}z^3t_{-2}t_2 - v^{-9}zt_{-2}t_2 - 3v^{-8}z^4t_{-1}^2t_2 + 3v^{-7}z^5t_{-1}t_1 - 5v^{-7}z^3t_{-1}t_1 - v^{-7}zt_{-1}t_1 - v^{-5}zt_3^2 - 6v^{-5}z^3 - 3v^{-5}z - v^{-5}z^{-1} + 6v^{-7}z^3 + 3v^{-7}z + v^{-7}z^{-1}$
$HSM(\overline{5_{15}}) = -v^{-7}zt_{-2}t_2 + v^{-5}z^3t_{-1}t_1 - v^{-5}zt_{-1}t_1 + v^{-2}z^2t_1t_2t_3 - 3v^{-3}z - v^{-3}z^{-1} + 3v^{-5}z + v^{-5}z^{-1}$
$HSM(5_{16}) = v^{-2}z^2t_{-2}t_{-1}t_2 - v^{-1}z^3t_{-2}t_1 - 2z^2t_{-1} + v^{-2}t_{-1} - vzt_2t_3$
$HSM(\overline{5_{16}}) = -v^{-2}z^2t_{-2}t_1t_2 + v^{-3}zt_{-2}t_3 + v^{-1}z^3t_{-1}^2t_1t_2 - v^{-2}z^2t_{-1}^2t_3 + v^2t_1$
$HSM(5_{17}) = -v^{-5}zt_{-2}^2 + v^{-2}z^2t_{-2}t_{-1}^2 + v^{-4}z^2t_{-2}t_{-1}^2 - v^{-5}zt_{-1}t_3 - v^{-7}zt_{-1}t_3 + v^{-4}z^2t_2 + v^{-6}z^2t_2 + v^{-6}t_2$
$HSM(\overline{5_{17}}) = t_{-2} - z^2t_1^2t_2 - vzt_1t_3 + v^{-1}zt_1t_3$
$HSM(5_{18}) = v^2z^2t_{-1}t_1t_2 + v^3zt_1^2 + v^2t_2$
$HSM(\overline{5_{18}}) = v^{-4}z^2t_{-2}t_{-1}t_1 + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^3t_1 - 2v^{-3}zt_{-1}^2$
$HSM(5_{19}) = v^{-1}zt_{-2}t_{-1} + v^{-1}z^3t_{-1}t_1^2t_2 - v^{-2}z^2t_{-1}t_1t_3 - v^{-2}z^2t_{-1}t_2^2 + z^2t_1^3 - 2v^{-1}zt_1t_2 + v^{-2}z^2t_3 + v^{-2}t_3$
$HSM(\overline{5_{19}}) = v^{-1}z^3t_{-2}t_{-1} + v^{-2}z^2t_{-1}t_1t_3 - v^{-1}z^3t_1t_2 - v^{-1}zt_1t_2 - v^{-2}z^2t_3 + v^{-2}t_3$
$HSM(5_{20}) = -v^{-7}zt_{-2}t_2 + v^{-5}z^3t_{-1}t_1 + v^{-2}z^2t_1t_2t_3 - v^{-3}zt_3^2 - 2v^{-3}z - v^{-3}z^{-1} + 2v^{-5}z + v^{-5}z^{-1}$
$HSM(\overline{5_{20}}) = v^{-10}z^2t_{-2}t_{-1}t_3 - v^{-9}z^3t_{-2}t_2 - v^{-9}zt_{-2}t_2 - v^{-9}z^3t_{-1}^3t_3 + 2v^{-8}z^4t_{-1}^2t_2 + 2v^{-8}z^2t_{-1}^2t_2 - 2v^{-7}z^5t_{-1}t_1 - 5v^{-7}z^3t_{-1}t_1 - 2v^{-7}zt_{-1}t_1 - v^{-5}z^5 - 4v^{-5}z^3 - 4v^{-5}z - v^{-5}z^{-1} + v^{-7}z^5 + 4v^{-7}z^3 + 4v^{-7}z + v^{-7}z^{-1}$
$HSM(5_{21}) = -v^{-3}z^3t_{-2}t_{-1}t_1^2 + v^{-4}z^2t_{-2}t_{-1}t_2 + v^{-3}z^3t_{-2}t_1 - v^{-3}zt_{-2}t_1 - v^{-2}z^4t_{-1} - 2v^{-2}z^2t_{-1} + v^{-4}t_{-1} + z^2t_1^2t_3 - v^{-1}zt_2t_3$
$HSM(\overline{5_{21}}) = -z^2t_{-2}t_1t_2 + v^{-1}zt_{-2}t_3 - v^2z^2t_{-1}t_1^2 + vzt_{-1}t_2 + v^4t_1$
$HSM(5_{22}) = -v^{-1}zt_{-1}t_3 + v^{-1}zt_1^2 + t_2$
$HSM(\overline{5_{22}}) = -2v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-2}z^2t_{-2} + v^{-2}t_{-2} + v^{-1}z^3t_{-1}^3t_1 - vzt_{-1}^2 - v^{-1}zt_{-1}^2 + v^{-1}zt_1t_3$
$HSM(5_{23}) = v^{-3}zt_{-2}t_1 - v^{-2}z^2t_{-1}^2t_1 + 2t_{-1} - v^{-2}t_{-1}$
$HSM(\overline{5_{23}}) = -vzt_{-1}t_2 - v^2t_1 + 2t_1$
$HSM(5_{24}) = t_{-2} + vzt_1t_3 - vzt_2^2$
$HSM(\overline{5_{24}}) = 3v^{-4}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4 - 3v^{-7}zt_{-1}t_3 + 3v^{-6}z^2t_2 + v^{-6}t_2$
$HSM(5_{25}) = v^3zt_{-1}t_3 + v^3z^3t_1^2 + v^3zt_1^2 + v^4z^2t_2 + v^4t_2$

$HSM(\overline{5_{25}}) = 2v^{-6}z^2t_{-2}t_{-1}t_1+v^{-6}t_{-2}-v^{-5}z^3t_{-1}^3t_1-v^{-3}z^3t_{-1}^2-v^{-3}zt_{-1}^2-v^{-5}z^3t_{-1}^2-v^{-5}zt_{-1}^2-v^{-5}zt_1t_3$

$HSM(5_{26}) = -v^2z^4t_{-1}t_1^2 - v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + vzt_{-1}t_2 + v^4z^2t_1 + v^2t_1$

$HSM(\overline{5_{26}}) = -v^{-3}z^3t_{-2}t_1 - v^{-3}zt_{-2}t_1 + v^{-2}t_{-1} + v^{-4}z^2t_{-1}$

$HSM(5_{27}) = -v^2z^4t_{-1}t_1^2 - v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + vzt_{-1}t_2 + v^4z^2t_1 + v^2t_1$

$HSM(\overline{5_{27}}) = -v^{-3}z^3t_{-2}t_1 - v^{-3}zt_{-2}t_1 + v^{-2}t_{-1} + v^{-4}z^2t_{-1}$

$HSM(5_{28}) = -v^{-3}z^3t_{-2}^2 - v^{-3}zt_{-2}^2 - v^{-5}zt_{-1}t_3 + 2v^{-4}z^2t_2 + v^{-4}t_2$

$HSM(\overline{5_{28}}) = v^{-2}z^2t_{-2} + v^{-2}t_{-2} + vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 - 2v^{-1}z^3t_1t_3 - v^{-1}zt_1t_3$

$HSM(5_{29}) = -vz^3t_{-1}t_1 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 + v^3z - vz - vz^{-1} + v^{-1}z^{-1}$

$HSM(\overline{5_{29}}) = -vzt_{-1}t_1 + v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z + v^{-1}z^{-1} - v^{-3}z$

$HSM(5_{30}) = -vzt_{-1}t_2 - z^2t_1 + v^{-2}t_1$

$HSM(\overline{5_{30}}) = v^{-3}zt_{-2}t_1 - v^{-2}z^2t_{-1}^2t_1 + v^2t_{-1} - z^2t_{-1}$

$HSM(5_{31}) = z^4t_{-1}t_1^2 + z^2t_{-1}t_1^2 - v^{-1}z^3t_{-1}t_2 - v^2z^2t_1 + t_1$

$HSM(\overline{5_{31}}) = v^{-1}z^3t_{-2}t_1 + z^2t_{-1}^2t_1 + t_{-1} - v^{-2}z^2t_{-1}$

$HSM(5_{32}) = -vzt_1t_2 + v^{-1}z^3t_1t_2 + v^{-1}zt_1t_2 + t_3 - v^{-2}z^2t_3$

$HSM(\overline{5_{32}}) = v^{-1}z^3t_{-2}t_{-1} - v^{-1}zt_{-2}t_{-1} - v^{-3}zt_{-2}t_{-1} + z^2t_{-1}^3 - v^{-2}z^2t_3 + v^{-4}t_3$

$HSM(5_{33}) = v^{-1}zt_1^2 + v^2t_2 - z^2t_2$

$HSM(\overline{5_{33}}) = -v^{-2}z^2t_{-2} + v^{-4}t_{-2} - vzt_{-1}^2 + v^{-1}z^3t_{-1}^2 - v^{-3}zt_{-1}^2$

$HSM(5_{34}) = -v^{-2}z^2t_{-2} + v^{-2}t_{-2} + z^2t_1^2t_2 - v^{-1}zt_1t_3 + v^{-1}z^3t_2^2$

$HSM(\overline{5_{34}}) = -v^{-3}zt_{-2}^2-v^{-2}z^4t_{-2}t_{-1}^2+2v^{-2}z^2t_{-2}t_{-1}^2-v^{-1}z^3t_{-1}^4+2v^{-5}z^3t_{-1}t_3-v^{-5}zt_{-1}t_3-2v^{-4}z^4t_2+v^{-4}t_2$

$HSM(5_{35}) = v^3zt_{-2}t_2 + v^3z^3t_{-1}t_1 + v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z + v^3z^{-1}$

$HSM(\overline{5_{35}}) = v^{-6}z^2t_{-2}t_1^2 - v^{-7}zt_{-2}t_2 - v^{-5}z^3t_{-1}^2t_1^2 + v^{-6}z^2t_{-1}^2t_2 - v^{-3}z^3t_{-1}t_1 - v^{-3}zt_{-1}t_1 - v^{-3}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$

$HSM(5_{36}) = v^3zt_1t_2 - vz^3t_1t_2 - vzt_1t_2 + z^2t_3 + t_3$

$HSM(\overline{5_{36}}) = -v^{-3}z^3t_{-2}t_{-1} - v^{-3}zt_{-2}t_{-1} - v^{-5}zt_{-2}t_{-1} + v^{-4}z^2t_{-1}^3 + v^{-4}z^2t_3 + v^{-4}t_3$

$HSM(5_{37}) = v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - v^{-3}zt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$

$HSM(\overline{5_{37}}) = v^3zt_{-1}t_1 - vz^3t_{-1}t_1 - vzt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$

$HSM(5_{38}) = -v^2z^2t_{-2}t_1^2 + vzt_{-2}t_2 - v^3z - v^3z^{-1} + vz + vz^{-1}$

$HSM(\overline{5_{38}}) = -v^{-5}zt_{-2}t_2 + v^{-4}z^2t_{-1}^2t_2 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z + v^{-3}z^{-1}$

$HSM(5_{39}) = -v^{-3}zt_{-2}t_{-1} + v^{-2}z^2t_3 + v^{-2}t_3$

$HSM(\overline{5_{39}}) = -v^2z^2t_1^3 + z^4t_1^3 + z^2t_1^3 + vzt_1t_2 - 2v^{-1}z^3t_1t_2 - 2v^{-1}zt_1t_2 + v^{-2}z^2t_3 + v^{-2}t_3$

$HSM(5_{40}) = v^3z^3t_{-1}t_2 + 2v^3zt_{-1}t_2 + v^4z^2t_1 + v^4t_1$

$HSM(\overline{5_{40}}) = -v^{-5}z^3t_{-2}t_1 - 2v^{-5}zt_{-2}t_1 + v^{-4}z^4t_{-1}^2t_1 + 2v^{-4}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1} + v^{-4}t_{-1}$

$HSM(5_{41}) = -v^{-5}z^3t_{-2}^2-2v^{-5}zt_{-2}^2+v^{-4}z^4t_{-2}t_{-1}^2+2v^{-4}z^2t_{-2}t_{-1}^2-v^{-7}z^3t_{-1}t_3-v^{-7}zt_{-1}t_3+v^{-6}z^4t_2+2v^{-6}z^2t_2+v^{-6}t_2$

$HSM(\overline{5_{41}}) = z^2t_{-2} + t_{-2} - v^2z^2t_1^2t_2 - vz^3t_1t_3 - vzt_1t_3 + vzt_2^2$

$HSM(5_{42}) = v^3zt_{-1}t_2 + vzt_{-1}t_2 + v^4t_1$

$HSM(\overline{5_{42}}) = -v^{-3}zt_{-2}t_1 - v^{-5}zt_{-2}t_1 + v^{-2}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-4}t_{-1}$

$HSM(5_{43}) = v^{-2}t_{-2} + v^{-1}z^3t_1^4 + z^2t_1^2t_2 - 2v^{-2}z^2t_1^2t_2 - v^{-1}zt_1t_3 + v^{-3}zt_1t_3 - v^{-1}zt_2^2$

$HSM(\overline{5_{43}}) = -v^{-3}zt_{-1}t_3 - v^{-5}zt_{-1}t_3 + v^{-2}z^2t_2 + v^{-4}z^2t_2 + v^{-4}t_2$

$HSM(5_{44}) = vzt_{-2}t_{-1} - z^2t_{-1}t_1t_3 + v^2t_3 + z^2t_3$

$HSM(\overline{5_{44}}) = v^{-4}z^2t_{-2}^2t_1 - v^{-3}z^3t_{-2}t_{-1}^2t_1 + v^{-3}z^3t_{-2}t_{-1} - 2v^{-5}zt_{-2}t_{-1} + v^{-4}z^2t_{-1}^3 + v^{-4}z^2t_{-1}t_1t_3 - v^{-3}z^3t_1t_2 - v^{-3}zt_1t_2 - v^{-4}z^2t_3 + v^{-6}t_3$

$HSM(5_{45}) = -v^{-2}z^2t_{-2}t_{-1}t_1 + t_{-2} + v^{-1}z^3t_{-1}^3t_1 - vzt_{-1}^2 + v^{-1}zt_{-1}^2$

$HSM(\overline{5_{45}}) = -z^2t_{-1}t_1t_2 - vzt_1^2 + v^{-2}t_2$

$HSM(5_{46}) = -z^2t_{-2}t_1t_2 + v^{-1}zt_{-2}t_3 + v^2t_1$

$HSM(\overline{5_{46}}) = -v^{-3}z^3t_{-2}t_{-1}t_1^2+v^{-4}z^2t_{-2}t_{-1}t_2+v^{-3}z^3t_{-2}t_1-v^{-2}z^4t_{-1}-2v^{-2}z^2t_{-1}+v^{-2}t_{-1}+z^2t_1^2t_3-v^{-1}zt_2t_3$

$HSM(5_{47}) = v^{-4}z^2t_{-2}^3 - v^{-3}z^3t_{-2}^2t_{-1}^2 + v^{-10}z^2t_{-2}t_{-1}t_3 - v^{-9}z^3t_{-2}t_2 - 2v^{-9}zt_{-2}t_2 - v^{-8}z^4t_{-1}^2t_2 + v^{-8}z^2t_{-1}^2t_2+v^{-7}z^5t_{-1}t_1-2v^{-7}z^3t_{-1}t_1-v^{-7}zt_{-1}t_1-3v^{-5}z^3-5v^{-5}z-v^{-5}z^{-1}+3v^{-7}z^3+5v^{-7}z+v^{-7}z^{-1}$

$HSM(\overline{5_{47}}) = -v^{-5}zt_{-1}t_1 + v^{-2}z^2t_1t_2t_3 - v^{-3}zt_3^2 - v^{-3}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(5_{48}) = -v^{-1}zt_{-2}t_3 + v^{-1}zt_{-1}t_2 + t_1$
$HSM(\overline{5_{48}}) = 2v^{-3}z^3t_{-2}t_{-1}t_1^2 - 2v^{-4}z^2t_{-2}t_{-1}t_2 - v^{-1}zt_{-2}t_1 - v^{-3}z^3t_{-2}t_1 - v^{-2}z^4t_{-1}^3t_1^2 + v^{-3}z^3t_{-1}^3t_2 + z^2t_{-1}^2t_1 + t_{-1} + v^{-2}z^4t_{-1} + 2v^{-2}z^2t_{-1} - z^2t_1^2t_3 + v^{-1}zt_2t_3$
$HSM(5_{49}) = -v^{-3}zt_{-2}^2 - v^{-5}zt_{-2}^2 + v^{-2}z^2t_{-2}t_{-1}^2 + v^{-4}z^2t_{-2}t_{-1}^2 - v^{-7}zt_{-1}t_3 + v^{-6}z^2t_2 + v^{-6}t_2$
$HSM(\overline{5_{49}}) = t_{-2} - z^2t_1^2t_2 - vzt_1t_3 + v^{-1}zt_2^2$
$HSM(5_{50}) = v^3z^3t_1^2 + 2v^3zt_1^2 + v^4z^2t_2 + v^4t_2$
$HSM(\overline{5_{50}}) = v^{-6}z^2t_{-2} + v^{-6}t_{-2} - v^{-3}z^3t_{-1}^2 - 2v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - v^{-5}zt_{-1}^2$
$HSM(5_{51}) = v^4z^2t_{-1}t_1^2 - v^6t_1 + v^4t_1 + v^2z^2t_1 + v^2t_1$
$HSM(\overline{5_{51}}) = v^{-4}z^2t_{-1}^2t_1 + v^{-2}z^2t_{-1} + v^{-2}t_{-1} + v^{-4}t_{-1} - v^{-6}t_{-1}$
$HSM(5_{52}) = v^{-3}z^3t_{-2}t_1 + v^{-3}zt_{-2}t_1 - v^{-2}z^4t_{-1}^2t_1 - 2v^{-2}z^2t_{-1}^2t_1 + z^2t_{-1} + 2t_{-1} - v^{-2}t_{-1}$
$HSM(\overline{5_{52}}) = -v^2z^2t_{-1}t_1^2 - vz^3t_{-1}t_2 - vzt_{-1}t_2 - v^2t_1 + z^2t_1 + 2t_1$
$HSM(5_{53}) = z^2t_{-2} + t_{-2} - v^2z^2t_1^2t_2 + vzt_1t_3 - vz^3t_2^2 - vzt_2^2$
$HSM(\overline{5_{53}}) = v^{-4}z^4t_{-2}t_{-1}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2 - 2v^{-7}z^3t_{-1}t_3 - 3v^{-7}zt_{-1}t_3 + 2v^{-6}z^4t_2 + 4v^{-6}z^2t_2 + v^{-6}t_2$
$HSM(5_{54}) = -v^{-3}z^3t_{-2}t_1 - 2v^{-3}zt_{-2}t_1 + v^{-4}z^2t_{-1} + v^{-4}t_{-1}$
$HSM(\overline{5_{54}}) = -v^2z^4t_{-1}t_1^2 - 2v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + 2vzt_{-1}t_2 + v^4z^2t_1 + v^4t_1$
$HSM(5_{55}) = v^{-4}z^2t_{-2}t_{-1}t_1 + v^{-2}z^2t_{-2} + v^{-2}t_{-2} - v^{-4}z^2t_{-2} - v^{-3}zt_1t_3$
$HSM(\overline{5_{55}}) = -v^2z^2t_{-1}t_1t_2 + vzt_{-1}t_3 - vz^3t_1^2 - vzt_1^2 + z^2t_2 + t_2$
$HSM(5_{56}) = -v^{-3}z^3t_{-2}^2 - 2v^{-3}zt_{-2}^2 + v^{-4}z^2t_2 + v^{-4}t_2$
$HSM(\overline{5_{56}}) = v^{-2}z^2t_{-2} + v^{-2}t_{-2} + vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 - 2v^{-1}z^3t_1t_3 - 2v^{-1}zt_1t_3 + v^{-1}zt_2^2$
$HSM(5_{57}) = v^3zt_1^2 + vzt_1^2 + v^4t_2$
$HSM(\overline{5_{57}}) = v^{-6}t_{-2} - v^{-1}zt_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}zt_{-1}^2$
$HSM(5_{58}) = -v^2z^2t_{-1}t_1^2 - z^2t_{-1}t_1^2 + vzt_{-1}t_2 + v^{-1}zt_{-1}t_2 + v^4t_1$
$HSM(\overline{5_{58}}) = -v^{-1}zt_{-2}t_1 - v^{-3}zt_{-2}t_1 + v^{-4}t_{-1}$
$HSM(5_{59}) = t_{-2} - z^2t_1^2t_2 + v^{-1}zt_1t_3 - vzt_2^2$
$HSM(\overline{5_{59}}) = v^{-2}z^2t_{-2}t_{-1}^2 + v^{-4}z^2t_{-2}t_{-1}^2 - v^{-5}zt_{-1}t_3 - 2v^{-7}zt_{-1}t_3 + v^{-4}z^2t_2 + 2v^{-6}z^2t_2 + v^{-6}t_2$
$HSM(5_{60}) = -z^2t_{-1}t_1^2 - vzt_{-1}t_2 + v^{-2}t_1$
$HSM(\overline{5_{60}}) = v^{-3}zt_{-2}t_1 - z^2t_{-1}^2t_1 - v^{-2}z^2t_{-1}^2t_1 + v^2t_{-1}$
$HSM(5_{61}) = -vz^3t_{-1}^2t_1^2 + z^2t_{-1}^2t_2 + 2v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{5_{61}}) = v^{-2}z^2t_{-1}^2t_2 - 2v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(5_{62}) = v^{-1}zt_{-2}t_{-1} + v^{-1}z^3t_{-1}t_1^2t_2 - 2v^{-2}z^2t_{-1}t_1t_3 - vzt_1t_2 + t_3 + v^{-2}z^2t_3$
$HSM(\overline{5_{62}}) = v^{-2}z^2t_{-2}^2t_1 - v^{-3}zt_{-2}t_{-1} - v^{-1}zt_1t_2 - v^{-2}z^2t_3 + v^{-4}t_3$
$HSM(5_{63}) = -z^2t_{-1}t_1t_2 + v^{-1}zt_1^2 + v^2t_2$
$HSM(\overline{5_{63}}) = -v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-4}t_{-2} + v^{-1}z^3t_{-1}^3t_1 - vzt_{-1}^2 - v^{-3}zt_{-1}^2$
$HSM(5_{64}) = -v^{-2}z^2t_{-2}t_1t_2 + v^{-3}zt_{-2}t_3 + v^{-1}z^3t_{-1}^2t_1t_2 - v^{-2}z^2t_{-1}^2t_3 - vzt_{-1}t_2 + t_1$
$HSM(\overline{5_{64}}) = v^{-2}z^2t_{-2}t_{-1}t_2 - v^{-1}z^3t_{-2}t_1 + v^{-3}zt_{-2}t_1 - v^{-2}z^2t_{-1}^2t_1 - 2z^2t_{-1} + t_{-1} - vzt_2t_3$
$HSM(5_{65}) = -2v^{-7}zt_{-2}t_2 + 2v^{-5}z^3t_{-1}t_1 + v^{-2}z^2t_2^3 - 4v^{-3}z - v^{-3}z^{-1} + 4v^{-5}z + v^{-5}z^{-1}$
$HSM(\overline{5_{65}}) = -v^{-3}z^3t_{-2}^2t_{-1}^2 + 2v^{-10}z^2t_{-2}t_{-1}t_3 - 2v^{-9}z^3t_{-2}t_2 - 2v^{-8}z^4t_{-1}^2t_2 + v^{-8}z^2t_{-1}^2t_2 + 2v^{-7}z^5t_{-1}t_1 - 6v^{-7}z^3t_{-1}t_1 - 2v^{-7}zt_{-1}t_1 - v^{-5}zt_3^2 - 5v^{-5}z^3 - 2v^{-5}z - v^{-5}z^{-1} + 5v^{-7}z^3 + 2v^{-7}z + v^{-7}z^{-1}$
$HSM(5_{66}) = -v^{-1}zt_{-2}^2 - v^{-3}zt_{-2}^2 + v^{-4}t_2$
$HSM(\overline{5_{66}}) = v^{-2}t_{-2} + v^{-1}z^3t_1^4 + z^2t_1^2t_2 - 2v^{-2}z^2t_1^2t_2 - 2v^{-1}zt_1t_3 + v^{-3}zt_2^2$
$HSM(5_{67}) = v^2t_{-2} + vzt_1t_3$
$HSM(\overline{5_{67}}) = -v^{-7}zt_{-2}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2 + 3v^{-6}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4 - v^{-5}z^3t_{-1}^4 - v^{-7}zt_{-1}t_3 - 2v^{-9}zt_{-1}t_3 + v^{-6}z^2t_2 + 2v^{-8}z^2t_2 + v^{-8}t_2$
$HSM(5_{68}) = -v^{-4}z^2t_{-2}^2t_1 + 3v^{-3}z^3t_{-2}t_{-1}^2t_1 - 2v^{-1}zt_{-2}t_{-1} - 2v^{-3}z^3t_{-2}t_{-1} - v^{-2}z^4t_{-1}^4t_1 + z^2t_{-1}^3 - 2v^{-4}z^2t_{-1}t_1t_3 + 2v^{-3}z^3t_1t_2 + v^{-3}zt_1t_2 + v^{-2}t_3 + v^{-4}z^2t_3$
$HSM(\overline{5_{68}}) = -vzt_{-2}t_{-1} - z^2t_3 + v^{-2}t_3$
$HSM(5_{69}) = -v^{-5}zt_{-2}t_2 + v^{-3}z^3t_{-1}t_1 - 2v^{-1}z - v^{-1}z^{-1} + 2v^{-3}z + v^{-3}z^{-1}$
$HSM(\overline{5_{69}}) = -2v^{-5}z^3t_{-2}^2t_{-1}^2 + v^{-4}z^4t_{-2}t_{-1}^4 + 4v^{-12}z^2t_{-2}t_{-1}t_3 - 4v^{-11}z^3t_{-2}t_2 - v^{-11}zt_{-2}t_2 - 2v^{-11}z^3t_{-1}^3t_3 + 2v^{-10}z^4t_{-1}^2t_2 + 2v^{-10}z^2t_{-1}^2t_2 - 2v^{-9}z^5t_{-1}t_1 - 11v^{-9}z^3t_{-1}t_1 - 2v^{-9}zt_{-1}t_1 - v^{-7}zt_3^2 - 2v^{-7}z^5 - 10v^{-7}z^3 -$

$4v^{-7}z - v^{-7}z^{-1} + 2v^{-9}z^5 + 10v^{-9}z^3 + 4v^{-9}z + v^{-9}z^{-1}$

$HSM(5_{70}) = 2v^{-4}z^2t_{-2}t_{-1}t_2 - v^{-3}z^3t_{-2}t_1 - v^{-3}z^3t_{-1}^3t_2 - 2v^{-2}z^2t_{-1} + v^{-2}t_{-1} - v^{-1}zt_2t_3$

$HSM(\overline{5_{70}}) = v^{-1}zt_{-2}t_3 - z^2t_{-1}^2t_3 + v^2t_1$

$HSM(5_{71}) = -v^{-3}zt_{-2}t_2 + v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$

$HSM(\overline{5_{71}}) = -z^2t_{-2}t_1^2 + v^{-1}zt_{-2}t_2 + vz^3t_{-1}^2t_1^2 - z^2t_{-1}^2t_2 - vz^3t_{-1}t_1 - vzt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$

$HSM(5_{72}) = vzt_{-2}t_3 + v^3zt_{-1}t_2 + v^4t_1$

$HSM(\overline{5_{72}}) = -2v^{-5}z^3t_{-2}t_{-1}t_1^2 + 2v^{-6}z^2t_{-2}t_{-1}t_2 + v^{-5}z^3t_{-2}t_1 - v^{-5}zt_{-2}t_1 + v^{-4}z^4t_{-1}^3t_1^2 - v^{-5}z^3t_{-1}^3t_2 + v^{-4}z^2t_{-1}^2t_1 - v^{-4}z^4t_{-1} - 2v^{-4}z^2t_{-1} + v^{-4}t_{-1} + v^{-2}z^2t_1^2t_3 - v^{-3}zt_2t_3$

$HSM(5_{73}) = 2v^{-10}z^2t_{-2}t_{-1}t_3 - 2v^{-9}z^3t_{-2}t_2 - v^{-9}zt_{-2}t_2 - v^{-9}z^3t_{-1}^3t_3 + v^{-8}z^4t_{-1}^2t_2 + v^{-8}z^2t_{-1}^2t_2 - v^{-7}z^5t_{-1}t_1 - 5v^{-7}z^3t_{-1}t_1 - v^{-7}zt_{-1}t_1 - v^{-5}zt_3^2 - v^{-5}z^5 - 5v^{-5}z^3 - 3v^{-5}z - v^{-5}z^{-1} + v^{-7}z^5 + 5v^{-7}z^3 + 3v^{-7}z + v^{-7}z^{-1}$

$HSM(\overline{5_{73}}) = v^{-6}z^2t_{-2}t_1^2 - v^{-7}zt_{-2}t_2 - v^{-5}z^3t_{-1}t_1 - v^{-5}zt_{-1}t_1 - v^{-3}z^3 - 3v^{-3}z - v^{-3}z^{-1} + v^{-5}z^3 + 3v^{-5}z + v^{-5}z^{-1}$

$HSM(\overline{5_{74}}) = -v^{-7}z^3t_{-2}^2 - v^{-7}zt_{-2}^2 + 3v^{-6}z^4t_{-2}t_{-1}^2 + 5v^{-6}z^2t_{-2}t_{-1}^2 - v^{-5}z^5t_{-1}^4 - 2v^{-5}z^3t_{-1}^4 - 2v^{-9}z^3t_{-1}t_3 - 3v^{-9}zt_{-1}t_3 + 2v^{-8}z^4t_2 + 4v^{-8}z^2t_2 + v^{-8}t_2$

$HSM(\overline{5_{75}}) = vz^3t_{-1}t_1^3 - 2z^2t_{-1}t_1t_2 + v^{-1}zt_{-1}t_3 - vz^3t_1^2 - vzt_1^2 + z^2t_2 + t_2$

$HSM(\overline{5_{76}}) = -2v^{-1}zt_{-2}t_{-1} + 2v^{-3}z^3t_{-2}t_{-1} + v^{-3}zt_{-2}t_{-1} + z^2t_{-1}^3 - v^{-2}z^4t_{-1}^3 - v^{-2}z^2t_{-1}^3 + v^{-2}t_3 - v^{-4}z^2t_3$

$HSM(5_{77}) = -v^{-2}z^2t_{-2} + v^{-2}t_{-2} + z^2t_1^2t_2 + v^{-1}z^3t_1t_3 - v^{-1}zt_2^2$

$HSM(\overline{5_{77}}) = v^{-3}z^3t_{-2}^2 - v^{-2}z^4t_{-2}t_{-1}^2 + 2v^{-2}z^2t_{-2}t_{-1}^2 - v^{-1}z^3t_{-1}^4 + v^{-5}z^3t_{-1}t_3 - 2v^{-5}zt_{-1}t_3 - v^{-4}z^4t_2 + v^{-4}z^2t_2 + v^{-4}t_2$

$HSM(5_{78}) = v^{-1}zt_{-1}t_2 + v^2t_1 - z^2t_1$

$HSM(\overline{5_{78}}) = -v^{-1}zt_{-2}t_1 + z^2t_{-1}^2t_1 - z^2t_{-1} + v^{-2}t_{-1}$

$HSM(5_{79}) = v^3zt_{-1}t_3 + v^2z^2t_2 + v^2t_2$

$HSM(\overline{5_{79}}) = 2v^{-6}z^2t_{-2}t_{-1}t_1 + v^{-4}z^2t_{-2} + v^{-4}t_{-2} - v^{-6}z^2t_{-2} - v^{-5}z^3t_{-1}^3t_1 - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}zt_1t_3$

$HSM(5_{80}) = -v^{-5}z^3t_{-1}t_3 - 2v^{-5}zt_{-1}t_3 + v^{-4}z^4t_2 + 3v^{-4}z^2t_2 + v^{-4}t_2$

$HSM(\overline{5_{80}}) = v^{-2}z^2t_{-2} + v^{-2}t_{-2} + vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 - v^{-1}z^3t_1t_3 - v^{-1}z^3t_2^2 - v^{-1}zt_2^2$

$HSM(5_{81}) = v^2z^2t_{-2} + v^2t_{-2} + v^3zt_2^2$

$HSM(\overline{5_{81}}) = -v^{-7}z^3t_{-2}^2 - 2v^{-7}zt_{-2}^2 + 3v^{-6}z^4t_{-2}t_{-1}^2 + 5v^{-6}z^2t_{-2}t_{-1}^2 - v^{-5}z^5t_{-1}^4 - 2v^{-5}z^3t_{-1}^4 - 2v^{-9}z^3t_{-1}t_3 - 2v^{-9}zt_{-1}t_3 + 2v^{-8}z^4t_2 + 3v^{-8}z^2t_2 + v^{-8}t_2$

$HSM(5_{82}) = v^2t_{-2} + vzt_2^2$

$HSM(\overline{5_{82}}) = -v^{-5}zt_{-2}^2 - v^{-7}zt_{-2}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2 + 3v^{-6}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4 - v^{-5}z^3t_{-1}^4 - 2v^{-9}zt_{-1}t_3 + 2v^{-8}z^2t_2 + v^{-8}t_2$

$HSM(5_{83}) = v^{-1}z^3t_{-2}t_1^3 - 2v^{-2}z^2t_{-2}t_1t_2 + v^{-3}zt_{-2}t_3 + v^2t_1$

$HSM(\overline{5_{83}}) = v^{-1}z^3t_{-2}t_1 - z^4t_{-1} - 2z^2t_{-1} + v^{-2}t_{-1} + v^2z^2t_1^2t_3 - vzt_2t_3$

$HSM(5_{84}) = -v^{-1}zt_3^2 - v^{-1}z^{-1} + v^{-3}z^{-1}$

$HSM(\overline{5_{84}}) = v^{-6}z^2t_{-2}^3 - 2v^{-5}z^3t_{-2}^2t_{-1}^2 + v^{-4}z^4t_{-2}t_{-1}^4 + 2v^{-12}z^2t_{-2}t_{-1}t_3 - 2v^{-11}z^3t_{-2}t_2 - 2v^{-11}zt_{-2}t_2 - 2v^{-11}z^3t_{-1}^3t_3 + 4v^{-10}z^4t_{-1}^2t_2 + 3v^{-10}z^2t_{-1}^2t_2 - 4v^{-9}z^5t_{-1}t_1 - 8v^{-9}z^3t_{-1}t_1 - 2v^{-9}zt_{-1}t_1 - 2v^{-7}z^5 - 7v^{-7}z^3 - 6v^{-7}z - v^{-7}z^{-1} + 2v^{-9}z^5 + 7v^{-9}z^3 + 6v^{-9}z + v^{-9}z^{-1}$

$HSM(\overline{5_{85}}) = v^{-8}z^2t_{-2}^3 - 6v^{-7}z^3t_{-2}^2t_{-1}^2 + 5v^{-6}z^4t_{-2}t_{-1}^4 + 6v^{-14}z^2t_{-2}t_{-1}t_3 - 6v^{-13}z^3t_{-2}t_2 - 2v^{-13}zt_{-2}t_2 - v^{-5}z^5t_{-1}^6 - 4v^{-13}z^3t_{-1}^3t_3 + 6v^{-12}z^4t_{-1}^2t_2 + 3v^{-12}z^2t_{-1}^2t_2 - 6v^{-11}z^5t_{-1}t_1 - 16v^{-11}z^3t_{-1}t_1 - 2v^{-11}zt_{-1}t_1 - v^{-9}zt_3^2 - 4v^{-9}z^5 - 15v^{-9}z^3 - 6v^{-9}z - v^{-9}z^{-1} + 4v^{-11}z^5 + 15v^{-11}z^3 + 6v^{-11}z + v^{-11}z^{-1}$

$HSM(5_{86}) = v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz - 2vz^{-1} + 2v^{-1}z + 3v^{-1}z^{-1} - v^{-3}z - v^{-3}z^{-1}$

$HSM(\overline{5_{86}}) = -vz^3t_{-1}t_1 - vzt_{-1}t_1 + v^3z + v^3z^{-1} - 2vz - 3vz^{-1} + v^{-1}z + 2v^{-1}z^{-1}$

$HSM(5_{87}) = v^5zt_1^2 + v^3zt_1^2 + v^4z^2t_2 + v^4t_2 + v^2z^2t_2$

$HSM(\overline{5_{87}}) = v^{-4}z^2t_{-2} + v^{-6}z^2t_{-2} + v^{-6}t_{-2} - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - 2v^{-5}zt_{-1}^2$

$HSM(5_{88}) = v^5zt_1^2 + v^4z^2t_2 + v^2z^2t_2 + v^2t_2$

$HSM(\overline{5_{88}}) = v^{-4}z^2t_{-2} + v^{-4}t_{-2} + v^{-6}z^2t_{-2} - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - v^{-5}zt_{-1}^2$

$HSM(5_{89}) = v^3z^3t_{-1}t_1 + v^3zt_{-1}t_1 + v^7z^{-1} - 2v^5z - 3v^5z^{-1} + 2v^3z + 2v^3z^{-1}$

$HSM(\overline{5_{89}}) = -v^{-3}z^3t_{-1}t_1 - v^{-3}zt_{-1}t_1 - 2v^{-3}z - 2v^{-3}z^{-1} + 2v^{-5}z + 3v^{-5}z^{-1} - v^{-7}z^{-1}$

$HSM(5_{90}) = v^5zt_{-1}t_1 + v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z^{-1} + vz$
$HSM(\overline{5_{90}}) = -v^{-3}zt_{-1}t_1 - v^{-5}zt_{-1}t_1 - v^{-1}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(5_{91}) = v^5zt_{-1}t_1 - v^5z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{5_{91}}) = -v^{-5}zt_{-1}t_1 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z^{-1} + v^{-5}z$
$HSM(5_{92}) = v^3zt_{-1}t_2 - v^6t_1 + v^4z^2t_1 + 2v^4t_1 + v^2z^2t_1$
$HSM(\overline{5_{92}}) = -v^{-5}zt_{-2}t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-2}z^2t_{-1} + v^{-4}z^2t_{-1} + 2v^{-4}t_{-1} - v^{-6}t_{-1}$
$HSM(5_{93}) = v^5z^3t_1^2 + 2v^5zt_1^2 + v^4z^4t_2 + 3v^4z^2t_2 + v^4t_2$
$HSM(\overline{5_{93}}) = v^{-6}z^4t_{-2} + 3v^{-6}z^2t_{-2} + v^{-6}t_{-2} - v^{-5}z^5t_{-1}^2 - 4v^{-5}z^3t_{-1}^2 - 3v^{-5}zt_{-1}^2$
$HSM(5_{94}) = v^5z^3t_{-1}t_1 + 2v^5zt_{-1}t_1 - v^5z^3 - 3v^5z - v^5z^{-1} + v^3z^3 + 3v^3z + v^3z^{-1}$
$HSM(\overline{5_{94}}) = -v^{-5}z^3t_{-1}t_1 - 2v^{-5}zt_{-1}t_1 - v^{-3}z^3 - 3v^{-3}z - v^{-3}z^{-1} + v^{-5}z^3 + 3v^{-5}z + v^{-5}z^{-1}$
$HSM(5_{95}) = v^5z^3t_{-1}t_1 + v^5zt_{-1}t_1 + v^7z^{-1} - v^5z^3 - 3v^5z - 3v^5z^{-1} + v^3z^3 + 3v^3z + 2v^3z^{-1}$
$HSM(\overline{5_{95}}) = -v^{-5}z^3t_{-1}t_1 - v^{-5}zt_{-1}t_1 - v^{-3}z^3 - 3v^{-3}z - 2v^{-3}z^{-1} + v^{-5}z^3 + 3v^{-5}z + 3v^{-5}z^{-1} - v^{-7}z^{-1}$

Knots in $L(7,1)$

$HSM(0_1) = t_1$
$HSM(1_1) = t_2$
$HSM(\overline{1_1}) = v^{-2}t_{-2} - v^{-1}zt_{-1}^2$
$HSM(2_1) = vzt_{-1}t_1 - v^3z^{-1} + vz^{-1}$
$HSM(\overline{2_1}) = -v^{-1}zt_{-1}t_1 - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(*2_2) = -v^{-1}zt_1t_2 + v^{-2}t_3$
$HSM(2_3) = t_3$
$HSM(\overline{2_3}) = v^{-4}t_{-3} - 2v^{-3}zt_{-2}t_{-1} + v^{-2}z^2t_{-1}^3$
$HSM(3_1) = vzt_{-1}t_2 + v^2t_1$
$HSM(\overline{3_1}) = -v^{-3}zt_{-2}t_1 + v^{-2}z^2t_{-1}^2t_1 + v^{-2}t_{-1}$
$HSM(3_2) = -v^{-3}zt_{-3}t_{-1} - v^{-3}zt_{-2}^2 + v^{-2}z^2t_{-2}t_{-1}^2 + v^{-4}t_3$
$HSM(\overline{3_2}) = v^{-2}t_{-3} - v^{-1}zt_1t_3$
$HSM(3_3) = vzt_1^2 + v^2t_2$
$HSM(\overline{3_3}) = v^{-4}t_{-2} - v^{-1}zt_{-1}^2 - v^{-3}zt_{-1}^2$
$HSM(3_4) = -z^2t_{-1}t_1^2 + v^{-1}zt_{-1}t_2 + v^2t_1$
$HSM(\overline{3_4}) = -v^{-1}zt_{-2}t_1 + v^{-2}t_{-1}$
$HSM(3_5) = v^{-2}t_{-3} - v^{-1}zt_2^2$
$HSM(\overline{3_5}) = -2v^{-3}zt_{-3}t_{-1} + v^{-2}z^2t_{-2}t_{-1}^2 + v^{-4}t_3$
$HSM(\overline{3_6}) = -2v^{-5}zt_{-3}t_{-1} - v^{-5}zt_{-2}^2 + 3v^{-4}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4 + v^{-6}t_3$
$HSM(3_7) = v^3zt_1^2 + v^2z^2t_2 + v^2t_2$
$HSM(\overline{3_7}) = v^{-4}z^2t_{-2} + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^2 - 2v^{-3}zt_{-1}^2$
$HSM(3_8) = v^3zt_{-1}t_1 - v^3z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{3_8}) = -v^{-3}zt_{-1}t_1 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z + v^{-3}z^{-1}$
$HSM(4_1) = vzt_{-1}t_3 + v^2t_2$
$HSM(\overline{4_1}) = -v^{-5}zt_{-3}t_1 + 2v^{-4}z^2t_{-2}t_{-1}t_1 + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^3t_1 - v^{-3}zt_{-1}^2$
$HSM(4_2) = -2v^{-5}zt_{-3}t_{-2} + v^{-4}z^2t_{-3}t_{-1}^2 + 2v^{-4}z^2t_{-2}^2t_{-1} - v^{-3}z^3t_{-2}t_{-1}^3 - v^{-7}zt_{-1}t_3 + v^{-6}z^2t_2 + v^{-6}t_2$
$HSM(\overline{4_2}) = -v^{-3}zt_{-3}t_1 + v^{-2}z^2t_{-2} + v^{-2}t_{-2}$
$HSM(4_3) = v^2z^2t_{-1}t_1^2 - v^4t_1 + 2v^2t_1$
$HSM(\overline{4_3}) = v^{-2}z^2t_{-1}^2t_1 + 2v^{-2}t_{-1} - v^{-4}t_{-1}$
$HSM(4_4) = -z^2t_{-1}t_1t_2 + v^{-1}zt_{-1}t_3 - vzt_1^2 + t_2$
$HSM(\overline{4_4}) = -v^{-3}zt_{-3}t_1 + v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-2}t_{-2}$
$HSM(4_5) = v^{-4}t_{-2} + v^{-2}z^2t_1t_2^2 - 2v^{-3}zt_2t_3$
$HSM(\overline{4_5}) = -2v^{-5}zt_{-3}t_1 + 2v^{-4}z^2t_{-2} + v^{-4}t_{-2} + v^{-2}z^2t_1^2t_3$
$HSM(4_6) = v^3z^3t_{-1}t_1 + 2v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z + v^3z^{-1}$

$HSM(\overline{4_6}) = -v^{-3}z^3t_{-1}t_1 - 2v^{-3}zt_{-1}t_1 - v^{-3}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(4_7) = v^3zt_{-1}t_2 + v^2z^2t_1 + v^2t_1$
$HSM(\overline{4_7}) = -v^{-5}zt_{-2}t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-2}z^2t_{-1} + v^{-2}t_{-1}$
$HSM(4_8) = v^{-4}z^2t_{-3} + v^{-4}t_{-3} - v^{-3}z^3t_{-2}t_{-1} - 2v^{-3}zt_{-2}t_{-1}$
$HSM(\overline{4_8}) = -v^2z^2t_1^3 - vz^3t_1t_2 + z^2t_3 + t_3$
$HSM(4_9) = v^{-2}z^2t_{-2} + v^{-2}t_{-2} - v^{-3}zt_{-1}^2$
$HSM(\overline{4_9}) = v^3zt_1^2 - vz^3t_1^2 - vzt_1^2 + z^2t_2 + t_2$
$HSM(4_{10}) = v^3zt_{-1}t_1 + vzt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{4_{10}}) = -v^{-1}zt_{-1}t_1 - v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(4_{11}) = -z^2t_1^3 - vzt_1t_2 + v^{-1}zt_1t_2 + t_3$
$HSM(\overline{4_{11}}) = v^{-4}t_{-3} - v^{-1}zt_{-2}t_{-1} - v^{-3}zt_{-2}t_{-1}$
$HSM(4_{12}) = -z^2t_{-1}t_1t_2 + v^{-1}zt_{-1}t_3 + v^2t_2$
$HSM(\overline{4_{12}}) = -v^{-3}zt_{-3}t_1 + v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-4}t_{-2} - v^{-3}zt_{-1}^2$
$HSM(*4_{13}) = -z^2t_{-1}t_1^2 + v^2t_1 - t_1 + v^{-2}t_1$
$HSM(*4_{14}) = -v^{-5}zt_{-3}t_1 + v^{-4}z^2t_{-2} + v^{-4}t_{-2} + v^{-2}z^2t_1t_2^2 - v^{-3}zt_2t_3$
$HSM(4_{15}) = -v^{-1}zt_{-2}t_2 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(\overline{4_{15}}) = -v^{-2}z^2t_{-2}t_1^2 + v^{-3}zt_{-2}t_2 + v^{-1}z^3t_{-1}^2t_1^2 - v^{-2}z^2t_{-1}^2t_2 - vzt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(4_{16}) = vzt_1t_2 + v^2t_3$
$HSM(\overline{4_{16}}) = v^{-6}t_{-3} - v^{-3}zt_{-2}t_{-1} - 2v^{-5}zt_{-2}t_{-1} + v^{-2}z^2t_{-1}^3 + v^{-4}z^2t_{-1}^3$
$HSM(4_{17}) = v^{-1}z^3t_{-1}t_1^3 - 2v^{-2}z^2t_{-1}t_1t_2 + v^{-3}zt_{-1}t_3 - vzt_1^2 + t_2$
$HSM(\overline{4_{17}}) = -v^{-1}zt_{-1}t_3 + v^{-2}t_2$
$HSM(4_{18}) = v^{-2}t_{-2} - v^{-1}zt_2t_3$
$HSM(\overline{4_{18}}) = -v^{-5}zt_{-3}t_{-2} + 2v^{-4}z^2t_{-3}t_{-1}^2 + v^{-4}z^2t_{-2}^2t_{-1} - v^{-3}z^3t_{-2}t_{-1}^3 - 2v^{-7}zt_{-1}t_3 + 2v^{-6}z^2t_2 + v^{-6}t_2$
$HSM(4_{19}) = v^{-2}z^2t_{-2}t_1^2 - v^{-3}zt_{-2}t_2 - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(\overline{4_{19}}) = -z^2t_{-2}t_1^2 + v^{-1}zt_{-2}t_2 - v^3z^{-1} + vz^{-1}$
$HSM(4_{20}) = vzt_{-2}t_2 + v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{4_{20}}) = v^{-4}z^2t_{-2}t_1^2 - v^{-5}zt_{-2}t_2 - v^{-3}z^3t_{-1}^2t_1^2 + v^{-4}z^2t_{-1}^2t_2 - v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(*4_{21}) = -v^{-5}zt_{-3}t_1 + v^{-4}z^2t_{-2} + v^{-4}t_{-2} + v^{-2}z^2t_1^2t_3 - v^{-3}zt_2t_3$
$HSM(4_{22}) = v^3zt_1t_2 + v^2z^2t_3 + v^2t_3$
$HSM(\overline{4_{22}}) = v^{-6}z^2t_{-3} + v^{-6}t_{-3} - 2v^{-5}z^3t_{-2}t_{-1} - 3v^{-5}zt_{-2}t_{-1} + v^{-4}z^4t_{-1}^3 + 2v^{-4}z^2t_{-1}^3$
$HSM(4_{23}) = -v^{-3}zt_{-2}t_1 + v^{-2}z^2t_{-1} + v^{-2}t_{-1}$
$HSM(\overline{4_{23}}) = -v^2z^2t_{-1}t_1^2 + vzt_{-1}t_2 + v^2z^2t_1 + v^2t_1$
$HSM(\overline{4_{24}}) = -2v^{-7}zt_{-3}t_{-2} + 3v^{-6}z^2t_{-3}t_{-1}^2 + 3v^{-6}z^2t_{-2}^2t_{-1} - 4v^{-5}z^3t_{-2}t_{-1}^3 + v^{-4}z^4t_{-1}^5 - 2v^{-9}zt_{-1}t_3 + 2v^{-8}z^2t_2 + v^{-8}t_2$
$HSM(4_{25}) = v^{-1}zt_{-1}t_1 - v^3z^{-1} + vz + vz^{-1} - v^{-1}z$
$HSM(\overline{4_{25}}) = -vzt_{-1}t_1 + vz - v^{-1}z - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(4_{26}) = -vzt_1^2 - z^2t_2 + v^{-2}t_2$
$HSM(\overline{4_{26}}) = -vzt_1^2 + v^{-1}z^3t_1^2 + v^{-1}zt_1^2 + t_2 - v^{-2}z^2t_2$
$HSM(*4_{27}) = z^2t_1^3 + v^{-1}z^3t_1t_2 - v^{-1}zt_1t_2 - v^{-2}z^2t_3 + v^{-2}t_3$
$HSM(5_1) = v^4z^2t_{-1}t_1^2 + v^3z^3t_{-1}t_2 + v^3zt_{-1}t_2 - v^6t_1 + v^4z^2t_1 + 2v^4t_1$
$HSM(\overline{5_1}) = -v^{-5}z^3t_{-2}t_1 - v^{-5}zt_{-2}t_1 + v^{-4}z^4t_{-1}^2t_1 + 2v^{-4}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1} + 2v^{-4}t_{-1} - v^{-6}t_{-1}$
$HSM(5_2) = -v^2z^2t_{-1}t_1t_2 + vzt_{-1}t_3 + v^2z^2t_2 + v^2t_2$
$HSM(\overline{5_2}) = -v^{-5}zt_{-3}t_1 + v^{-4}z^2t_{-2}t_{-1}t_1 + v^{-4}z^2t_{-2} + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2$
$HSM(5_3) = -v^{-2}z^2t_{-1}^2t_1 + t_{-1} + v^{-2}z^2t_{-1}$
$HSM(\overline{5_3}) = -v^2z^2t_{-1}t_1^2 + v^2z^2t_1 + t_1$
$HSM(5_4) = -v^{-5}z^3t_{-3}t_{-1} - 2v^{-5}zt_{-3}t_{-1} - v^{-5}z^3t_{-2}^2 - v^{-5}zt_{-2}^2 + v^{-4}z^4t_{-2}t_{-1}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2 + v^{-6}z^2t_3 + v^{-6}t_3$
$HSM(\overline{5_4}) = z^2t_{-3} + t_{-3} - v^2z^2t_1^2t_2 - vz^3t_1t_3$
$HSM(5_5) = v^3zt_{-3}t_{-1} + v^2z^2t_3 + v^2t_3$
$HSM(\overline{5_5}) = 2v^{-6}z^2t_{-3}t_{-1}t_1 - v^{-6}z^2t_{-3} + v^{-6}t_{-3} + v^{-6}z^2t_{-2}^2t_1 - 3v^{-5}z^3t_{-2}t_{-1}^2t_1 - 2v^{-5}zt_{-2}t_{-1} +$

$v^{-4}z^4t_{-1}^4t_1 + v^{-4}z^2t_{-1}^3 - v^{-5}zt_1t_3$

$HSM(5_6) = -v^{-7}zt_{-3}^2 + 4v^{-6}z^2t_{-3}t_{-2}t_{-1} - v^{-5}z^3t_{-3}t_{-1}^3 + v^{-6}z^2t_{-2}^3 - 3v^{-5}z^3t_{-2}^2t_{-1}^2 + v^{-4}z^4t_{-2}t_{-1}^4 - 2v^{-11}zt_{-2}t_3 + v^{-10}z^2t_{-1}^2t_3 - v^{-9}zt_{-1}t_2 + v^{-8}z^4t_1 + 5v^{-8}z^2t_1 + v^{-8}t_1$

$HSM(5_7) = v^2z^2t_{-1}^2t_2 + 2v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$

$HSM(\overline{5_7}) = v^{-4}z^2t_{-2}t_1^2 - v^{-3}z^3t_{-1}^2t_1^2 - 2v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$

$HSM(5_8) = vzt_{-3}t_{-1} - z^2t_{-1}t_1t_3 - vzt_1t_2 + z^2t_3 + t_3$

$HSM(\overline{5_8}) = v^{-4}z^2t_{-3}t_{-1}t_1 - v^{-4}z^2t_{-3} + v^{-4}t_{-3} + v^{-4}z^2t_{-2}^2t_1 - v^{-3}z^3t_{-2}t_{-1}^2t_1 - v^{-3}zt_{-2}t_{-1} - v^{-3}zt_1t_3$

$HSM(5_9) = -v^{-5}zt_{-3}^2 + 2v^{-4}z^2t_{-3}t_{-2}t_{-1} + v^{-4}z^2t_{-2}^3 - v^{-3}z^3t_{-2}^2t_{-1}^2 - 2v^{-9}zt_{-2}t_3 + 2v^{-7}z^3t_{-1}t_2 + 4v^{-6}z^2t_1 + v^{-6}t_1$

$HSM(\overline{5_9}) = v^{-6}z^2t_{-3}t_1^2 - 2v^{-5}z^3t_{-2}t_1 - 2v^{-5}zt_{-2}t_1 + v^{-4}z^4t_{-1} + 2v^{-4}z^2t_{-1} + v^{-4}t_{-1}$

$HSM(5_{10}) = v^2z^2t_{-1}t_1^2 + v^3zt_{-1}t_2 + v^2t_1$

$HSM(\overline{5_{10}}) = -v^{-5}zt_{-2}t_1 + v^{-2}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-2}t_{-1}$

$HSM(5_{11}) = -vz^3t_{-1}t_1^3 + z^2t_{-1}t_1t_2 + v^3zt_1^2 - vzt_1^2 + t_2$

$HSM(\overline{5_{11}}) = v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-2}t_{-2} - v^{-3}zt_{-1}^2$

$HSM(5_{12}) = vzt_{-3}t_{-1} - z^2t_{-1}t_2^2 - vzt_1t_2 + z^2t_3 + t_3$

$HSM(\overline{5_{12}}) = 2v^{-4}z^2t_{-3}t_{-1}t_1 - v^{-4}z^2t_{-3} + v^{-4}t_{-3} - v^{-3}z^3t_{-2}t_{-1}^2t_1 - v^{-3}zt_{-2}t_{-1} - v^{-3}zt_1t_3$

$HSM(5_{13}) = -z^2t_{-1}^2t_2 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$

$HSM(\overline{5_{13}}) = -v^{-2}z^2t_{-2}t_1^2 + v^{-1}z^3t_{-1}^2t_1^2 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$

$HSM(5_{14}) = v^{-1}zt_{-3}t_{-1} + v^{-1}z^3t_{-1}t_1^2t_2 - v^{-2}z^2t_{-1}t_1t_3 - v^{-2}z^2t_{-1}t_2^2 - vzt_1t_2 + t_3 + v^{-2}z^2t_3$

$HSM(\overline{5_{14}}) = v^{-2}z^2t_{-3}t_{-1}t_1 - v^{-2}z^2t_{-3} + v^{-4}t_{-3} - v^{-3}zt_{-2}t_{-1} - v^{-1}zt_1t_3$

$HSM(5_{15}) = -v^{-5}zt_{-3}^2 + 3v^{-4}z^2t_{-3}t_{-2}t_{-1} - v^{-3}z^3t_{-2}^2t_{-1}^2 - v^{-9}zt_{-2}t_3 + v^{-7}z^3t_{-1}t_2 - v^{-7}zt_{-1}t_2 + 3v^{-6}z^2t_1 + v^{-6}t_1$

$HSM(\overline{5_{15}}) = -v^{-7}zt_{-3}t_2 + v^{-5}z^3t_{-2}t_1 - v^{-5}zt_{-2}t_1 + 3v^{-4}z^2t_{-1} + v^{-4}t_{-1} + v^{-2}z^2t_1t_2t_3$

$HSM(5_{16}) = -v^{-3}zt_{-3}t_2 + v^{-2}z^2t_{-2}t_{-1}t_2 + v^{-2}t_{-1}$

$HSM(\overline{5_{16}}) = -v^{-2}z^2t_{-2}t_1t_2 + v^{-3}zt_{-2}t_3 + v^{-1}z^3t_{-1}^2t_1t_2 - v^{-2}z^2t_{-1}^2t_3 + v^2t_1$

$HSM(5_{17}) = -v^{-3}zt_{-3}t_{-1} - v^{-5}zt_{-3}t_{-1} - v^{-5}zt_{-2}^2 + v^{-2}z^2t_{-2}t_{-1}^2 + v^{-4}z^2t_{-2}t_{-1}^2 + v^{-6}t_3$

$HSM(\overline{5_{17}}) = t_{-3} - z^2t_1^2t_2 - vzt_1t_3 + v^{-1}zt_1t_3$

$HSM(5_{18}) = v^2z^2t_{-1}t_1t_2 + v^3zt_1^2 + v^2t_2$

$HSM(\overline{5_{18}}) = v^{-4}z^2t_{-2}t_{-1}t_1 + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^3t_1 - 2v^{-3}zt_{-1}^2$

$HSM(5_{19}) = v^{-1}zt_{-3}t_{-1} + v^{-1}z^3t_{-1}t_1^2t_2 - v^{-2}z^2t_{-1}t_1t_3 - v^{-2}z^2t_{-1}t_2^2 + z^2t_1^3 - 2v^{-1}zt_1t_2 + v^{-2}z^2t_3 + v^{-2}t_3$

$HSM(\overline{5_{19}}) = v^{-2}z^2t_{-3}t_{-1}t_1 - v^{-2}z^2t_{-3} + v^{-2}t_{-3} - v^{-1}zt_1t_3$

$HSM(5_{20}) = -v^{-7}zt_{-3}t_2 + v^{-5}z^3t_{-2}t_1 + 2v^{-4}z^2t_{-1} + v^{-4}t_{-1} + v^{-2}z^2t_1t_2t_3 - v^{-3}zt_3^2$

$HSM(\overline{5_{20}}) = v^{-4}z^2t_{-3}t_{-2}t_{-1} - v^{-3}z^3t_{-3}t_{-1}^3 - v^{-9}zt_{-2}t_3 + 2v^{-8}z^2t_{-1}^2t_3 - 3v^{-7}z^3t_{-1}t_2 - 2v^{-7}zt_{-1}t_2 + 2v^{-6}z^4t_1 + 4v^{-6}z^2t_1 + v^{-6}t_1$

$HSM(5_{21}) = v^{-4}z^2t_{-3}t_1^2 - v^{-5}zt_{-3}t_2 - v^{-3}z^3t_{-2}t_{-1}t_1^2 + v^{-4}z^2t_{-2}t_{-1}t_2 - v^{-3}zt_{-2}t_1 + v^{-4}t_{-1}$

$HSM(\overline{5_{21}}) = -z^2t_{-2}t_1t_2 + v^{-1}zt_{-2}t_3 - v^2z^2t_{-1}t_1^2 + vzt_{-1}t_2 + v^4t_1$

$HSM(5_{22}) = -v^{-1}zt_{-1}t_3 + v^{-1}zt_1^2 + t_2$

$HSM(\overline{5_{22}}) = v^{-3}zt_{-3}t_1 - 2v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-2}t_{-2} + v^{-1}z^3t_{-1}^3t_1 - vzt_{-1}^2 - v^{-1}zt_{-1}^2$

$HSM(5_{23}) = v^{-3}zt_{-2}t_1 - v^{-2}z^2t_{-1}^2t_1 + 2t_{-1} - v^{-2}t_{-1}$

$HSM(\overline{5_{23}}) = -vzt_{-1}t_2 - v^2t_1 + 2t_1$

$HSM(5_{24}) = t_{-3} + vzt_1t_3 - vzt_2^2$

$HSM(\overline{5_{24}}) = -3v^{-5}zt_{-3}t_{-1} + 3v^{-4}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4 + v^{-6}t_3$

$HSM(5_{25}) = v^3zt_{-1}t_3 + v^3z^3t_1^2 + v^3zt_1^2 + v^4z^2t_2 + v^4t_2$

$HSM(\overline{5_{25}}) = -v^{-7}zt_{-3}t_1 + 2v^{-6}z^2t_{-2}t_{-1}t_1 + v^{-6}z^2t_{-2} + v^{-6}t_{-2} - v^{-5}z^3t_{-1}^3t_1 - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - v^{-5}zt_{-1}^2$

$HSM(5_{26}) = -v^2z^4t_{-1}t_1^2 - v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + vzt_{-1}t_2 + v^4z^2t_1 + v^2t_1$

$HSM(\overline{5_{26}}) = -v^{-3}z^3t_{-2}t_1 - v^{-3}zt_{-2}t_1 + v^{-2}t_{-1} + v^{-4}z^2t_{-1}$

$HSM(5_{27}) = -v^2z^4t_{-1}t_1^2 - v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + vzt_{-1}t_2 + v^4z^2t_1 + v^2t_1$

$HSM(\overline{5_{27}}) = -v^{-3}z^3t_{-2}t_1 - v^{-3}zt_{-2}t_1 + v^{-2}t_{-1} + v^{-4}z^2t_{-1}$

$HSM(5_{28}) = -v^{-3}zt_{-3}t_{-1} - v^{-3}z^3t_{-2}^2 - v^{-3}zt_{-2}^2 + v^{-4}z^2t_3 + v^{-4}t_3$

$HSM(\overline{5_{28}}) = v^{-2}z^2t_{-3} + v^{-2}t_{-3} + vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 - 2v^{-1}z^3t_1t_3 - v^{-1}zt_1t_3$

$HSM(5_{29}) = -vz^3t_{-1}t_1 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 + v^3z - vz - vz^{-1} + v^{-1}z^{-1}$

$HSM(\overline{5_{29}}) = -vzt_{-1}t_1 + v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z + v^{-1}z^{-1} - v^{-3}z$

$HSM(5_{30}) = -vzt_{-1}t_2 - z^2t_1 + v^{-2}t_1$

$HSM(\overline{5_{30}}) = v^{-3}zt_{-2}t_1 - v^{-2}z^2t_{-1}^2t_1 + v^2t_{-1} - z^2t_{-1}$

$HSM(5_{31}) = z^4t_{-1}t_1^2 + z^2t_{-1}t_1^2 - v^{-1}z^3t_{-1}t_2 - v^2z^2t_1 + t_1$

$HSM(\overline{5_{31}}) = v^{-1}z^3t_{-2}t_1 + z^2t_{-1}^2t_1 + t_{-1} - v^{-2}z^2t_{-1}$

$HSM(5_{32}) = -vzt_1t_2 + v^{-1}z^3t_1t_2 + v^{-1}zt_1t_2 + t_3 - v^{-2}z^2t_3$

$HSM(\overline{5_{32}}) = -v^{-2}z^2t_{-3} + v^{-4}t_{-3} + v^{-1}z^3t_{-2}t_{-1} - v^{-1}zt_{-2}t_{-1} - v^{-3}zt_{-2}t_{-1} + z^2t_{-1}^3$

$HSM(5_{33}) = v^{-1}zt_1^2 + v^2t_2 - z^2t_2$

$HSM(\overline{5_{33}}) = -v^{-2}z^2t_{-2} + v^{-4}t_{-2} - vzt_{-1}^2 + v^{-1}z^3t_{-1}^2 - v^{-3}zt_{-1}^2$

$HSM(5_{34}) = -v^{-2}z^2t_{-3} + v^{-2}t_{-3} + z^2t_1^2t_2 - v^{-1}zt_1t_3 + v^{-1}z^3t_2^2$

$HSM(\overline{5_{34}}) = 2v^{-3}z^3t_{-3}t_{-1} - v^{-3}zt_{-3}t_{-1} - v^{-3}zt_{-2}^2 - v^{-2}z^4t_{-2}t_{-1}^2 + 2v^{-2}z^2t_{-2}t_{-1}^2 - v^{-1}z^3t_{-1}^4 - v^{-4}z^2t_3 + v^{-4}t_3$

$HSM(5_{35}) = v^3zt_{-2}t_2 + v^3z^3t_{-1}t_1 + v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z + v^3z^{-1}$

$HSM(\overline{5_{35}}) = v^{-6}z^2t_{-2}t_1^2 - v^{-7}zt_{-2}t_2 - v^{-5}z^3t_{-1}^2t_1^2 + v^{-6}z^2t_{-1}^2t_2 - v^{-3}z^3t_{-1}t_1 - v^{-3}zt_{-1}t_1 - v^{-3}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$

$HSM(5_{36}) = v^3zt_1t_2 - vz^3t_1t_2 - vzt_1t_2 + z^2t_3 + t_3$

$HSM(\overline{5_{36}}) = v^{-4}z^2t_{-3} + v^{-4}t_{-3} - v^{-3}z^3t_{-2}t_{-1} - v^{-3}zt_{-2}t_{-1} - v^{-5}zt_{-2}t_{-1} + v^{-4}z^2t_{-1}^3$

$HSM(5_{37}) = v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - v^{-3}zt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$

$HSM(\overline{5_{37}}) = v^3zt_{-1}t_1 - vz^3t_{-1}t_1 - vzt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$

$HSM(5_{38}) = -v^2z^2t_{-2}t_1^2 + vzt_{-2}t_2 - v^3z - v^3z^{-1} + vz + vz^{-1}$

$HSM(\overline{5_{38}}) = v^{-4}z^2t_{-2}t_1^2 - v^{-5}zt_{-2}t_2 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z + v^{-3}z^{-1}$

$HSM(5_{39}) = v^{-2}z^2t_{-3} + v^{-2}t_{-3} - v^{-3}zt_{-2}t_{-1}$

$HSM(\overline{5_{39}}) = -v^2z^2t_1^3 + z^4t_1^3 + z^2t_1^3 + vzt_1t_2 - 2v^{-1}z^3t_1t_2 - 2v^{-1}zt_1t_2 + v^{-2}z^2t_3 + v^{-2}t_3$

$HSM(5_{40}) = v^3z^3t_{-1}t_2 + 2v^3zt_{-1}t_2 + v^4z^2t_1 + v^4t_1$

$HSM(\overline{5_{40}}) = -v^{-5}z^3t_{-2}t_1 - 2v^{-5}zt_{-2}t_1 + v^{-4}z^4t_{-1}^2t_1 + 2v^{-4}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1} + v^{-4}t_{-1}$

$HSM(5_{41}) = -v^{-5}z^3t_{-3}t_{-1} - v^{-5}zt_{-3}t_{-1} - v^{-5}z^3t_{-2}^2 - 2v^{-5}zt_{-2}^2 + v^{-4}z^4t_{-2}t_{-1}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2 + v^{-6}z^2t_3 + v^{-6}t_3$

$HSM(\overline{5_{41}}) = z^2t_{-3} + t_{-3} - v^2z^2t_1^2t_2 - vz^3t_1t_3 - vzt_1t_3 + vzt_2^2$

$HSM(5_{42}) = v^3zt_{-1}t_2 + vzt_{-1}t_2 + v^4t_1$

$HSM(\overline{5_{42}}) = -v^{-3}zt_{-2}t_1 - v^{-5}zt_{-2}t_1 + v^{-2}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-4}t_{-1}$

$HSM(5_{43}) = v^{-2}t_{-3} + v^{-1}z^3t_1^4 + z^2t_1^2t_2 - 2v^{-2}z^2t_1^2t_2 - v^{-1}zt_1t_3 + v^{-3}zt_1t_3 - v^{-1}zt_2^2$

$HSM(\overline{5_{43}}) = -v^{-1}zt_{-3}t_{-1} - v^{-3}zt_{-3}t_{-1} + v^{-4}t_3$

$HSM(5_{44}) = vzt_{-3}t_{-1} - z^2t_{-1}t_1t_3 + v^2t_3 + z^2t_3$

$HSM(\overline{5_{44}}) = v^{-4}z^2t_{-3}t_{-1}t_1 - v^{-4}z^2t_{-3} + v^{-6}t_{-3} + v^{-4}z^2t_{-2}^2t_1 - v^{-3}z^3t_{-2}t_{-1}^2t_1 - 2v^{-5}zt_{-2}t_{-1} + v^{-4}z^2t_{-1}^3 - v^{-3}zt_1t_3$

$HSM(5_{45}) = -v^{-2}z^2t_{-2}t_{-1}t_1 + t_{-2} + v^{-1}z^3t_{-1}^3t_1 - vzt_{-1}^2 + v^{-1}zt_{-1}^2$

$HSM(\overline{5_{45}}) = -z^2t_{-1}t_1t_2 - vzt_1^2 + v^{-2}t_2$

$HSM(5_{46}) = -z^2t_{-2}t_1t_2 + v^{-1}zt_{-2}t_3 + v^2t_1$

$HSM(\overline{5_{46}}) = v^{-4}z^2t_{-3}t_1^2 - v^{-5}zt_{-3}t_2 - v^{-3}z^3t_{-2}t_{-1}t_1^2 + v^{-4}z^2t_{-2}t_{-1}t_2 + v^{-2}t_{-1}$

$HSM(5_{47}) = v^{-4}z^2t_{-3}t_{-2}t_{-1} + v^{-4}z^2t_{-2}^3 - v^{-3}z^3t_{-2}^2t_{-1}^2 - 2v^{-9}zt_{-2}t_3 + v^{-8}z^2t_{-1}^2t_3 - v^{-7}zt_{-1}t_2 + v^{-6}z^4t_1 + 5v^{-6}z^2t_1 + v^{-6}t_1$

$HSM(\overline{5_{47}}) = -v^{-5}zt_{-2}t_1 + v^{-4}z^2t_{-1} + v^{-4}t_{-1} + v^{-2}z^2t_1t_2t_3 - v^{-3}zt_3^2$

$HSM(5_{48}) = -v^{-1}zt_{-2}t_3 + v^{-1}zt_{-1}t_2 + t_1$

$HSM(\overline{5_{48}}) = -v^{-4}z^2t_{-3}t_1^2 + v^{-5}zt_{-3}t_2 + 2v^{-3}z^3t_{-2}t_{-1}t_1^2 - 2v^{-4}z^2t_{-2}t_{-1}t_2 - v^{-1}zt_{-2}t_1 - v^{-2}z^4t_{-1}^3t_1^2 + v^{-3}z^3t_{-1}^3t_2 + z^2t_{-1}^2t_1 + t_{-1}$

$HSM(5_{49}) = -v^{-5}zt_{-3}t_{-1} - v^{-3}zt_{-2}^2 - v^{-5}zt_{-2}^2 + v^{-2}z^2t_{-2}t_{-1}^2 + v^{-4}z^2t_{-2}t_{-1}^2 + v^{-6}t_3$

$HSM(\overline{5_{49}}) = t_{-3} - z^2t_1^2t_2 - vzt_1t_3 + v^{-1}zt_2^2$

$HSM(5_{50}) = v^3z^3t_1^2 + 2v^3zt_1^2 + v^4z^2t_2 + v^4t_2$

$HSM(\overline{5_{50}}) = v^{-6}z^2t_{-2} + v^{-6}t_{-2} - v^{-3}z^3t_{-1}^2 - 2v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - v^{-5}zt_{-1}^2$

$HSM(5_{51}) = v^4z^2t_{-1}t_1^2 - v^6t_1 + v^4t_1 + v^2z^2t_1 + v^2t_1$

$HSM(\overline{5_{51}}) = v^{-4}z^2t_{-1}^2t_1 + v^{-2}z^2t_{-1} + v^{-2}t_{-1} + v^{-4}t_{-1} - v^{-6}t_{-1}$

$HSM(5_{52}) = v^{-3}z^3t_{-2}t_1 + v^{-3}zt_{-2}t_1 - v^{-2}z^4t_{-1}^2t_1 - 2v^{-2}z^2t_{-1}^2t_1 + z^2t_{-1} + 2t_{-1} - v^{-2}t_{-1}$

$HSM(\overline{5_{52}}) = -v^2z^2t_{-1}t_1^2 - vz^3t_{-1}t_2 - vzt_{-1}t_2 - v^2t_1 + z^2t_1 + 2t_1$

$HSM(5_{53}) = z^2t_{-3} + t_{-3} - v^2z^2t_1^2t_2 + vzt_1t_3 - vz^3t_2^2 - vzt_2^2$

$HSM(\overline{5_{53}}) = -2v^{-5}z^3t_{-3}t_{-1} - 3v^{-5}zt_{-3}t_{-1} + v^{-4}z^4t_{-2}t_{-1}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2 + v^{-6}z^2t_3 + v^{-6}t_3$

$HSM(5_{54}) = -v^{-3}z^3t_{-2}t_1 - 2v^{-3}zt_{-2}t_1 + v^{-4}z^2t_{-1} + v^{-4}t_{-1}$

$HSM(\overline{5_{54}}) = -v^2z^4t_{-1}t_1^2 - 2v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + 2vzt_{-1}t_2 + v^4z^2t_1 + v^4t_1$

$HSM(5_{55}) = -v^{-5}zt_{-3}t_1 + v^{-4}z^2t_{-2}t_{-1}t_1 + v^{-2}z^2t_{-2} + v^{-2}t_{-2}$

$HSM(\overline{5_{55}}) = -v^2z^2t_{-1}t_1t_2 + vzt_{-1}t_3 - vz^3t_1^2 - vzt_1^2 + z^2t_2 + t_2$

$HSM(5_{56}) = -v^{-3}z^3t_{-2}^2 - 2v^{-3}zt_{-2}^2 + v^{-4}z^2t_3 + v^{-4}t_3$

$HSM(\overline{5_{56}}) = v^{-2}z^2t_{-3} + v^{-2}t_{-3} + vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 - 2v^{-1}z^3t_1t_3 - 2v^{-1}zt_1t_3 + v^{-1}zt_2^2$

$HSM(5_{57}) = v^3zt_1^2 + vzt_1^2 + v^4t_2$

$HSM(\overline{5_{57}}) = v^{-6}t_{-2} - v^{-1}zt_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}zt_{-1}^2$

$HSM(5_{58}) = -v^2z^2t_{-1}t_1^2 - z^2t_{-1}t_1^2 + vzt_{-1}t_2 + v^{-1}zt_{-1}t_2 + v^4t_1$

$HSM(\overline{5_{58}}) = -v^{-1}zt_{-2}t_1 - v^{-3}zt_{-2}t_1 + v^{-4}t_{-1}$

$HSM(5_{59}) = t_{-3} - z^2t_1^2t_2 + v^{-1}zt_1t_3 - vzt_2^2$

$HSM(\overline{5_{59}}) = -v^{-3}zt_{-3}t_{-1} - 2v^{-5}zt_{-3}t_{-1} + v^{-2}z^2t_{-2}t_{-1}^2 + v^{-4}z^2t_{-2}t_{-1}^2 + v^{-6}t_3$

$HSM(5_{60}) = -z^2t_{-1}t_1^2 - vzt_{-1}t_2 + v^{-2}t_1$

$HSM(\overline{5_{60}}) = v^{-3}zt_{-2}t_1 - z^2t_{-1}^2t_1 - v^{-2}z^2t_{-1}^2t_1 + v^2t_{-1}$

$HSM(5_{61}) = -vz^3t_{-1}^2t_1^2 + z^2t_{-1}^2t_2 + 2v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$

$HSM(\overline{5_{61}}) = v^{-2}z^2t_{-2}t_1^2 - 2v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$

$HSM(5_{62}) = v^{-1}zt_{-3}t_{-1} + v^{-1}z^3t_{-1}t_1^2t_2 - 2v^{-2}z^2t_{-1}t_1t_3 - vzt_1t_2 + t_3 + v^{-2}z^2t_3$

$HSM(\overline{5_{62}}) = -v^{-2}z^2t_{-3} + v^{-4}t_{-3} + v^{-2}z^2t_{-2}^2t_1 - v^{-3}zt_{-2}t_{-1} - v^{-1}zt_1t_3$

$HSM(5_{63}) = -z^2t_{-1}t_1t_2 + v^{-1}zt_1^2 + v^2t_2$

$HSM(\overline{5_{63}}) = -v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-4}t_{-2} + v^{-1}z^3t_{-1}^3t_1 - vzt_{-1}^2 - v^{-3}zt_{-1}^2$

$HSM(5_{64}) = -v^{-2}z^2t_{-2}t_1t_2 + v^{-3}zt_{-2}t_3 + v^{-1}z^3t_{-1}^2t_1t_2 - v^{-2}z^2t_{-1}^2t_3 - vzt_{-1}t_2 + t_1$

$HSM(\overline{5_{64}}) = -v^{-3}zt_{-3}t_2 + v^{-2}z^2t_{-2}t_{-1}t_2 + v^{-3}zt_{-2}t_1 - v^{-2}z^2t_{-1}^2t_1 + t_{-1}$

$HSM(5_{65}) = -2v^{-7}zt_{-3}t_2 + 2v^{-5}z^3t_{-2}t_1 + 4v^{-4}z^2t_{-1} + v^{-4}t_{-1} + v^{-2}z^2t_2^3$

$HSM(\overline{5_{65}}) = -v^{-5}zt_{-3}^2 + 2v^{-4}z^2t_{-3}t_{-2}t_{-1} - v^{-3}z^3t_{-2}^2t_{-1}^2 + v^{-8}z^2t_{-1}^2t_3 - 2v^{-7}z^3t_{-1}t_2 - 2v^{-7}zt_{-1}t_2 + v^{-6}z^4t_1 + 2v^{-6}z^2t_1 + v^{-6}t_1$

$HSM(5_{66}) = -v^{-1}zt_{-2}^2 - v^{-3}zt_{-2}^2 + v^{-4}t_3$

$HSM(\overline{5_{66}}) = v^{-2}t_{-3} + v^{-1}z^3t_1^4 + z^2t_1^2t_2 - 2v^{-2}z^2t_1^2t_2 - 2v^{-1}zt_1t_3 + v^{-3}zt_2^2$

$HSM(5_{67}) = v^2t_{-3} + vzt_1t_3$

$HSM(\overline{5_{67}}) = -v^{-5}zt_{-3}t_{-1} - 2v^{-7}zt_{-3}t_{-1} - v^{-7}zt_{-2}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2 + 3v^{-6}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4 - v^{-5}z^3t_{-1}^4 + v^{-8}t_3$

$HSM(5_{68}) = -2v^{-4}z^2t_{-3}t_{-1}t_1 + v^{-2}t_{-3} + v^{-4}z^2t_{-3} - v^{-4}z^2t_{-2}^2t_1 + 3v^{-3}z^3t_{-2}t_{-1}^2t_1 - 2v^{-1}zt_{-2}t_{-1} - v^{-2}z^4t_{-1}^4t_1 + z^2t_{-1}^3 + v^{-3}zt_1t_3$

$HSM(\overline{5_{68}}) = -vzt_{-3}t_{-1} - z^2t_3 + v^{-2}t_3$

$HSM(5_{69}) = -v^{-5}zt_{-3}t_2 + v^{-3}z^3t_{-2}t_1 + 2v^{-2}z^2t_{-1} + v^{-2}t_{-1}$

$HSM(\overline{5_{69}}) = -v^{-7}zt_{-3}^2 + 4v^{-6}z^2t_{-3}t_{-2}t_{-1} - 2v^{-5}z^3t_{-3}t_{-1}^3 - 2v^{-5}z^3t_{-2}^2t_{-1}^2 + v^{-4}z^4t_{-2}t_{-1}^4 - v^{-11}zt_{-2}t_3 + 2v^{-10}z^2t_{-1}^2t_3 - 3v^{-9}z^3t_{-1}t_2 - 2v^{-9}zt_{-1}t_2 + 2v^{-8}z^4t_1 + 4v^{-8}z^2t_1 + v^{-8}t_1$

$HSM(5_{70}) = -v^{-5}zt_{-3}t_2 + 2v^{-4}z^2t_{-2}t_{-1}t_2 - v^{-3}z^3t_{-1}^3t_2 + v^{-2}t_{-1}$

$HSM(\overline{5_{70}}) = v^{-1}zt_{-2}t_3 - z^2t_{-1}^2t_3 + v^2t_1$

$HSM(5_{71}) = -v^{-3}zt_{-2}t_2 + v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$

$HSM(\overline{5_{71}}) = -z^2t_{-2}t_1^2 + v^{-1}zt_{-2}t_2 + vz^3t_{-1}^2t_1^2 - z^2t_{-1}^2t_2 - vz^3t_{-1}t_1 - vzt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$

$HSM(5_{72}) = vzt_{-2}t_3 + v^3zt_{-1}t_2 + v^4t_1$

$HSM(\overline{5_{72}}) = v^{-6}z^2t_{-3}t_1^2 - v^{-7}zt_{-3}t_2 - 2v^{-5}z^3t_{-2}t_{-1}t_1^2 + 2v^{-6}z^2t_{-2}t_{-1}t_2 - v^{-5}zt_{-2}t_1 + v^{-4}z^4t_{-1}^3t_1^2 - v^{-5}z^3t_{-1}^3t_2 + v^{-4}z^2t_{-1}^2t_1 + v^{-4}t_{-1}$

$HSM(5_{73}) = -v^{-5}zt_{-3}^2 + 2v^{-4}z^2t_{-3}t_{-2}t_{-1} - v^{-3}z^3t_{-3}t_{-1}^3 - v^{-9}zt_{-2}t_3 + v^{-8}z^2t_{-1}^2t_3 - v^{-7}z^3t_{-1}t_2 - v^{-7}zt_{-1}t_2 + v^{-6}z^4t_1 + 3v^{-6}z^2t_1 + v^{-6}t_1$
$HSM(\overline{5_{73}}) = v^{-6}z^2t_{-3}t_1^2 - v^{-7}zt_{-3}t_2 - v^{-5}z^3t_{-2}t_1 - v^{-5}zt_{-2}t_1 + v^{-4}z^4t_{-1} + 3v^{-4}z^2t_{-1} + v^{-4}t_{-1}$
$HSM(\overline{5_{74}}) = -2v^{-7}z^3t_{-3}t_{-1} - 3v^{-7}zt_{-3}t_{-1} - v^{-7}z^3t_{-2}^2 - v^{-7}zt_{-2}^2 + 3v^{-6}z^4t_{-2}t_{-1}^2 + 5v^{-6}z^2t_{-2}t_{-1}^2 - v^{-5}z^5t_{-1}^4 - 2v^{-5}z^3t_{-1}^4 + v^{-8}z^2t_3 + v^{-8}t_3$
$HSM(\overline{5_{75}}) = vz^3t_{-1}t_1^3 - 2z^2t_{-1}t_1t_2 + v^{-1}zt_{-1}t_3 - vz^3t_1^2 - vzt_1^2 + z^2t_2 + t_2$
$HSM(5_{76}) = -vzt_1t_2 - z^2t_3 + v^{-2}t_3$
$HSM(\overline{5_{76}}) = v^{-2}t_{-3} - v^{-4}z^2t_{-3} - 2v^{-1}zt_{-2}t_{-1} + 2v^{-3}z^3t_{-2}t_{-1} + v^{-3}zt_{-2}t_{-1} + z^2t_{-1}^3 - v^{-2}z^4t_{-1}^3 - v^{-2}z^2t_{-1}^3$
$HSM(5_{77}) = -v^{-2}z^2t_{-3} + v^{-2}t_{-3} + z^2t_1^2t_2 + v^{-1}z^3t_1t_3 - v^{-1}zt_2^2$
$HSM(\overline{5_{77}}) = v^{-3}z^3t_{-3}t_{-1} - 2v^{-3}zt_{-3}t_{-1} + v^{-3}z^3t_{-2}^2 - v^{-2}z^4t_{-2}t_{-1}^2 + 2v^{-2}z^2t_{-2}t_{-1}^2 - v^{-1}z^3t_{-1}^4 - v^{-4}z^2t_3 + v^{-4}t_3$
$HSM(5_{78}) = v^{-1}zt_{-1}t_2 + v^2t_1 - z^2t_1$
$HSM(\overline{5_{78}}) = -v^{-1}zt_{-2}t_1 + z^2t_{-1}^2t_1 - z^2t_{-1} + v^{-2}t_{-1}$
$HSM(5_{79}) = v^3zt_{-1}t_3 + v^2z^2t_2 + v^2t_2$
$HSM(\overline{5_{79}}) = -v^{-7}zt_{-3}t_1 + 2v^{-6}z^2t_{-2}t_{-1}t_1 + v^{-4}z^2t_{-2} + v^{-4}t_{-2} - v^{-5}z^3t_{-1}^3t_1 - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2$
$HSM(5_{80}) = -v^{-3}z^3t_{-3}t_{-1} - 2v^{-3}zt_{-3}t_{-1} + v^{-4}z^2t_3 + v^{-4}t_3$
$HSM(\overline{5_{80}}) = v^{-2}z^2t_{-3} + v^{-2}t_{-3} + vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 - v^{-1}z^3t_1t_3 - v^{-1}z^3t_2^2 - v^{-1}zt_2^2$
$HSM(5_{81}) = v^2z^2t_{-3} + v^2t_{-3} + v^3zt_2^2$
$HSM(\overline{5_{81}}) = -2v^{-7}z^3t_{-3}t_{-1} - 2v^{-7}zt_{-3}t_{-1} - v^{-7}z^3t_{-2}^2 - 2v^{-7}zt_{-2}^2 + 3v^{-6}z^4t_{-2}t_{-1}^2 + 5v^{-6}z^2t_{-2}t_{-1}^2 - v^{-5}z^5t_{-1}^4 - 2v^{-5}z^3t_{-1}^4 + v^{-8}z^2t_3 + v^{-8}t_3$
$HSM(5_{82}) = v^2t_{-3} + vzt_2^2$
$HSM(\overline{5_{82}}) = -2v^{-7}zt_{-3}t_{-1} - v^{-5}zt_{-2}^2 - v^{-7}zt_{-2}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2 + 3v^{-6}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4 - v^{-5}z^3t_{-1}^4 + v^{-8}t_3$
$HSM(5_{83}) = v^{-1}z^3t_{-2}t_1^3 - 2v^{-2}z^2t_{-2}t_1t_2 + v^{-3}zt_{-2}t_3 + v^2t_1$
$HSM(\overline{5_{83}}) = v^{-2}z^2t_{-3}t_1^2 - v^{-3}zt_{-3}t_2 + v^{-2}t_{-1}$
$HSM(5_{84}) = v^{-2}t_{-1} - v^{-1}zt_3^2$
$HSM(\overline{5_{84}}) = 2v^{-6}z^2t_{-3}t_{-2}t_{-1} - 2v^{-5}z^3t_{-3}t_{-1}^3 + v^{-6}z^2t_{-2}^3 - 2v^{-5}z^3t_{-2}^2t_{-1}^2 + v^{-4}z^4t_{-2}t_{-1}^4 - 2v^{-11}zt_{-2}t_3 + 3v^{-10}z^2t_{-1}^2t_3 - 4v^{-9}z^3t_{-1}t_2 - 2v^{-9}zt_{-1}t_2 + 3v^{-8}z^4t_1 + 6v^{-8}z^2t_1 + v^{-8}t_1$
$HSM(5_{85}) = t_{-1}$
$HSM(\overline{5_{85}}) = -v^{-9}zt_{-3}^2 + 6v^{-8}z^2t_{-3}t_{-2}t_{-1} - 4v^{-7}z^3t_{-3}t_{-1}^3 + v^{-8}z^2t_{-2}^3 - 6v^{-7}z^3t_{-2}^2t_{-1}^2 + 5v^{-6}z^4t_{-2}t_{-1}^4 - 2v^{-13}zt_{-2}t_3 - v^{-5}z^5t_{-1}^6 + 3v^{-12}z^2t_{-1}^2t_3 - 4v^{-11}z^3t_{-1}t_2 - 2v^{-11}zt_{-1}t_2 + 3v^{-10}z^4t_1 + 6v^{-10}z^2t_1 + v^{-10}t_1$
$HSM(5_{86}) = v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz - 2vz^{-1} + 2v^{-1}z + 3v^{-1}z^{-1} - v^{-3}z - v^{-3}z^{-1}$
$HSM(\overline{5_{86}}) = -vz^3t_{-1}t_1 - vzt_{-1}t_1 + v^3z + v^3z^{-1} - 2vz - 3vz^{-1} + v^{-1}z + 2v^{-1}z^{-1}$
$HSM(5_{87}) = v^5zt_1^2 + v^3zt_1^2 + v^4z^2t_2 + v^4t_2 + v^2z^2t_2$
$HSM(\overline{5_{87}}) = v^{-4}z^2t_{-2} + v^{-6}z^2t_{-2} + v^{-6}t_{-2} - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - 2v^{-5}zt_{-1}^2$
$HSM(5_{88}) = v^5zt_1^2 + v^4z^2t_2 + v^2z^2t_2 + v^2t_2$
$HSM(\overline{5_{88}}) = v^{-4}z^2t_{-2} + v^{-4}t_{-2} + v^{-6}z^2t_{-2} - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - v^{-5}zt_{-1}^2$
$HSM(5_{89}) = v^3z^3t_{-1}t_1 + v^3zt_{-1}t_1 + v^7z^{-1} - 2v^5z - 3v^5z^{-1} + 2v^3z + 2v^3z^{-1}$
$HSM(\overline{5_{89}}) = -v^{-3}z^3t_{-1}t_1 - v^{-3}zt_{-1}t_1 - 2v^{-3}z - 2v^{-3}z^{-1} + 2v^{-5}z + 3v^{-5}z^{-1} - v^{-7}z^{-1}$
$HSM(5_{90}) = v^5zt_{-1}t_1 + v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z^{-1} + vz$
$HSM(\overline{5_{90}}) = -v^{-3}zt_{-1}t_1 - v^{-5}zt_{-1}t_1 - v^{-1}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(5_{91}) = v^5zt_{-1}t_1 - v^5z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{5_{91}}) = -v^{-5}zt_{-1}t_1 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z^{-1} + v^{-5}z$
$HSM(5_{92}) = v^3zt_{-1}t_2 - v^6t_1 + v^4z^2t_1 + 2v^4t_1 + v^2z^2t_1$
$HSM(\overline{5_{92}}) = -v^{-5}zt_{-2}t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-2}z^2t_{-1} + v^{-4}z^2t_{-1} + 2v^{-4}t_{-1} - v^{-6}t_{-1}$
$HSM(5_{93}) = v^5z^3t_1^2 + 2v^5zt_1^2 + v^4z^4t_2 + 3v^4z^2t_2 + v^4t_2$
$HSM(\overline{5_{93}}) = v^{-6}z^4t_{-2} + 3v^{-6}z^2t_{-2} + v^{-6}t_{-2} - v^{-5}z^5t_{-1}^2 - 4v^{-5}z^3t_{-1}^2 - 3v^{-5}zt_{-1}^2$
$HSM(5_{94}) = v^5z^3t_{-1}t_1 + 2v^5zt_{-1}t_1 - v^5z^3 - 3v^5z - v^5z^{-1} + v^3z^3 + 3v^3z + v^3z^{-1}$
$HSM(\overline{5_{94}}) = -v^{-5}z^3t_{-1}t_1 - 2v^{-5}zt_{-1}t_1 - v^{-3}z^3 - 3v^{-3}z - v^{-3}z^{-1} + v^{-5}z^3 + 3v^{-5}z + v^{-5}z^{-1}$

$HSM(5_{95}) = v^5z^3t_{-1}t_1 + v^5zt_{-1}t_1 + v^7z^{-1} - v^5z^3 - 3v^5z - 3v^5z^{-1} + v^3z^3 + 3v^3z + 2v^3z^{-1}$
$HSM(\overline{5_{95}}) = -v^{-5}z^3t_{-1}t_1 - v^{-5}zt_{-1}t_1 - v^{-3}z^3 - 3v^{-3}z - 2v^{-3}z^{-1} + v^{-5}z^3 + 3v^{-5}z + 3v^{-5}z^{-1} - v^{-7}z^{-1}$

Knots in $L(8,1)$

$HSM(0_1) = t_1$
$HSM(1_1) = t_2$
$HSM(\overline{1_1}) = v^{-2}t_{-2} - v^{-1}zt_{-1}^2$
$HSM(2_1) = vzt_{-1}t_1 - v^3z^{-1} + vz^{-1}$
$HSM(\overline{2_1}) = -v^{-1}zt_{-1}t_1 - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(*2_2) = -v^{-1}zt_1t_2 + v^{-2}t_3$
$HSM(2_3) = t_3$
$HSM(\overline{2_3}) = v^{-4}t_{-3} - 2v^{-3}zt_{-2}t_{-1} + v^{-2}z^2t_{-1}^3$
$HSM(3_1) = vzt_{-1}t_2 + v^2t_1$
$HSM(\overline{3_1}) = -v^{-3}zt_{-2}t_1 + v^{-2}z^2t_{-1}^2t_1 + v^{-2}t_{-1}$
$HSM(3_2) = -v^{-3}zt_{-3}t_{-1} - v^{-3}zt_{-2}^2 + v^{-2}z^2t_{-2}t_{-1}^2 + v^{-4}t_4$
$HSM(\overline{3_2}) = -v^{-1}zt_1t_3 + v^{-2}t_4$
$HSM(3_3) = vzt_1^2 + v^2t_2$
$HSM(\overline{3_3}) = v^{-4}t_{-2} - v^{-1}zt_{-1}^2 - v^{-3}zt_{-1}^2$
$HSM(3_4) = -z^2t_{-1}t_1^2 + v^{-1}zt_{-1}t_2 + v^2t_1$
$HSM(\overline{3_4}) = -v^{-1}zt_{-2}t_1 + v^{-2}t_{-1}$
$HSM(3_5) = -v^{-1}zt_2^2 + v^{-2}t_4$
$HSM(\overline{3_5}) = -2v^{-3}zt_{-3}t_{-1} + v^{-2}z^2t_{-2}t_{-1}^2 + v^{-4}t_4$
$HSM(3_6) = t_4$
$HSM(\overline{3_6}) = -2v^{-5}zt_{-3}t_{-1} - v^{-5}zt_{-2}^2 + 3v^{-4}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4 + v^{-6}t_4$
$HSM(3_7) = v^3zt_1^2 + v^2z^2t_2 + v^2t_2$
$HSM(\overline{3_7}) = v^{-4}z^2t_{-2} + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^2 - 2v^{-3}zt_{-1}^2$
$HSM(3_8) = v^3zt_{-1}t_1 - v^3z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{3_8}) = -v^{-3}zt_{-1}t_1 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z + v^{-3}z^{-1}$
$HSM(4_1) = vzt_{-1}t_3 + v^2t_2$
$HSM(\overline{4_1}) = -v^{-5}zt_{-3}t_1 + 2v^{-4}z^2t_{-2}t_{-1}t_1 + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^3t_1 - v^{-3}zt_{-1}^2$
$HSM(4_2) = -2v^{-5}zt_{-3}t_{-2} + v^{-4}z^2t_{-3}t_{-1}^2 + 2v^{-4}z^2t_{-2}^2t_{-1} - v^{-3}z^3t_{-2}t_{-1}^3 - v^{-7}zt_{-1}t_4 + v^{-6}z^2t_3 + v^{-6}t_3$
$HSM(\overline{4_2}) = v^{-2}t_{-3} - v^{-1}zt_1t_4$
$HSM(4_3) = v^2z^2t_{-1}t_1^2 - v^4t_1 + 2v^2t_1$
$HSM(\overline{4_3}) = v^{-2}z^2t_{-1}^2t_1 + 2v^{-2}t_{-1} - v^{-4}t_{-1}$
$HSM(4_4) = -z^2t_{-1}t_1t_2 + v^{-1}zt_{-1}t_3 - vzt_1^2 + t_2$
$HSM(\overline{4_4}) = -v^{-3}zt_{-3}t_1 + v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-2}t_{-2}$
$HSM(4_5) = v^{-4}t_{-3} + v^{-2}z^2t_1t_2^2 - 2v^{-3}zt_2t_3$
$HSM(\overline{4_5}) = v^{-4}t_{-3} + v^{-2}z^2t_1^2t_3 - 2v^{-3}zt_1t_4$
$HSM(4_6) = v^3z^3t_{-1}t_1 + 2v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z + v^3z^{-1}$
$HSM(\overline{4_6}) = -v^{-3}z^3t_{-1}t_1 - 2v^{-3}zt_{-1}t_1 - v^{-3}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(4_7) = v^3zt_{-1}t_2 + v^2z^2t_1 + v^2t_1$
$HSM(\overline{4_7}) = -v^{-5}zt_{-2}t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-2}z^2t_{-1} + v^{-2}t_{-1}$
$HSM(4_8) = v^{-4}z^2t_{-3} + v^{-4}t_{-3} - v^{-3}z^3t_{-2}t_{-1} - 2v^{-3}zt_{-2}t_{-1}$
$HSM(\overline{4_8}) = -v^2z^2t_1^3 - vz^3t_1t_2 + z^2t_3 + t_3$
$HSM(4_9) = v^{-2}z^2t_{-2} + v^{-2}t_{-2} - v^{-3}zt_{-1}^2$
$HSM(\overline{4_9}) = v^3zt_1^2 - vz^3t_1^2 - vzt_1^2 + z^2t_2 + t_2$
$HSM(4_{10}) = v^3zt_{-1}t_1 + vzt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{4_{10}}) = -v^{-1}zt_{-1}t_1 - v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$

$HSM(4_{11}) = -z^2t_1^3 - vzt_1t_2 + v^{-1}zt_1t_2 + t_3$
$HSM(\overline{4_{11}}) = v^{-4}t_{-3} - v^{-1}zt_{-2}t_{-1} - v^{-3}zt_{-2}t_{-1}$
$HSM(4_{12}) = -z^2t_{-1}t_1t_2 + v^{-1}zt_{-1}t_3 + v^2t_2$
$HSM(\overline{4_{12}}) = -v^{-3}zt_{-3}t_1 + v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-4}t_{-2} - v^{-3}zt_{-1}^2$
$HSM(*4_{13}) = -z^2t_{-1}t_1^2 + v^2t_1 - t_1 + v^{-2}t_1$
$HSM(*4_{14}) = v^{-4}t_{-3} + v^{-2}z^2t_1t_2^2 - v^{-3}zt_1t_4 - v^{-3}zt_2t_3$
$HSM(4_{15}) = -v^{-1}zt_{-2}t_2 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(\overline{4_{15}}) = -v^{-2}z^2t_{-2}t_1^2 + v^{-3}zt_{-2}t_2 + v^{-1}z^3t_{-1}^2t_1^2 - v^{-2}z^2t_{-1}^2t_2 - vzt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(4_{16}) = vzt_1t_2 + v^2t_3$
$HSM(\overline{4_{16}}) = v^{-6}t_{-3} - v^{-3}zt_{-2}t_{-1} - 2v^{-5}zt_{-2}t_{-1} + v^{-2}z^2t_{-1}^3 + v^{-4}z^2t_{-1}^3$
$HSM(4_{17}) = v^{-1}z^3t_{-1}t_1^3 - 2v^{-2}z^2t_{-1}t_1t_2 + v^{-3}zt_{-1}t_3 - vzt_1^2 + t_2$
$HSM(\overline{4_{17}}) = -v^{-1}zt_{-1}t_3 + v^{-2}t_2$
$HSM(4_{18}) = v^{-2}t_{-3} - v^{-1}zt_2t_3$
$HSM(\overline{4_{18}}) = -v^{-5}zt_{-3}t_{-2} + 2v^{-4}z^2t_{-3}t_{-1}^2 + v^{-4}z^2t_{-2}^2t_{-1} - v^{-3}z^3t_{-2}t_{-1}^3 - 2v^{-7}zt_{-1}t_4 + 2v^{-6}z^2t_3 + v^{-6}t_3$
$HSM(4_{19}) = -v^{-3}zt_{-2}t_2 + v^{-2}z^2t_{-1}^2t_2 - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(\overline{4_{19}}) = -z^2t_{-2}t_1^2 + v^{-1}zt_{-2}t_2 - v^3z^{-1} + vz^{-1}$
$HSM(4_{20}) = vzt_{-2}t_2 + v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{4_{20}}) = v^{-4}z^2t_{-2}t_1^2 - v^{-5}zt_{-2}t_2 - v^{-3}z^3t_{-1}^2t_1^2 + v^{-4}z^2t_{-1}^2t_2 - v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(*4_{21}) = v^{-4}t_{-3} + v^{-2}z^2t_1^2t_3 - v^{-3}zt_1t_4 - v^{-3}zt_2t_3$
$HSM(4_{22}) = v^3zt_1t_2 + v^2z^2t_3 + v^2t_3$
$HSM(\overline{4_{22}}) = v^{-6}z^2t_{-3} + v^{-6}t_{-3} - 2v^{-5}z^3t_{-2}t_{-1} - 3v^{-5}zt_{-2}t_{-1} + v^{-4}z^4t_{-1}^3 + 2v^{-4}z^2t_{-1}^3$
$HSM(4_{23}) = -v^{-3}zt_{-2}t_1 + v^{-2}z^2t_{-1} + v^{-2}t_{-1}$
$HSM(\overline{4_{23}}) = -v^2z^2t_{-1}t_1^2 + vzt_{-1}t_2 + v^2z^2t_1 + v^2t_1$
$HSM(\overline{4_{24}}) = -2v^{-7}zt_{-3}t_{-2} + 3v^{-6}z^2t_{-3}t_{-1}^2 + 3v^{-6}z^2t_{-2}^2t_{-1} - 4v^{-5}z^3t_{-2}t_{-1}^3 + v^{-4}z^4t_{-1}^5 - 2v^{-9}zt_{-1}t_4 + 2v^{-8}z^2t_3 + v^{-8}t_3$
$HSM(4_{25}) = v^{-1}zt_{-1}t_1 - v^3z^{-1} + vz + vz^{-1} - v^{-1}z$
$HSM(\overline{4_{25}}) = -vzt_{-1}t_1 + vz - v^{-1}z - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(4_{26}) = -vzt_1^2 - z^2t_2 + v^{-2}t_2$
$HSM(\overline{4_{26}}) = -vzt_1^2 + v^{-1}z^3t_1^2 + v^{-1}zt_1^2 + t_2 - v^{-2}z^2t_2$
$HSM(*4_{27}) = z^2t_1^3 + v^{-1}z^3t_1t_2 - v^{-1}zt_1t_2 - v^{-2}z^2t_3 + v^{-2}t_3$
$HSM(5_1) = v^4z^2t_{-1}t_1^2 + v^3z^3t_{-1}t_2 + v^3zt_{-1}t_2 - v^6t_1 + v^4z^2t_1 + 2v^4t_1$
$HSM(\overline{5_1}) = -v^{-5}z^3t_{-2}t_1 - v^{-5}zt_{-2}t_1 + v^{-4}z^4t_{-1}^2t_1 + 2v^{-4}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1} + 2v^{-4}t_{-1} - v^{-6}t_{-1}$
$HSM(5_2) = -v^2z^2t_{-1}t_1t_2 + vzt_{-1}t_3 + v^2z^2t_2 + v^2t_2$
$HSM(\overline{5_2}) = -v^{-5}zt_{-3}t_1 + v^{-4}z^2t_{-2}t_{-1}t_1 + v^{-4}z^2t_{-2} + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2$
$HSM(5_3) = -v^{-2}z^2t_{-1}^2t_1 + t_{-1} + v^{-2}z^2t_{-1}$
$HSM(\overline{5_3}) = -v^2z^2t_{-1}t_1^2 + v^2z^2t_1 + t_1$
$HSM(5_4) = -v^{-5}z^3t_{-3}t_{-1} - 2v^{-5}zt_{-3}t_{-1} - v^{-5}z^3t_{-2}^2 - v^{-5}zt_{-2}^2 + v^{-4}z^4t_{-2}t_{-1}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2 + v^{-6}z^2t_4 + v^{-6}t_4$
$HSM(\overline{5_4}) = -v^2z^2t_1^2t_2 - vz^3t_1t_3 + z^2t_4 + t_4$
$HSM(5_5) = vzt_{-1}t_4 + v^2t_3$
$HSM(\overline{5_5}) = 2v^{-6}z^2t_{-3}t_{-1}t_1 - v^{-6}z^2t_{-3} + v^{-6}t_{-3} + v^{-6}z^2t_{-2}^2t_1 - 3v^{-5}z^3t_{-2}t_{-1}^2t_1 - 2v^{-5}zt_{-2}t_{-1} + v^{-4}z^4t_{-1}^4t_1 + v^{-4}z^2t_{-1}^3 - v^{-5}zt_1t_4$
$HSM(5_6) = -v^{-7}zt_{-3}^2 + 4v^{-6}z^2t_{-3}t_{-2}t_{-1} - v^{-5}z^3t_{-3}t_{-1}^3 + v^{-6}z^2t_{-2}^3 - 3v^{-5}z^3t_{-2}^2t_{-1}^2 + v^{-4}z^4t_{-2}t_{-1}^4 - 2v^{-11}zt_{-2}t_4 + v^{-10}z^2t_{-1}^2t_4 - v^{-9}zt_{-1}t_3 + v^{-8}z^4t_2 + 5v^{-8}z^2t_2 + v^{-8}t_2$
$HSM(\overline{5_6}) = -v^{-3}zt_{-3}t_1 + v^{-2}z^2t_{-2} + v^{-2}t_{-2}$
$HSM(5_7) = v^2z^2t_{-1}^2t_2 + 2v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{5_7}) = -v^{-3}z^3t_{-1}^2t_1^2 + v^{-4}z^2t_{-1}^2t_2 - 2v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(5_8) = -z^2t_{-1}t_1t_3 + v^{-1}zt_{-1}t_4 - vzt_1t_2 + t_3$
$HSM(\overline{5_8}) = v^{-4}z^2t_{-3}t_{-1}t_1 - v^{-4}z^2t_{-3} + v^{-4}t_{-3} + v^{-4}z^2t_{-2}^2t_1 - v^{-3}z^3t_{-2}t_{-1}^2t_1 - v^{-3}zt_{-2}t_{-1} - v^{-3}zt_1t_4$
$HSM(5_9) = -v^{-5}zt_{-3}^2 + 2v^{-4}z^2t_{-3}t_{-2}t_{-1} + v^{-4}z^2t_{-2}^3 - v^{-3}z^3t_{-2}^2t_{-1}^2 - 2v^{-9}zt_{-2}t_4 + 2v^{-7}z^3t_{-1}t_3 +$

$4v^{-6}z^2t_2 + v^{-6}t_2$
$HSM(\overline{5_9}) = -2v^{-5}zt_{-3}t_1 + 2v^{-4}z^2t_{-2} + v^{-4}t_{-2} + v^{-2}z^2t_1^2t_4$
$HSM(5_{10}) = v^2z^2t_{-1}t_1^2 + v^3zt_{-1}t_2 + v^2t_1$
$HSM(\overline{5_{10}}) = -v^{-5}zt_{-2}t_1 + v^{-2}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-2}t_{-1}$
$HSM(5_{11}) = -vz^3t_{-1}t_1^3 + z^2t_{-1}t_1t_2 + v^3zt_1^2 - vzt_1^2 + t_2$
$HSM(\overline{5_{11}}) = v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-2}t_{-2} - v^{-3}zt_{-1}^2$
$HSM(5_{12}) = -z^2t_{-1}t_2^2 + v^{-1}zt_{-1}t_4 - vzt_1t_2 + t_3$
$HSM(\overline{5_{12}}) = 2v^{-4}z^2t_{-3}t_{-1}t_1 - v^{-4}z^2t_{-3} + v^{-4}t_{-3} - v^{-3}z^3t_{-2}t_{-1}^2t_1 - v^{-3}zt_{-2}t_{-1} - v^{-3}zt_1t_4$
$HSM(5_{13}) = -z^2t_{-1}^2t_2 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(\overline{5_{13}}) = v^{-1}z^3t_{-1}^2t_1^2 - v^{-2}z^2t_{-1}^2t_2 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(5_{14}) = v^{-1}z^3t_{-1}t_1^2t_2 - v^{-2}z^2t_{-1}t_1t_3 - v^{-2}z^2t_{-1}t_2^2 + v^{-3}zt_{-1}t_4 - vzt_1t_2 + t_3$
$HSM(\overline{5_{14}}) = v^{-2}z^2t_{-3}t_{-1}t_1 - v^{-2}z^2t_{-3} + v^{-4}t_{-3} - v^{-3}zt_{-2}t_{-1} - v^{-1}zt_1t_4$
$HSM(5_{15}) = -v^{-5}zt_{-3}^2 + 3v^{-4}z^2t_{-3}t_{-2}t_{-1} - v^{-3}z^3t_{-2}^2t_{-1}^2 - v^{-9}zt_{-2}t_4 + v^{-7}z^3t_{-1}t_3 - v^{-7}zt_{-1}t_3 + 3v^{-6}z^2t_2 + v^{-6}t_2$
$HSM(\overline{5_{15}}) = -v^{-5}zt_{-3}t_1 + v^{-4}z^2t_{-2} + v^{-4}t_{-2} + v^{-2}z^2t_1t_2t_3 - v^{-3}zt_2t_4$
$HSM(5_{16}) = -v^{-3}zt_{-3}t_2 + v^{-2}z^2t_{-2}t_{-1}t_2 + v^{-2}t_{-1}$
$HSM(\overline{5_{16}}) = -v^{-2}z^2t_{-2}t_1t_2 + v^{-3}zt_{-2}t_3 + v^{-1}z^3t_{-1}^2t_1t_2 - v^{-2}z^2t_{-1}^2t_3 + v^2t_1$
$HSM(5_{17}) = -v^{-3}zt_{-3}t_{-1} - v^{-5}zt_{-3}t_{-1} - v^{-5}zt_{-2}^2 + v^{-2}z^2t_{-2}t_{-1}^2 + v^{-4}z^2t_{-2}t_{-1}^2 + v^{-6}t_4$
$HSM(\overline{5_{17}}) = -z^2t_1^2t_2 - vzt_1t_3 + v^{-1}zt_1t_3 + t_4$
$HSM(5_{18}) = v^2z^2t_{-1}t_1t_2 + v^3zt_1^2 + v^2t_2$
$HSM(\overline{5_{18}}) = v^{-4}z^2t_{-2}t_{-1}t_1 + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^3t_1 - 2v^{-3}zt_{-1}^2$
$HSM(5_{19}) = v^{-1}z^3t_{-1}t_1^2t_2 - v^{-2}z^2t_{-1}t_1t_3 - v^{-2}z^2t_{-1}t_2^2 + v^{-3}zt_{-1}t_4 + z^2t_1^3 - 2v^{-1}zt_1t_2 + v^{-2}t_3$
$HSM(\overline{5_{19}}) = v^{-2}z^2t_{-3}t_{-1}t_1 - v^{-2}z^2t_{-3} + v^{-2}t_{-3} - v^{-1}zt_1t_4$
$HSM(5_{20}) = v^{-4}t_{-2} + v^{-2}z^2t_1t_2t_3 - v^{-3}zt_2t_4 - v^{-3}zt_3^2$
$HSM(\overline{5_{20}}) = v^{-4}z^2t_{-3}t_{-2}t_{-1} - v^{-3}z^3t_{-3}t_{-1}^3 - v^{-9}zt_{-2}t_4 + 2v^{-8}z^2t_{-1}^2t_4 - 3v^{-7}z^3t_{-1}t_3 - 2v^{-7}zt_{-1}t_3 + 2v^{-6}z^4t_2 + 4v^{-6}z^2t_2 + v^{-6}t_2$
$HSM(5_{21}) = v^{-4}z^2t_{-3}t_1^2 - v^{-5}zt_{-3}t_2 - v^{-3}z^3t_{-2}t_{-1}t_1^2 + v^{-4}z^2t_{-2}t_{-1}t_2 - v^{-3}zt_{-2}t_1 + v^{-4}t_{-1}$
$HSM(\overline{5_{21}}) = -z^2t_{-2}t_1t_2 + v^{-1}zt_{-2}t_3 - v^2z^2t_{-1}t_1^2 + vzt_{-1}t_2 + v^4t_1$
$HSM(5_{22}) = -v^{-1}zt_{-1}t_3 + v^{-1}zt_1^2 + t_2$
$HSM(\overline{5_{22}}) = v^{-3}zt_{-3}t_1 - 2v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-2}t_{-2} + v^{-1}z^3t_{-1}^3t_1 - vzt_{-1}^2 - v^{-1}zt_{-1}^2$
$HSM(5_{23}) = v^{-3}zt_{-2}t_1 - v^{-2}z^2t_{-1}^2t_1 + 2t_{-1} - v^{-2}t_{-1}$
$HSM(\overline{5_{23}}) = -vzt_{-1}t_2 - v^2t_1 + 2t_1$
$HSM(5_{24}) = vzt_1t_3 - vzt_2^2 + t_4$
$HSM(\overline{5_{24}}) = -3v^{-5}zt_{-3}t_{-1} + 3v^{-4}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4 + v^{-6}t_4$
$HSM(5_{25}) = v^3zt_{-1}t_3 + v^3z^3t_1^2 + v^3zt_1^2 + v^4z^2t_2 + v^4t_2$
$HSM(\overline{5_{25}}) = -v^{-7}zt_{-3}t_1 + 2v^{-6}z^2t_{-2}t_{-1}t_1 + v^{-6}z^2t_{-2} + v^{-6}t_{-2} - v^{-5}z^3t_{-1}^3t_1 - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - v^{-5}zt_{-1}^2$
$HSM(5_{26}) = -v^2z^4t_{-1}t_1^2 - v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + vzt_{-1}t_2 + v^4z^2t_1 + v^2t_1$
$HSM(\overline{5_{26}}) = -v^{-3}z^3t_{-2}t_1 - v^{-3}zt_{-2}t_1 + v^{-2}t_{-1} + v^{-4}z^2t_{-1}$
$HSM(5_{27}) = -v^2z^4t_{-1}t_1^2 - v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + vzt_{-1}t_2 + v^4z^2t_1 + v^2t_1$
$HSM(\overline{5_{27}}) = -v^{-3}z^3t_{-2}t_1 - v^{-3}zt_{-2}t_1 + v^{-2}t_{-1} + v^{-4}z^2t_{-1}$
$HSM(5_{28}) = -v^{-3}zt_{-3}t_{-1} - v^{-3}z^3t_{-2}^2 - v^{-3}zt_{-2}^2 + v^{-4}z^2t_4 + v^{-4}t_4$
$HSM(\overline{5_{28}}) = vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 - 2v^{-1}z^3t_1t_3 - v^{-1}zt_1t_3 + v^{-2}z^2t_4 + v^{-2}t_4$
$HSM(5_{29}) = -vz^3t_{-1}t_1 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 + v^3z - vz - vz^{-1} + v^{-1}z^{-1}$
$HSM(\overline{5_{29}}) = -vzt_{-1}t_1 + v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z + v^{-1}z^{-1} - v^{-3}z$
$HSM(5_{30}) = -vzt_{-1}t_2 - z^2t_1 + v^{-2}t_1$
$HSM(\overline{5_{30}}) = v^{-3}zt_{-2}t_1 - v^{-2}z^2t_{-1}^2t_1 + v^2t_{-1} - z^2t_{-1}$
$HSM(5_{31}) = z^4t_{-1}t_1^2 + z^2t_{-1}t_1^2 - v^{-1}z^3t_{-1}t_2 - v^2z^2t_1 + t_1$
$HSM(\overline{5_{31}}) = v^{-1}z^3t_{-2}t_1 + z^2t_{-1}^2t_1 + t_{-1} - v^{-2}z^2t_{-1}$
$HSM(5_{32}) = -vzt_1t_2 + v^{-1}z^3t_1t_2 + v^{-1}zt_1t_2 + t_3 - v^{-2}z^2t_3$

$HSM(\overline{5_{32}}) = -v^{-2}z^2t_{-3} + v^{-4}t_{-3} + v^{-1}z^3t_{-2}t_{-1} - v^{-1}zt_{-2}t_{-1} - v^{-3}zt_{-2}t_{-1} + z^2t_{-1}^3$
$HSM(5_{33}) = v^{-1}zt_1^2 + v^2t_2 - z^2t_2$
$HSM(\overline{5_{33}}) = -v^{-2}z^2t_{-2} + v^{-4}t_{-2} - vzt_{-1}^2 + v^{-1}z^3t_{-1}^2 - v^{-3}zt_{-1}^2$
$HSM(5_{34}) = z^2t_1^2t_2 - v^{-1}zt_1t_3 + v^{-1}z^3t_2^2 - v^{-2}z^2t_4 + v^{-2}t_4$
$HSM(\overline{5_{34}}) = 2v^{-3}z^3t_{-3}t_{-1} - v^{-3}zt_{-3}t_{-1} - v^{-3}zt_{-2}^2 - v^{-2}z^4t_{-2}t_{-1}^2 + 2v^{-2}z^2t_{-2}t_{-1}^2 - v^{-1}z^3t_{-1}^4 - v^{-4}z^2t_4 + v^{-4}t_4$
$HSM(5_{35}) = v^3zt_{-2}t_2 + v^3z^3t_{-1}t_1 + v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z + v^3z^{-1}$
$HSM(\overline{5_{35}}) = v^{-6}z^2t_{-2}t_1^2 - v^{-7}zt_{-2}t_2 - v^{-5}z^3t_{-1}^2t_1^2 + v^{-6}z^2t_{-1}^2t_2 - v^{-3}z^3t_{-1}t_1 - v^{-3}zt_{-1}t_1 - v^{-3}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(5_{36}) = v^3zt_1t_2 - vz^3t_1t_2 - vzt_1t_2 + z^2t_3 + t_3$
$HSM(\overline{5_{36}}) = v^{-4}z^2t_{-3} + v^{-4}t_{-3} - v^{-3}z^3t_{-2}t_{-1} - v^{-3}zt_{-2}t_{-1} - v^{-5}zt_{-2}t_{-1} + v^{-4}z^2t_{-1}^3$
$HSM(5_{37}) = v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - v^{-3}zt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$
$HSM(\overline{5_{37}}) = v^3zt_{-1}t_1 - vz^3t_{-1}t_1 - vzt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$
$HSM(5_{38}) = -v^2z^2t_{-2}t_1^2 + vzt_{-2}t_2 - v^3z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{5_{38}}) = -v^{-5}zt_{-2}t_2 + v^{-4}z^2t_{-1}^2t_2 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z + v^{-3}z^{-1}$
$HSM(5_{39}) = v^{-2}z^2t_{-3} + v^{-2}t_{-3} - v^{-3}zt_{-2}t_{-1}$
$HSM(\overline{5_{39}}) = -v^2z^2t_1^3 + z^4t_1^3 + z^2t_1^3 + vzt_1t_2 - 2v^{-1}z^3t_1t_2 - 2v^{-1}zt_1t_2 + v^{-2}z^2t_3 + v^{-2}t_3$
$HSM(5_{40}) = v^3z^3t_{-1}t_2 + 2v^3zt_{-1}t_2 + v^4z^2t_1 + v^4t_1$
$HSM(\overline{5_{40}}) = -v^{-5}z^3t_{-2}t_1 - 2v^{-5}zt_{-2}t_1 + v^{-4}z^4t_{-1}^2t_1 + 2v^{-4}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1} + v^{-4}t_{-1}$
$HSM(5_{41}) = -v^{-5}z^3t_{-3}t_{-1} - v^{-5}zt_{-3}t_{-1} - v^{-5}z^3t_{-2}^2 - 2v^{-5}zt_{-2}^2 + v^{-4}z^4t_{-2}t_{-1}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2 + v^{-6}z^2t_4 + v^{-6}t_4$
$HSM(\overline{5_{41}}) = -v^2z^2t_1^2t_2 - vz^3t_1t_3 - vzt_1t_3 + vzt_2^2 + z^2t_4 + t_4$
$HSM(5_{42}) = v^3zt_{-1}t_2 + vzt_{-1}t_2 + v^4t_1$
$HSM(\overline{5_{42}}) = -v^{-3}zt_{-2}t_1 - v^{-5}zt_{-2}t_1 + v^{-2}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-4}t_{-1}$
$HSM(5_{43}) = v^{-1}z^3t_1^4 + z^2t_1^2t_2 - 2v^{-2}z^2t_1^2t_2 - v^{-1}zt_1t_3 + v^{-3}zt_1t_3 - v^{-1}zt_2^2 + v^{-2}t_4$
$HSM(\overline{5_{43}}) = -v^{-1}zt_{-3}t_{-1} - v^{-3}zt_{-3}t_{-1} + v^{-4}t_4$
$HSM(5_{44}) = -z^2t_{-1}t_1t_3 + v^{-1}zt_{-1}t_4 + v^2t_3$
$HSM(\overline{5_{44}}) = v^{-4}z^2t_{-3}t_{-1}t_1 - v^{-4}z^2t_{-3} + v^{-6}t_{-3} + v^{-4}z^2t_{-2}^2t_1 - v^{-3}z^3t_{-2}t_{-1}^2t_1 - 2v^{-5}zt_{-2}t_{-1} + v^{-4}z^2t_{-1}^3 - v^{-3}zt_1t_4$
$HSM(5_{45}) = -v^{-2}z^2t_{-2}t_{-1}t_1 + t_{-2} + v^{-1}z^3t_{-1}^3t_1 - vzt_{-1}^2 + v^{-1}zt_{-1}^2$
$HSM(\overline{5_{45}}) = -z^2t_{-1}t_1t_2 - vzt_1^2 + v^{-2}t_2$
$HSM(5_{46}) = -z^2t_{-2}t_1t_2 + v^{-1}zt_{-2}t_3 + v^2t_1$
$HSM(\overline{5_{46}}) = v^{-4}z^2t_{-3}t_1^2 - v^{-5}zt_{-3}t_2 - v^{-3}z^3t_{-2}t_{-1}t_1^2 + v^{-4}z^2t_{-2}t_{-1}t_2 + v^{-2}t_{-1}$
$HSM(5_{47}) = v^{-4}z^2t_{-3}t_{-2}t_{-1} + v^{-4}z^2t_{-2}^3 - v^{-3}z^3t_{-2}^2t_{-1}^2 - 2v^{-9}zt_{-2}t_4 + v^{-8}z^2t_{-1}^2t_4 - v^{-7}zt_{-1}t_3 + v^{-6}z^4t_2 + 5v^{-6}z^2t_2 + v^{-6}t_2$
$HSM(\overline{5_{47}}) = -v^{-5}zt_{-3}t_1 + v^{-4}z^2t_{-2} + v^{-4}t_{-2} + v^{-2}z^2t_1t_2t_3 - v^{-3}zt_3^2$
$HSM(5_{48}) = -v^{-1}zt_{-2}t_3 + v^{-1}zt_{-1}t_2 + t_1$
$HSM(\overline{5_{48}}) = -v^{-4}z^2t_{-3}t_1^2 + v^{-5}zt_{-3}t_2 + 2v^{-3}z^3t_{-2}t_{-1}t_1^2 - 2v^{-4}z^2t_{-2}t_{-1}t_2 - v^{-1}zt_{-2}t_1 - v^{-2}z^4t_{-1}^3t_1^2 + v^{-3}z^3t_{-1}^3t_2 + z^2t_{-1}^2t_1 + t_{-1}$
$HSM(5_{49}) = -v^{-5}zt_{-3}t_{-1} - v^{-3}zt_{-2}^2 - v^{-5}zt_{-2}^2 + v^{-2}z^2t_{-2}t_{-1}^2 + v^{-4}z^2t_{-2}t_{-1}^2 + v^{-6}t_4$
$HSM(\overline{5_{49}}) = -z^2t_1^2t_2 - vzt_1t_3 + v^{-1}zt_2^2 + t_4$
$HSM(5_{50}) = v^3z^3t_1^2 + 2v^3zt_1^2 + v^4z^2t_2 + v^4t_2$
$HSM(\overline{5_{50}}) = v^{-6}z^2t_{-2} + v^{-6}t_{-2} - v^{-3}z^3t_{-1}^2 - 2v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - v^{-5}zt_{-1}^2$
$HSM(5_{51}) = v^4z^2t_{-1}t_1^2 - v^6t_1 + v^4t_1 + v^2z^2t_1 + v^2t_1$
$HSM(\overline{5_{51}}) = v^{-4}z^2t_{-1}^2t_1 + v^{-2}z^2t_{-1} + v^{-2}t_{-1} + v^{-4}t_{-1} - v^{-6}t_{-1}$
$HSM(5_{52}) = v^{-3}z^3t_{-2}t_1 + v^{-3}zt_{-2}t_1 - v^{-2}z^4t_{-1}^2t_1 - 2v^{-2}z^2t_{-1}^2t_1 + z^2t_{-1} + 2t_{-1} - v^{-2}t_{-1}$
$HSM(\overline{5_{52}}) = -v^2z^2t_{-1}t_1^2 - vz^3t_{-1}t_2 - vzt_{-1}t_2 - v^2t_1 + z^2t_1 + 2t_1$
$HSM(5_{53}) = -v^2z^2t_1^2t_2 + vzt_1t_3 - vz^3t_2^2 - vzt_2^2 + z^2t_4 + t_4$
$HSM(\overline{5_{53}}) = -2v^{-5}z^3t_{-3}t_{-1} - 3v^{-5}zt_{-3}t_{-1} + v^{-4}z^4t_{-2}t_{-1}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2 + v^{-6}z^2t_4 + v^{-6}t_4$
$HSM(5_{54}) = -v^{-3}z^3t_{-2}t_1 - 2v^{-3}zt_{-2}t_1 + v^{-4}z^2t_{-1} + v^{-4}t_{-1}$

$HSM(\overline{5_{54}}) = -v^2z^4t_{-1}t_1^2 - 2v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + 2vzt_{-1}t_2 + v^4z^2t_1 + v^4t_1$
$HSM(5_{55}) = -v^{-5}zt_{-3}t_1 + v^{-4}z^2t_{-2}t_{-1}t_1 + v^{-2}z^2t_{-2} + v^{-2}t_{-2}$
$HSM(\overline{5_{55}}) = -v^2z^2t_{-1}t_1t_2 + vzt_{-1}t_3 - vz^3t_1^2 - vzt_1^2 + z^2t_2 + t_2$
$HSM(5_{56}) = -v^{-3}z^3t_{-2}^2 - 2v^{-3}zt_{-2}^2 + v^{-4}z^2t_4 + v^{-4}t_4$
$HSM(\overline{5_{56}}) = vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 - 2v^{-1}z^3t_1t_3 - 2v^{-1}zt_1t_3 + v^{-1}zt_2^2 + v^{-2}z^2t_4 + v^{-2}t_4$
$HSM(5_{57}) = v^3zt_1^2 + vzt_1^2 + v^4t_2$
$HSM(\overline{5_{57}}) = v^{-6}t_{-2} - v^{-1}zt_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}zt_{-1}^2$
$HSM(5_{58}) = -v^2z^2t_{-1}t_1^2 - z^2t_{-1}t_1^2 + vzt_{-1}t_2 + v^{-1}zt_{-1}t_2 + v^4t_1$
$HSM(\overline{5_{58}}) = -v^{-1}zt_{-2}t_1 - v^{-3}zt_{-2}t_1 + v^{-4}t_{-1}$
$HSM(5_{59}) = -z^2t_1^2t_2 + v^{-1}zt_1t_3 - vzt_2^2 + t_4$
$HSM(\overline{5_{59}}) = -v^{-3}zt_{-3}t_{-1} - 2v^{-5}zt_{-3}t_{-1} + v^{-2}z^2t_{-2}t_{-1}^2 + v^{-4}z^2t_{-2}t_{-1}^2 + v^{-6}t_4$
$HSM(5_{60}) = -z^2t_{-1}t_1^2 - vzt_{-1}t_2 + v^{-2}t_1$
$HSM(\overline{5_{60}}) = v^{-3}zt_{-2}t_1 - z^2t_{-1}^2t_1 - v^{-2}z^2t_{-1}^2t_1 + v^2t_{-1}$
$HSM(5_{61}) = -vz^3t_{-1}^2t_1^2 + z^2t_{-1}^2t_2 + 2v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{5_{61}}) = v^{-2}z^2t_{-1}^2t_2 - 2v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(5_{62}) = v^{-1}z^3t_{-1}t_1^2t_2 - 2v^{-2}z^2t_{-1}t_1t_3 + v^{-3}zt_{-1}t_4 - vzt_1t_2 + t_3$
$HSM(\overline{5_{62}}) = -v^{-2}z^2t_{-3} + v^{-4}t_{-3} + v^{-2}z^2t_{-2}^2t_1 - v^{-3}zt_{-2}t_{-1} - v^{-1}zt_1t_4$
$HSM(5_{63}) = -z^2t_{-1}t_1t_2 + v^{-1}zt_1^2 + v^2t_2$
$HSM(\overline{5_{63}}) = -v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-4}t_{-2} + v^{-1}z^3t_{-1}^3t_1 - vzt_{-1}^2 - v^{-3}zt_{-1}^2$
$HSM(5_{64}) = -v^{-2}z^2t_{-2}t_1t_2 + v^{-3}zt_{-2}t_3 + v^{-1}z^3t_{-1}^2t_1t_2 - v^{-2}z^2t_{-1}^2t_3 - vzt_{-1}t_2 + t_1$
$HSM(\overline{5_{64}}) = -v^{-3}zt_{-3}t_2 + v^{-2}z^2t_{-2}t_{-1}t_2 + v^{-3}zt_{-2}t_1 - v^{-2}z^2t_{-1}^2t_1 + t_{-1}$
$HSM(5_{65}) = v^{-4}t_{-2} + v^{-2}z^2t_2^3 - 2v^{-3}zt_2t_4$
$HSM(\overline{5_{65}}) = -v^{-5}zt_{-3}^2 + 2v^{-4}z^2t_{-3}t_{-2}t_{-1} - v^{-3}z^3t_{-2}^2t_{-1}^2 + v^{-8}z^2t_{-1}^2t_4 - 2v^{-7}z^3t_{-1}t_3 - 2v^{-7}zt_{-1}t_3 + v^{-6}z^4t_2 + 2v^{-6}z^2t_2 + v^{-6}t_2$
$HSM(5_{66}) = -v^{-1}zt_{-2}^2 - v^{-3}zt_{-2}^2 + v^{-4}t_4$
$HSM(\overline{5_{66}}) = v^{-1}z^3t_1^4 + z^2t_1^2t_2 - 2v^{-2}z^2t_1^2t_2 - 2v^{-1}zt_1t_3 + v^{-3}zt_2^2 + v^{-2}t_4$
$HSM(5_{67}) = vzt_1t_3 + v^2t_4$
$HSM(\overline{5_{67}}) = -v^{-5}zt_{-3}t_{-1} - 2v^{-7}zt_{-3}t_{-1} - v^{-7}zt_{-2}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2 + 3v^{-6}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4 - v^{-5}z^3t_{-1}^4 + v^{-8}t_4$
$HSM(5_{68}) = -2v^{-4}z^2t_{-3}t_{-1}t_1 + v^{-2}t_{-3} + v^{-4}z^2t_{-3} - v^{-4}z^2t_{-2}^2t_1 + 3v^{-3}z^3t_{-2}t_{-1}^2t_1 - 2v^{-1}zt_{-2}t_{-1} - v^{-2}z^4t_{-1}^4t_1 + z^2t_{-1}^3 + v^{-3}zt_1t_4$
$HSM(\overline{5_{68}}) = -v^{-1}zt_{-1}t_4 + v^{-2}t_3$
$HSM(5_{69}) = v^{-2}t_{-2} - v^{-1}zt_2t_4$
$HSM(\overline{5_{69}}) = -v^{-7}zt_{-3}^2 + 4v^{-6}z^2t_{-3}t_{-2}t_{-1} - 2v^{-5}z^3t_{-3}t_{-1}^3 - 2v^{-5}z^3t_{-2}^2t_{-1}^2 + v^{-4}z^4t_{-2}t_{-1}^4 - v^{-11}zt_{-2}t_4 + 2v^{-10}z^2t_{-1}^2t_4 - 3v^{-9}z^3t_{-1}t_3 - 2v^{-9}zt_{-1}t_3 + 2v^{-8}z^4t_2 + 4v^{-8}z^2t_2 + v^{-8}t_2$
$HSM(5_{70}) = -v^{-5}zt_{-3}t_2 + 2v^{-4}z^2t_{-2}t_{-1}t_2 - v^{-3}z^3t_{-1}^3t_2 + v^{-2}t_{-1}$
$HSM(\overline{5_{70}}) = v^{-1}zt_{-2}t_3 - z^2t_{-1}^2t_3 + v^2t_1$
$HSM(5_{71}) = -v^{-3}zt_{-2}t_2 + v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$
$HSM(\overline{5_{71}}) = -z^2t_{-2}t_1^2 + v^{-1}zt_{-2}t_2 + vz^3t_{-1}^2t_1^2 - z^2t_{-1}^2t_2 - vz^3t_{-1}t_1 - vzt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$
$HSM(5_{72}) = vzt_{-2}t_3 + v^3zt_{-1}t_2 + v^4t_1$
$HSM(\overline{5_{72}}) = v^{-6}z^2t_{-3}t_1^2 - v^{-7}zt_{-3}t_2 - 2v^{-5}z^3t_{-2}t_{-1}t_1^2 + 2v^{-6}z^2t_{-2}t_{-1}t_2 - v^{-5}zt_{-2}t_1 + v^{-4}z^4t_{-1}^3t_1^2 - v^{-5}z^3t_{-1}^3t_2 + v^{-4}z^2t_{-1}^2t_1 + v^{-4}t_{-1}$
$HSM(5_{73}) = -v^{-5}zt_{-3}^2 + 2v^{-4}z^2t_{-3}t_{-2}t_{-1} - v^{-3}z^3t_{-3}t_{-1}^3 - v^{-9}zt_{-2}t_4 + v^{-8}z^2t_{-1}^2t_4 - v^{-7}z^3t_{-1}t_3 - v^{-7}zt_{-1}t_3 + v^{-6}z^4t_2 + 3v^{-6}z^2t_2 + v^{-6}t_2$
$HSM(\overline{5_{73}}) = -v^{-5}zt_{-3}t_1 + v^{-4}z^2t_{-2} + v^{-4}t_{-2} + v^{-2}z^2t_1^2t_4 - v^{-3}zt_2t_4$
$HSM(5_{74}) = v^3zt_1t_3 + v^2z^2t_4 + v^2t_4$
$HSM(\overline{5_{74}}) = -2v^{-7}z^3t_{-3}t_{-1} - 3v^{-7}zt_{-3}t_{-1} - v^{-7}z^3t_{-2}^2 - v^{-7}zt_{-2}^2 + 3v^{-6}z^4t_{-2}t_{-1}^2 + 5v^{-6}z^2t_{-2}t_{-1}^2 - v^{-5}z^5t_{-1}^4 - 2v^{-5}z^3t_{-1}^4 + v^{-8}z^2t_4 + v^{-8}t_4$
$HSM(\overline{5_{75}}) = vz^3t_{-1}t_1^3 - 2z^2t_{-1}t_1t_2 + v^{-1}zt_{-1}t_3 - vz^3t_1^2 - vzt_1^2 + z^2t_2 + t_2$
$HSM(5_{76}) = -vzt_1t_2 - z^2t_3 + v^{-2}t_3$

$HSM(\overline{5_{76}}) = v^{-2}t_{-3} - v^{-4}z^2t_{-3} - 2v^{-1}zt_{-2}t_{-1} + 2v^{-3}z^3t_{-2}t_{-1} + v^{-3}zt_{-2}t_{-1} + z^2t_{-1}^3 - v^{-2}z^4t_{-1}^3 - v^{-2}z^2t_{-1}^3$
$HSM(5_{77}) = z^2t_1^2t_2 + v^{-1}z^3t_1t_3 - v^{-1}zt_2^2 - v^{-2}z^2t_4 + v^{-2}t_4$
$HSM(\overline{5_{77}}) = v^{-3}z^3t_{-3}t_{-1} - 2v^{-3}zt_{-3}t_{-1} + v^{-3}z^3t_{-2}^2 - v^{-2}z^4t_{-2}t_{-1}^2 + 2v^{-2}z^2t_{-2}t_{-1}^2 - v^{-1}z^3t_{-1}^4 - v^{-4}z^2t_4 + v^{-4}t_4$
$HSM(5_{78}) = v^{-1}zt_{-1}t_2 + v^2t_1 - z^2t_1$
$HSM(\overline{5_{78}}) = -v^{-1}zt_{-2}t_1 + z^2t_{-1}^2t_1 - z^2t_{-1} + v^{-2}t_{-1}$
$HSM(5_{79}) = v^3zt_{-1}t_3 + v^2z^2t_2 + v^2t_2$
$HSM(\overline{5_{79}}) = -v^{-7}zt_{-3}t_1 + 2v^{-6}z^2t_{-2}t_{-1}t_1 + v^{-4}z^2t_{-2} + v^{-4}t_{-2} - v^{-5}z^3t_{-1}^3t_1 - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2$
$HSM(5_{80}) = -v^{-3}z^3t_{-3}t_{-1} - 2v^{-3}zt_{-3}t_{-1} + v^{-4}z^2t_4 + v^{-4}t_4$
$HSM(\overline{5_{80}}) = vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 - v^{-1}z^3t_1t_3 - v^{-1}z^3t_2^2 - v^{-1}zt_2^2 + v^{-2}z^2t_4 + v^{-2}t_4$
$HSM(5_{81}) = v^3zt_2^2 + v^2z^2t_4 + v^2t_4$
$HSM(\overline{5_{81}}) = -2v^{-7}z^3t_{-3}t_{-1} - 2v^{-7}zt_{-3}t_{-1} - v^{-7}z^3t_{-2}^2 - 2v^{-7}zt_{-2}^2 + 3v^{-6}z^4t_{-2}t_{-1}^2 + 5v^{-6}z^2t_{-2}t_{-1}^2 - v^{-5}z^5t_{-1}^4 - 2v^{-5}z^3t_{-1}^4 + v^{-8}z^2t_4 + v^{-8}t_4$
$HSM(5_{82}) = vzt_2^2 + v^2t_4$
$HSM(\overline{5_{82}}) = -2v^{-7}zt_{-3}t_{-1} - v^{-5}zt_{-2}^2 - v^{-7}zt_{-2}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2 + 3v^{-6}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4 - v^{-5}z^3t_{-1}^4 + v^{-8}t_4$
$HSM(5_{83}) = v^{-1}z^3t_{-2}t_1^3 - 2v^{-2}z^2t_{-2}t_1t_2 + v^{-3}zt_{-2}t_3 + v^2t_1$
$HSM(\overline{5_{83}}) = v^{-2}z^2t_{-3}t_1^2 - v^{-3}zt_{-3}t_2 + v^{-2}t_{-1}$
$HSM(5_{84}) = v^{-2}t_{-2} - v^{-1}zt_3^2$
$HSM(\overline{5_{84}}) = 2v^{-6}z^2t_{-3}t_{-2}t_{-1} - 2v^{-5}z^3t_{-3}t_{-1}^3 + v^{-6}z^2t_{-2}^3 - 2v^{-5}z^3t_{-2}^2t_{-1}^2 + v^{-4}z^4t_{-2}t_{-1}^4 - 2v^{-11}zt_{-2}t_4 + 3v^{-10}z^2t_{-1}^2t_4 - 4v^{-9}z^3t_{-1}t_3 - 2v^{-9}zt_{-1}t_3 + 3v^{-8}z^4t_2 + 6v^{-8}z^2t_2 + v^{-8}t_2$
$HSM(\overline{5_{85}}) = -v^{-9}zt_{-3}^2 + 6v^{-8}z^2t_{-3}t_{-2}t_{-1} - 4v^{-7}z^3t_{-3}t_{-1}^3 + v^{-8}z^2t_{-2}^3 - 6v^{-7}z^3t_{-2}^2t_{-1}^2 + 5v^{-6}z^4t_{-2}t_{-1}^4 - 2v^{-13}zt_{-2}t_4 - v^{-5}z^5t_{-1}^6 + 3v^{-12}z^2t_{-1}^2t_4 - 4v^{-11}z^3t_{-1}t_3 - 2v^{-11}zt_{-1}t_3 + 3v^{-10}z^4t_2 + 6v^{-10}z^2t_2 + v^{-10}t_2$
$HSM(5_{86}) = v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz - 2vz^{-1} + 2v^{-1}z + 3v^{-1}z^{-1} - v^{-3}z - v^{-3}z^{-1}$
$HSM(\overline{5_{86}}) = -vz^3t_{-1}t_1 - vzt_{-1}t_1 + v^3z + v^3z^{-1} - 2vz - 3vz^{-1} + v^{-1}z + 2v^{-1}z^{-1}$
$HSM(5_{87}) = v^5zt_1^2 + v^3zt_1^2 + v^4z^2t_2 + v^4t_2 + v^2z^2t_2$
$HSM(\overline{5_{87}}) = v^{-4}z^2t_{-2} + v^{-6}z^2t_{-2} + v^{-6}t_{-2} - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - 2v^{-5}zt_{-1}^2$
$HSM(5_{88}) = v^5zt_1^2 + v^4z^2t_2 + v^2z^2t_2 + v^2t_2$
$HSM(\overline{5_{88}}) = v^{-4}z^2t_{-2} + v^{-4}t_{-2} + v^{-6}z^2t_{-2} - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - v^{-5}zt_{-1}^2$
$HSM(5_{89}) = v^3z^3t_{-1}t_1 + v^3zt_{-1}t_1 + v^7z^{-1} - 2v^5z - 3v^5z^{-1} + 2v^3z + 2v^3z^{-1}$
$HSM(\overline{5_{89}}) = -v^{-3}z^3t_{-1}t_1 - v^{-3}zt_{-1}t_1 - 2v^{-3}z - 2v^{-3}z^{-1} + 2v^{-5}z + 3v^{-5}z^{-1} - v^{-7}z^{-1}$
$HSM(5_{90}) = v^5zt_{-1}t_1 + v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z^{-1} + vz$
$HSM(\overline{5_{90}}) = -v^{-3}zt_{-1}t_1 - v^{-5}zt_{-1}t_1 - v^{-1}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(5_{91}) = v^5zt_{-1}t_1 - v^5z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{5_{91}}) = -v^{-5}zt_{-1}t_1 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z^{-1} + v^{-5}z$
$HSM(5_{92}) = v^3zt_{-1}t_2 - v^6t_1 + v^4z^2t_1 + 2v^4t_1 + v^2z^2t_1$
$HSM(\overline{5_{92}}) = -v^{-5}zt_{-2}t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-2}z^2t_{-1} + v^{-4}z^2t_{-1} + 2v^{-4}t_{-1} - v^{-6}t_{-1}$
$HSM(5_{93}) = v^5z^3t_1^2 + 2v^5zt_1^2 + v^4z^4t_2 + 3v^4z^2t_2 + v^4t_2$
$HSM(\overline{5_{93}}) = v^{-6}z^4t_{-2} + 3v^{-6}z^2t_{-2} + v^{-6}t_{-2} - v^{-5}z^5t_{-1}^2 - 4v^{-5}z^3t_{-1}^2 - 3v^{-5}zt_{-1}^2$
$HSM(5_{94}) = v^5z^3t_{-1}t_1 + 2v^5zt_{-1}t_1 - v^5z^3 - 3v^5z - v^5z^{-1} + v^3z^3 + 3v^3z + v^3z^{-1}$
$HSM(\overline{5_{94}}) = -v^{-5}z^3t_{-1}t_1 - 2v^{-5}zt_{-1}t_1 - v^{-3}z^3 - 3v^{-3}z - v^{-3}z^{-1} + v^{-5}z^3 + 3v^{-5}z + v^{-5}z^{-1}$
$HSM(5_{95}) = v^5z^3t_{-1}t_1 + v^5zt_{-1}t_1 + v^7z^{-1} - v^5z^3 - 3v^5z - 3v^5z^{-1} + v^3z^3 + 3v^3z + 2v^3z^{-1}$
$HSM(\overline{5_{95}}) = -v^{-5}z^3t_{-1}t_1 - v^{-5}zt_{-1}t_1 - v^{-3}z^3 - 3v^{-3}z - 2v^{-3}z^{-1} + v^{-5}z^3 + 3v^{-5}z + 3v^{-5}z^{-1} - v^{-7}z^{-1}$

Knots in $L(9,1)$

$HSM(0_1) = t_1$
$HSM(1_1) = t_2$

$HSM(\overline{1_1}) = v^{-2}t_{-2} - v^{-1}zt_{-1}^2$
$HSM(2_1) = vzt_{-1}t_1 - v^3z^{-1} + vz^{-1}$
$HSM(\overline{2_1}) = -v^{-1}zt_{-1}t_1 - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(*2_2) = -v^{-1}zt_1t_2 + v^{-2}t_3$
$HSM(2_3) = t_3$
$HSM(\overline{2_3}) = v^{-4}t_{-3} - 2v^{-3}zt_{-2}t_{-1} + v^{-2}z^2t_{-1}^3$
$HSM(3_1) = vzt_{-1}t_2 + v^2t_1$
$HSM(\overline{3_1}) = -v^{-3}zt_{-2}t_1 + v^{-2}z^2t_{-1}^2t_1 + v^{-2}t_{-1}$
$HSM(3_2) = v^{-4}t_{-4} - v^{-3}zt_{-3}t_{-1} - v^{-3}zt_{-2}^2 + v^{-2}z^2t_{-2}t_{-1}^2$
$HSM(\overline{3_2}) = -v^{-1}zt_1t_3 + v^{-2}t_4$
$HSM(3_3) = vzt_1^2 + v^2t_2$
$HSM(\overline{3_3}) = v^{-4}t_{-2} - v^{-1}zt_{-1}^2 - v^{-3}zt_{-1}^2$
$HSM(3_4) = -z^2t_{-1}t_1^2 + v^{-1}zt_{-1}t_2 + v^2t_1$
$HSM(\overline{3_4}) = -v^{-1}zt_{-2}t_1 + v^{-2}t_{-1}$
$HSM(3_5) = -v^{-1}zt_2^2 + v^{-2}t_4$
$HSM(\overline{3_5}) = v^{-4}t_{-4} - 2v^{-3}zt_{-3}t_{-1} + v^{-2}z^2t_{-2}t_{-1}^2$
$HSM(3_6) = t_4$
$HSM(\overline{3_6}) = v^{-6}t_{-4} - 2v^{-5}zt_{-3}t_{-1} - v^{-5}zt_{-2}^2 + 3v^{-4}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4$
$HSM(3_7) = v^3zt_1^2 + v^2z^2t_2 + v^2t_2$
$HSM(\overline{3_7}) = v^{-4}z^2t_{-2} + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^2 - 2v^{-3}zt_{-1}^2$
$HSM(3_8) = v^3zt_{-1}t_1 - v^3z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{3_8}) = -v^{-3}zt_{-1}t_1 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z + v^{-3}z^{-1}$
$HSM(4_1) = vzt_{-1}t_3 + v^2t_2$
$HSM(\overline{4_1}) = -v^{-5}zt_{-3}t_1 + 2v^{-4}z^2t_{-2}t_{-1}t_1 + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^3t_1 - v^{-3}zt_{-1}^2$
$HSM(4_2) = -v^{-5}zt_{-4}t_{-1} - 2v^{-5}zt_{-3}t_{-2} + v^{-4}z^2t_{-3}t_{-1}^2 + 2v^{-4}z^2t_{-2}^2t_{-1} - v^{-3}z^3t_{-2}t_{-1}^3 + v^{-6}t_4$
$HSM(\overline{4_2}) = v^{-2}t_{-4} - v^{-1}zt_1t_4$
$HSM(4_3) = v^2z^2t_{-1}t_1^2 - v^4t_1 + 2v^2t_1$
$HSM(\overline{4_3}) = v^{-2}z^2t_{-1}^2t_1 + 2v^{-2}t_{-1} - v^{-4}t_{-1}$
$HSM(4_4) = -z^2t_{-1}t_1t_2 + v^{-1}zt_{-1}t_3 - vzt_1^2 + t_2$
$HSM(\overline{4_4}) = -v^{-3}zt_{-3}t_1 + v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-2}t_{-2}$
$HSM(4_5) = v^{-4}t_{-4} + v^{-2}z^2t_1t_2^2 - 2v^{-3}zt_2t_3$
$HSM(\overline{4_5}) = v^{-4}t_{-4} + v^{-2}z^2t_1^2t_3 - 2v^{-3}zt_1t_4$
$HSM(4_6) = v^3z^3t_{-1}t_1 + 2v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z + v^3z^{-1}$
$HSM(\overline{4_6}) = -v^{-3}z^3t_{-1}t_1 - 2v^{-3}zt_{-1}t_1 - v^{-3}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(4_7) = v^3zt_{-1}t_2 + v^2z^2t_1 + v^2t_1$
$HSM(\overline{4_7}) = -v^{-5}zt_{-2}t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-2}z^2t_{-1} + v^{-2}t_{-1}$
$HSM(4_8) = v^{-4}z^2t_{-3} + v^{-4}t_{-3} - v^{-3}z^3t_{-2}t_{-1} - 2v^{-3}zt_{-2}t_{-1}$
$HSM(\overline{4_8}) = -v^2z^2t_1^3 - vz^3t_1t_2 + z^2t_3 + t_3$
$HSM(4_9) = v^{-2}z^2t_{-2} + v^{-2}t_{-2} - v^{-3}zt_{-1}^2$
$HSM(\overline{4_9}) = v^3zt_1^2 - vz^3t_1^2 - vzt_1^2 + z^2t_2 + t_2$
$HSM(4_{10}) = v^3zt_{-1}t_1 + vzt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{4_{10}}) = -v^{-1}zt_{-1}t_1 - v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(4_{11}) = -z^2t_1^3 - vzt_1t_2 + v^{-1}zt_1t_2 + t_3$
$HSM(\overline{4_{11}}) = v^{-4}t_{-3} - v^{-1}zt_{-2}t_{-1} - v^{-3}zt_{-2}t_{-1}$
$HSM(4_{12}) = -z^2t_{-1}t_1t_2 + v^{-1}zt_{-1}t_3 + v^2t_2$
$HSM(\overline{4_{12}}) = -v^{-3}zt_{-3}t_1 + v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-4}t_{-2} - v^{-3}zt_{-1}^2$
$HSM(*4_{13}) = -z^2t_{-1}t_1^2 + v^2t_1 - t_1 + v^{-2}t_1$
$HSM(*4_{14}) = v^{-4}t_{-4} + v^{-2}z^2t_1t_2^2 - v^{-3}zt_1t_4 - v^{-3}zt_2t_3$
$HSM(4_{15}) = -v^{-1}zt_{-2}t_2 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(\overline{4_{15}}) = -v^{-2}z^2t_{-2}t_1^2 + v^{-3}zt_{-2}t_2 + v^{-1}z^3t_{-1}^2t_1^2 - v^{-2}z^2t_{-1}^2t_2 - vzt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$

$HSM(4_{16}) = vzt_1t_2 + v^2t_3$
$HSM(\overline{4_{16}}) = v^{-6}t_{-3} - v^{-3}zt_{-2}t_{-1} - 2v^{-5}zt_{-2}t_{-1} + v^{-2}z^2t_{-1}^3 + v^{-4}z^2t_{-1}^3$
$HSM(4_{17}) = v^{-1}z^3t_{-1}t_1^3 - 2v^{-2}z^2t_{-1}t_1t_2 + v^{-3}zt_{-1}t_3 - vzt_1^2 + t_2$
$HSM(\overline{4_{17}}) = -v^{-1}zt_{-1}t_3 + v^{-2}t_2$
$HSM(4_{18}) = v^{-2}t_{-4} - v^{-1}zt_2t_3$
$HSM(\overline{4_{18}}) = -2v^{-5}zt_{-4}t_{-1} - v^{-5}zt_{-3}t_{-2} + 2v^{-4}z^2t_{-3}t_{-1}^2 + v^{-4}z^2t_{-2}^2t_{-1} - v^{-3}z^3t_{-2}t_{-1}^3 + v^{-6}t_4$
$HSM(4_{19}) = v^{-2}z^2t_{-2}t_1^2 - v^{-3}zt_{-2}t_2 - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(\overline{4_{19}}) = -z^2t_{-2}t_1^2 + v^{-1}zt_{-2}t_2 - v^3z^{-1} + vz^{-1}$
$HSM(4_{20}) = vzt_{-2}t_2 + v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{4_{20}}) = v^{-4}z^2t_{-2}t_1^2 - v^{-5}zt_{-2}t_2 - v^{-3}z^3t_{-1}^2t_1^2 + v^{-4}z^2t_{-1}^2t_2 - v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(*4_{21}) = v^{-4}t_{-4} + v^{-2}z^2t_1^2t_3 - v^{-3}zt_1t_4 - v^{-3}zt_2t_3$
$HSM(4_{22}) = v^3zt_1t_2 + v^2z^2t_3 + v^2t_3$
$HSM(\overline{4_{22}}) = v^{-6}z^2t_{-3} + v^{-6}t_{-3} - 2v^{-5}z^3t_{-2}t_{-1} - 3v^{-5}zt_{-2}t_{-1} + v^{-4}z^4t_{-1}^3 + 2v^{-4}z^2t_{-1}^3$
$HSM(4_{23}) = -v^{-3}zt_{-2}t_1 + v^{-2}z^2t_{-1} + v^{-2}t_{-1}$
$HSM(\overline{4_{23}}) = -v^2z^2t_{-1}t_1^2 + vzt_{-1}t_2 + v^2z^2t_1 + v^2t_1$
$HSM(\overline{4_{24}}) = -2v^{-7}zt_{-4}t_{-1} - 2v^{-7}zt_{-3}t_{-2} + 3v^{-6}z^2t_{-3}t_{-1}^2 + 3v^{-6}z^2t_{-2}^2t_{-1} - 4v^{-5}z^3t_{-2}t_{-1}^3 + v^{-4}z^4t_{-1}^5 + v^{-8}t_4$
$HSM(4_{25}) = v^{-1}zt_{-1}t_1 - v^3z^{-1} + vz + vz^{-1} - v^{-1}z$
$HSM(\overline{4_{25}}) = -vzt_{-1}t_1 + vz - v^{-1}z - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(4_{26}) = -vzt_1^2 - z^2t_2 + v^{-2}t_2$
$HSM(\overline{4_{26}}) = -vzt_1^2 + v^{-1}z^3t_1^2 + v^{-1}zt_1^2 + t_2 - v^{-2}z^2t_2$
$HSM(*4_{27}) = z^2t_1^3 + v^{-1}z^3t_1t_2 - v^{-1}zt_1t_2 - v^{-2}z^2t_3 + v^{-2}t_3$
$HSM(5_1) = v^4z^2t_{-1}t_1^2 + v^3z^3t_{-1}t_2 + v^3zt_{-1}t_2 - v^6t_1 + v^4z^2t_1 + 2v^4t_1$
$HSM(\overline{5_1}) = -v^{-5}z^3t_{-2}t_1 - v^{-5}zt_{-2}t_1 + v^{-4}z^4t_{-1}^2t_1 + 2v^{-4}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1} + 2v^{-4}t_{-1} - v^{-6}t_{-1}$
$HSM(5_2) = -v^2z^2t_{-1}t_1t_2 + vzt_{-1}t_3 + v^2z^2t_2 + v^2t_2$
$HSM(\overline{5_2}) = -v^{-5}zt_{-3}t_1 + v^{-4}z^2t_{-2}t_{-1}t_1 + v^{-4}z^2t_{-2} + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2$
$HSM(5_3) = -v^{-2}z^2t_{-1}^2t_1 + t_{-1} + v^{-2}z^2t_{-1}$
$HSM(\overline{5_3}) = -v^2z^2t_{-1}t_1^2 + v^2z^2t_1 + t_1$
$HSM(5_4) = v^{-6}z^2t_{-4} + v^{-6}t_{-4} - v^{-5}z^3t_{-3}t_{-1} - 2v^{-5}zt_{-3}t_{-1} - v^{-5}z^3t_{-2}^2 - v^{-5}zt_{-2}^2 + v^{-4}z^4t_{-2}t_{-1}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2$
$HSM(\overline{5_4}) = -v^2z^2t_1^2t_2 - vz^3t_1t_3 + z^2t_4 + t_4$
$HSM(5_5) = vzt_{-1}t_4 + v^2t_3$
$HSM(\overline{5_5}) = -v^{-7}zt_{-4}t_1 + 2v^{-6}z^2t_{-3}t_{-1}t_1 + v^{-6}t_{-3} + v^{-6}z^2t_{-2}^2t_1 - 3v^{-5}z^3t_{-2}t_{-1}^2t_1 - 2v^{-5}zt_{-2}t_{-1} + v^{-4}z^4t_{-1}^4t_1 + v^{-4}z^2t_{-1}^3$
$HSM(5_6) = -2v^{-7}zt_{-4}t_{-2} + v^{-6}z^2t_{-4}t_{-1}^2 - v^{-7}zt_{-3}^2 + 4v^{-6}z^2t_{-3}t_{-2}t_{-1} - v^{-5}z^3t_{-3}t_{-1}^3 + v^{-6}z^2t_{-2}^3 - 3v^{-5}z^3t_{-2}^2t_{-1}^2 + v^{-4}z^4t_{-2}t_{-1}^4 - v^{-9}zt_{-1}t_4 + v^{-8}z^2t_3 + v^{-8}t_3$
$HSM(\overline{5_6}) = -v^{-3}zt_{-4}t_1 + v^{-2}z^2t_{-3} + v^{-2}t_{-3}$
$HSM(5_7) = v^2z^2t_{-1}^2t_2 + 2v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{5_7}) = v^{-4}z^2t_{-2}t_1^2 - v^{-3}z^3t_{-1}^2t_1^2 - 2v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(5_8) = -z^2t_{-1}t_1t_3 + v^{-1}zt_{-1}t_4 - vzt_1t_2 + t_3$
$HSM(\overline{5_8}) = -v^{-5}zt_{-4}t_1 + v^{-4}z^2t_{-3}t_{-1}t_1 + v^{-4}t_{-3} + v^{-4}z^2t_{-2}^2t_1 - v^{-3}z^3t_{-2}t_{-1}^2t_1 - v^{-3}zt_{-2}t_{-1}$
$HSM(5_9) = -2v^{-5}zt_{-4}t_{-2} - v^{-5}zt_{-3}^2 + 2v^{-4}z^2t_{-3}t_{-2}t_{-1} + v^{-4}z^2t_{-2}^3 - v^{-3}z^3t_{-2}^2t_{-1}^2 + v^{-6}t_3$
$HSM(\overline{5_9}) = -2v^{-5}zt_{-4}t_1 + 2v^{-4}z^2t_{-3} + v^{-4}t_{-3} + v^{-2}z^2t_1^2t_4$
$HSM(5_{10}) = v^2z^2t_{-1}t_1^2 + v^3zt_{-1}t_2 + v^2t_1$
$HSM(\overline{5_{10}}) = -v^{-5}zt_{-2}t_1 + v^{-2}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-2}t_{-1}$
$HSM(5_{11}) = -vz^3t_{-1}t_1^3 + z^2t_{-1}t_1t_2 + v^3zt_1^2 - vzt_1^2 + t_2$
$HSM(\overline{5_{11}}) = v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-2}t_{-2} - v^{-3}zt_{-1}^2$
$HSM(5_{12}) = -z^2t_{-1}t_2^2 + v^{-1}zt_{-1}t_4 - vzt_1t_2 + t_3$
$HSM(\overline{5_{12}}) = -v^{-5}zt_{-4}t_1 + 2v^{-4}z^2t_{-3}t_{-1}t_1 + v^{-4}t_{-3} - v^{-3}z^3t_{-2}t_{-1}^2t_1 - v^{-3}zt_{-2}t_{-1}$
$HSM(5_{13}) = -z^2t_{-1}^2t_2 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$

$HSM(\overline{5_{13}}) = -v^{-2}z^2t_{-2}t_1^2 + v^{-1}z^3t_{-1}^2t_1^2 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$

$HSM(5_{14}) = v^{-1}z^3t_{-1}t_1^2t_2 - v^{-2}z^2t_{-1}t_1t_3 - v^{-2}z^2t_{-1}t_2^2 + v^{-3}zt_{-1}t_4 - vzt_1t_2 + t_3$

$HSM(\overline{5_{14}}) = -v^{-3}zt_{-4}t_1 + v^{-2}z^2t_{-3}t_{-1}t_1 + v^{-4}t_{-3} - v^{-3}zt_{-2}t_{-1}$

$HSM(5_{15}) = -v^{-5}zt_{-4}t_{-2} - v^{-5}zt_{-3}^2 + 3v^{-4}z^2t_{-3}t_{-2}t_{-1} - v^{-3}z^3t_{-2}^2t_{-1}^2 - v^{-7}zt_{-1}t_4 + v^{-6}z^2t_3 + v^{-6}t_3$

$HSM(\overline{5_{15}}) = -v^{-5}zt_{-4}t_1 + v^{-4}z^2t_{-3} + v^{-4}t_{-3} + v^{-2}z^2t_1t_2t_3 - v^{-3}zt_2t_4$

$HSM(5_{16}) = -v^{-3}zt_{-3}t_2 + v^{-2}z^2t_{-2}t_{-1}t_2 + v^{-2}t_{-1}$

$HSM(\overline{5_{16}}) = -v^{-2}z^2t_{-2}t_1t_2 + v^{-3}zt_{-2}t_3 + v^{-1}z^3t_{-1}^2t_1t_2 - v^{-2}z^2t_{-1}^2t_3 + v^2t_1$

$HSM(5_{17}) = v^{-6}t_{-4} - v^{-3}zt_{-3}t_{-1} - v^{-5}zt_{-3}t_{-1} - v^{-5}zt_{-2}^2 + v^{-2}z^2t_{-2}t_{-1}^2 + v^{-4}z^2t_{-2}t_{-1}^2$

$HSM(\overline{5_{17}}) = -z^2t_1^2t_2 - vzt_1t_3 + v^{-1}zt_1t_3 + t_4$

$HSM(5_{18}) = v^2z^2t_{-1}t_1t_2 + v^3zt_1^2 + v^2t_2$

$HSM(\overline{5_{18}}) = v^{-4}z^2t_{-2}t_{-1}t_1 + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^3t_1 - 2v^{-3}zt_{-1}^2$

$HSM(5_{19}) = v^{-1}z^3t_{-1}t_1^2t_2 - v^{-2}z^2t_{-1}t_1t_3 - v^{-2}z^2t_{-1}t_2^2 + v^{-3}zt_{-1}t_4 + z^2t_1^3 - 2v^{-1}zt_1t_2 + v^{-2}t_3$

$HSM(\overline{5_{19}}) = -v^{-3}zt_{-4}t_1 + v^{-2}z^2t_{-3}t_{-1}t_1 + v^{-2}t_{-3}$

$HSM(5_{20}) = v^{-4}t_{-3} + v^{-2}z^2t_1t_2t_3 - v^{-3}zt_2t_4 - v^{-3}zt_3^2$

$HSM(\overline{5_{20}}) = -v^{-5}zt_{-4}t_{-2} + 2v^{-4}z^2t_{-4}t_{-1}^2 + v^{-4}z^2t_{-3}t_{-2}t_{-1} - v^{-3}z^3t_{-3}t_{-1}^3 - 2v^{-7}zt_{-1}t_4 + 2v^{-6}z^2t_3 + v^{-6}t_3$

$HSM(5_{21}) = v^{-4}z^2t_{-3}t_1^2 - v^{-5}zt_{-3}t_2 - v^{-3}z^3t_{-2}t_{-1}t_1^2 + v^{-4}z^2t_{-2}t_{-1}t_2 - v^{-3}zt_{-2}t_1 + v^{-4}t_{-1}$

$HSM(\overline{5_{21}}) = -z^2t_{-2}t_1t_2 + v^{-1}zt_{-2}t_3 - v^2z^2t_{-1}t_1^2 + vzt_{-1}t_2 + v^4t_1$

$HSM(5_{22}) = -v^{-1}zt_{-1}t_3 + v^{-1}zt_1^2 + t_2$

$HSM(\overline{5_{22}}) = v^{-3}zt_{-3}t_1 - 2v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-2}t_{-2} + v^{-1}z^3t_{-1}^3t_1 - vzt_{-1}^2 - v^{-1}zt_{-1}^2$

$HSM(5_{23}) = v^{-3}zt_{-2}t_1 - v^{-2}z^2t_{-1}^2t_1 + 2t_{-1} - v^{-2}t_{-1}$

$HSM(\overline{5_{23}}) = -vzt_{-1}t_2 - v^2t_1 + 2t_1$

$HSM(5_{24}) = vzt_1t_3 - vzt_2^2 + t_4$

$HSM(\overline{5_{24}}) = v^{-6}t_{-4} - 3v^{-5}zt_{-3}t_{-1} + 3v^{-4}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4$

$HSM(5_{25}) = v^3zt_{-1}t_3 + v^3z^3t_1^2 + v^3zt_1^2 + v^4z^2t_2 + v^4t_2$

$HSM(\overline{5_{25}}) = -v^{-7}zt_{-3}t_1 + 2v^{-6}z^2t_{-2}t_{-1}t_1 + v^{-6}z^2t_{-2} + v^{-6}t_{-2} - v^{-5}z^3t_{-1}^3t_1 - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - v^{-5}zt_{-1}^2$

$HSM(5_{26}) = -v^2z^4t_{-1}t_1^2 - v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + vzt_{-1}t_2 + v^4z^2t_1 + v^2t_1$

$HSM(\overline{5_{26}}) = -v^{-3}z^3t_{-2}t_1 - v^{-3}zt_{-2}t_1 + v^{-2}t_{-1} + v^{-4}z^2t_{-1}$

$HSM(5_{27}) = -v^2z^4t_{-1}t_1^2 - v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + vzt_{-1}t_2 + v^4z^2t_1 + v^2t_1$

$HSM(\overline{5_{27}}) = -v^{-3}z^3t_{-2}t_1 - v^{-3}zt_{-2}t_1 + v^{-2}t_{-1} + v^{-4}z^2t_{-1}$

$HSM(5_{28}) = v^{-4}z^2t_{-4} + v^{-4}t_{-4} - v^{-3}zt_{-3}t_{-1} - v^{-3}z^3t_{-2}^2 - v^{-3}zt_{-2}^2$

$HSM(\overline{5_{28}}) = vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 - 2v^{-1}z^3t_1t_3 - v^{-1}zt_1t_3 + v^{-2}z^2t_4 + v^{-2}t_4$

$HSM(5_{29}) = -vz^3t_{-1}t_1 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 + v^3z - vz - vz^{-1} + v^{-1}z^{-1}$

$HSM(\overline{5_{29}}) = -vzt_{-1}t_1 + v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z + v^{-1}z^{-1} - v^{-3}z$

$HSM(5_{30}) = -vzt_{-1}t_2 - z^2t_1 + v^{-2}t_1$

$HSM(\overline{5_{30}}) = v^{-3}zt_{-2}t_1 - v^{-2}z^2t_{-1}^2t_1 + v^2t_{-1} - z^2t_{-1}$

$HSM(5_{31}) = z^4t_{-1}t_1^2 + z^2t_{-1}t_1^2 - v^{-1}z^3t_{-1}t_2 - v^2z^2t_1 + t_1$

$HSM(\overline{5_{31}}) = v^{-1}z^3t_{-2}t_1 + z^2t_{-1}^2t_1 + t_{-1} - v^{-2}z^2t_{-1}$

$HSM(5_{32}) = -vzt_1t_2 + v^{-1}z^3t_1t_2 + v^{-1}zt_1t_2 + t_3 - v^{-2}z^2t_3$

$HSM(\overline{5_{32}}) = -v^{-2}z^2t_{-3} + v^{-4}t_{-3} + v^{-1}z^3t_{-2}t_{-1} - v^{-1}zt_{-2}t_{-1} - v^{-3}zt_{-2}t_{-1} + z^2t_{-1}^3$

$HSM(5_{33}) = v^{-1}zt_1^2 + v^2t_2 - z^2t_2$

$HSM(\overline{5_{33}}) = -v^{-2}z^2t_{-2} + v^{-4}t_{-2} - vzt_{-1}^2 + v^{-1}z^3t_{-1}^2 - v^{-3}zt_{-1}^2$

$HSM(5_{34}) = z^2t_1^2t_2 - v^{-1}zt_1t_3 + v^{-1}z^3t_2^2 - v^{-2}z^2t_4 + v^{-2}t_4$

$HSM(\overline{5_{34}}) = -v^{-4}z^2t_{-4} + v^{-4}t_{-4} + 2v^{-3}z^3t_{-3}t_{-1} - v^{-3}zt_{-3}t_{-1} - v^{-3}zt_{-2}^2 - v^{-2}z^4t_{-2}t_{-1}^2 + 2v^{-2}z^2t_{-2}t_{-1}^2 - v^{-1}z^3t_{-1}^4$

$HSM(5_{35}) = v^3zt_{-2}t_2 + v^3z^3t_{-1}t_1 + v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z + v^3z^{-1}$

$HSM(\overline{5_{35}}) = v^{-6}z^2t_{-2}t_1^2 - v^{-7}zt_{-2}t_2 - v^{-5}z^3t_{-1}^2t_1^2 + v^{-6}z^2t_{-1}^2t_2 - v^{-3}z^3t_{-1}t_1 - v^{-3}zt_{-1}t_1 - v^{-3}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$

$HSM(5_{36}) = v^3zt_1t_2 - vz^3t_1t_2 - vzt_1t_2 + z^2t_3 + t_3$

$HSM(\overline{5_{36}}) = v^{-4}z^2t_{-3} + v^{-4}t_{-3} - v^{-3}z^3t_{-2}t_{-1} - v^{-3}zt_{-2}t_{-1} - v^{-5}zt_{-2}t_{-1} + v^{-4}z^2t_{-1}^3$
$HSM(5_{37}) = v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - v^{-3}zt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$
$HSM(\overline{5_{37}}) = v^3zt_{-1}t_1 - vz^3t_{-1}t_1 - vzt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$
$HSM(5_{38}) = -v^2z^2t_{-2}t_1^2 + vzt_{-2}t_2 - v^3z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{5_{38}}) = v^{-4}z^2t_{-2}t_1^2 - v^{-5}zt_{-2}t_2 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z + v^{-3}z^{-1}$
$HSM(5_{39}) = v^{-2}z^2t_{-3} + v^{-2}t_{-3} - v^{-3}zt_{-2}t_{-1}$
$HSM(\overline{5_{39}}) = -v^2z^2t_1^3 + z^4t_1^3 + z^2t_1^3 + vzt_1t_2 - 2v^{-1}z^3t_1t_2 - 2v^{-1}zt_1t_2 + v^{-2}z^2t_3 + v^{-2}t_3$
$HSM(5_{40}) = v^3z^3t_{-1}t_2 + 2v^3zt_{-1}t_2 + v^4z^2t_1 + v^4t_1$
$HSM(\overline{5_{40}}) = -v^{-5}z^3t_{-2}t_1 - 2v^{-5}zt_{-2}t_1 + v^{-4}z^4t_{-1}^2t_1 + 2v^{-4}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1} + v^{-4}t_{-1}$
$HSM(5_{41}) = v^{-6}z^2t_{-4} + v^{-6}t_{-4} - v^{-5}z^3t_{-3}t_{-1} - v^{-5}zt_{-3}t_{-1} - v^{-5}z^3t_{-2}^2 - 2v^{-5}zt_{-2}^2 + v^{-4}z^4t_{-2}t_{-1}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2$
$HSM(\overline{5_{41}}) = -v^2z^2t_1^2t_2 - vz^3t_1t_3 - vzt_1t_3 + vzt_2^2 + z^2t_4 + t_4$
$HSM(5_{42}) = v^3zt_{-1}t_2 + vzt_{-1}t_2 + v^4t_1$
$HSM(\overline{5_{42}}) = -v^{-3}zt_{-2}t_1 - v^{-5}zt_{-2}t_1 + v^{-2}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-4}t_{-1}$
$HSM(5_{43}) = v^{-1}z^3t_1^4 + z^2t_1^2t_2 - 2v^{-2}z^2t_1^2t_2 - v^{-1}zt_1t_3 + v^{-3}zt_1t_3 - v^{-1}zt_2^2 + v^{-2}t_4$
$HSM(\overline{5_{43}}) = v^{-4}t_{-4} - v^{-1}zt_{-3}t_{-1} - v^{-3}zt_{-3}t_{-1}$
$HSM(5_{44}) = -z^2t_{-1}t_1t_3 + v^{-1}zt_{-1}t_4 + v^2t_3$
$HSM(\overline{5_{44}}) = -v^{-5}zt_{-4}t_1 + v^{-4}z^2t_{-3}t_{-1}t_1 + v^{-6}t_{-3} + v^{-4}z^2t_{-2}^2t_1 - v^{-3}z^3t_{-2}t_{-1}^2t_1 - 2v^{-5}zt_{-2}t_{-1} + v^{-4}z^2t_{-1}^3$
$HSM(5_{45}) = -v^{-2}z^2t_{-2}t_{-1}t_1 + t_{-2} + v^{-1}z^3t_{-1}^3t_1 - vzt_{-1}^2 + v^{-1}zt_{-1}^2$
$HSM(\overline{5_{45}}) = -z^2t_{-1}t_1t_2 - vzt_1^2 + v^{-2}t_2$
$HSM(5_{46}) = -z^2t_{-2}t_1t_2 + v^{-1}zt_{-2}t_3 + v^2t_1$
$HSM(\overline{5_{46}}) = v^{-4}z^2t_{-3}t_1^2 - v^{-5}zt_{-3}t_2 - v^{-3}z^3t_{-2}t_{-1}t_1^2 + v^{-4}z^2t_{-2}t_{-1}t_2 + v^{-2}t_{-1}$
$HSM(5_{47}) = -2v^{-5}zt_{-4}t_{-2} + v^{-4}z^2t_{-4}t_{-1}^2 + v^{-4}z^2t_{-3}t_{-2}t_{-1} + v^{-4}z^2t_{-2}^3 - v^{-3}z^3t_{-2}^2t_{-1}^2 - v^{-7}zt_{-1}t_4 + v^{-6}z^2t_3 + v^{-6}t_3$
$HSM(\overline{5_{47}}) = -v^{-5}zt_{-4}t_1 + v^{-4}z^2t_{-3} + v^{-4}t_{-3} + v^{-2}z^2t_1t_2t_3 - v^{-3}zt_3^2$
$HSM(5_{48}) = -v^{-1}zt_{-2}t_3 + v^{-1}zt_{-1}t_2 + t_1$
$HSM(\overline{5_{48}}) = -v^{-4}z^2t_{-3}t_1^2 + v^{-5}zt_{-3}t_2 + 2v^{-3}z^3t_{-2}t_{-1}t_1^2 - 2v^{-4}z^2t_{-2}t_{-1}t_2 - v^{-1}zt_{-2}t_1 - v^{-2}z^4t_{-1}^3t_1^2 + v^{-3}z^3t_{-1}^3t_2 + z^2t_{-1}^2t_1 + t_{-1}$
$HSM(5_{49}) = v^{-6}t_{-4} - v^{-5}zt_{-3}t_{-1} - v^{-3}zt_{-2}^2 - v^{-5}zt_{-2}^2 + v^{-2}z^2t_{-2}t_{-1}^2 + v^{-4}z^2t_{-2}t_{-1}^2$
$HSM(\overline{5_{49}}) = -z^2t_1^2t_2 - vzt_1t_3 + v^{-1}zt_2^2 + t_4$
$HSM(5_{50}) = v^3z^3t_1^2 + 2v^3zt_1^2 + v^4z^2t_2 + v^4t_2$
$HSM(\overline{5_{50}}) = v^{-6}z^2t_{-2} + v^{-6}t_{-2} - v^{-3}z^3t_{-1}^2 - 2v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - v^{-5}zt_{-1}^2$
$HSM(5_{51}) = v^4z^2t_{-1}t_1^2 - v^6t_1 + v^4t_1 + v^2z^2t_1 + v^2t_1$
$HSM(\overline{5_{51}}) = v^{-4}z^2t_{-1}^2t_1 + v^{-2}z^2t_{-1} + v^{-2}t_{-1} + v^{-4}t_{-1} - v^{-6}t_{-1}$
$HSM(5_{52}) = v^{-3}z^3t_{-2}t_1 + v^{-3}zt_{-2}t_1 - v^{-2}z^4t_{-1}^2t_1 - 2v^{-2}z^2t_{-1}^2t_1 + z^2t_{-1} + 2t_{-1} - v^{-2}t_{-1}$
$HSM(\overline{5_{52}}) = -v^2z^2t_{-1}t_1^2 - vz^3t_{-1}t_2 - vzt_{-1}t_2 - v^2t_1 + z^2t_1 + 2t_1$
$HSM(5_{53}) = -v^2z^2t_1^2t_2 + vzt_1t_3 - vz^3t_2^2 - vzt_2^2 + z^2t_4 + t_4$
$HSM(\overline{5_{53}}) = v^{-6}z^2t_{-4} + v^{-6}t_{-4} - 2v^{-5}z^3t_{-3}t_{-1} - 3v^{-5}zt_{-3}t_{-1} + v^{-4}z^4t_{-2}t_{-1}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2$
$HSM(5_{54}) = -v^{-3}z^3t_{-2}t_1 - 2v^{-3}zt_{-2}t_1 + v^{-4}z^2t_{-1} + v^{-4}t_{-1}$
$HSM(\overline{5_{54}}) = -v^2z^4t_{-1}t_1^2 - 2v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + 2vzt_{-1}t_2 + v^4z^2t_1 + v^4t_1$
$HSM(5_{55}) = -v^{-5}zt_{-3}t_1 + v^{-4}z^2t_{-2}t_{-1}t_1 + v^{-2}z^2t_{-2} + v^{-2}t_{-2}$
$HSM(\overline{5_{55}}) = -v^2z^2t_{-1}t_1t_2 + vzt_{-1}t_3 - vz^3t_1^2 - vzt_1^2 + z^2t_2 + t_2$
$HSM(5_{56}) = v^{-4}z^2t_{-4} + v^{-4}t_{-4} - v^{-3}z^3t_{-2}^2 - 2v^{-3}zt_{-2}^2$
$HSM(\overline{5_{56}}) = vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 - 2v^{-1}z^3t_1t_3 - 2v^{-1}zt_1t_3 + v^{-1}zt_2^2 + v^{-2}z^2t_4 + v^{-2}t_4$
$HSM(5_{57}) = v^3zt_1^2 + vzt_1^2 + v^4t_2$
$HSM(\overline{5_{57}}) = v^{-6}t_{-2} - v^{-1}zt_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}zt_{-1}^2$
$HSM(5_{58}) = -v^2z^2t_{-1}t_1^2 - z^2t_{-1}t_1^2 + vzt_{-1}t_2 + v^{-1}zt_{-1}t_2 + v^4t_1$
$HSM(\overline{5_{58}}) = -v^{-1}zt_{-2}t_1 - v^{-3}zt_{-2}t_1 + v^{-4}t_{-1}$
$HSM(5_{59}) = -z^2t_1^2t_2 + v^{-1}zt_1t_3 - vzt_2^2 + t_4$

$HSM(\overline{5_{59}}) = v^{-6}t_{-4} - v^{-3}zt_{-3}t_{-1} - 2v^{-5}zt_{-3}t_{-1} + v^{-2}z^2t_{-2}t_{-1}^2 + v^{-4}z^2t_{-2}t_{-1}^2$

$HSM(5_{60}) = -z^2t_{-1}t_1^2 - vzt_{-1}t_2 + v^{-2}t_1$

$HSM(\overline{5_{60}}) = v^{-3}zt_{-2}t_1 - z^2t_{-1}^2t_1 - v^{-2}z^2t_{-1}^2t_1 + v^2t_{-1}$

$HSM(5_{61}) = -vz^3t_{-1}^2t_1^2 + z^2t_{-1}^2t_2 + 2v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$

$HSM(\overline{5_{61}}) = v^{-2}z^2t_{-2}t_1^2 - 2v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$

$HSM(5_{62}) = v^{-1}z^3t_{-1}t_1^2t_2 - 2v^{-2}z^2t_{-1}t_1t_3 + v^{-3}zt_{-1}t_4 - vzt_1t_2 + t_3$

$HSM(\overline{5_{62}}) = -v^{-3}zt_{-4}t_1 + v^{-4}t_{-3} + v^{-2}z^2t_{-2}^2t_1 - v^{-3}zt_{-2}t_{-1}$

$HSM(5_{63}) = -z^2t_{-1}t_1t_2 + v^{-1}zt_1^2 + v^2t_2$

$HSM(\overline{5_{63}}) = -v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-4}t_{-2} + v^{-1}z^3t_{-1}^3t_1 - vzt_{-1}^2 - v^{-3}zt_{-1}^2$

$HSM(5_{64}) = -v^{-2}z^2t_{-2}t_1t_2 + v^{-3}zt_{-2}t_3 + v^{-1}z^3t_{-1}^2t_1t_2 - v^{-2}z^2t_{-1}^2t_3 - vzt_{-1}t_2 + t_1$

$HSM(\overline{5_{64}}) = -v^{-3}zt_{-3}t_2 + v^{-2}z^2t_{-2}t_{-1}t_2 + v^{-3}zt_{-2}t_1 - v^{-2}z^2t_{-1}^2t_1 + t_{-1}$

$HSM(5_{65}) = v^{-4}t_{-3} + v^{-2}z^2t_2^3 - 2v^{-3}zt_2t_4$

$HSM(\overline{5_{65}}) = v^{-4}z^2t_{-4}t_{-1}^2 - v^{-5}zt_{-3}^2 + 2v^{-4}z^2t_{-3}t_{-2}t_{-1} - v^{-3}z^3t_{-2}^2t_{-1}^2 - 2v^{-7}zt_{-1}t_4 + 2v^{-6}z^2t_3 + v^{-6}t_3$

$HSM(5_{66}) = v^{-4}t_{-4} - v^{-1}zt_{-2}^2 - v^{-3}zt_{-2}^2$

$HSM(\overline{5_{66}}) = v^{-1}z^3t_1^4 + z^2t_1^2t_2 - 2v^{-2}z^2t_1^2t_2 - 2v^{-1}zt_1t_3 + v^{-3}zt_2^2 + v^{-2}t_4$

$HSM(5_{67}) = vzt_1t_3 + v^2t_4$

$HSM(\overline{5_{67}}) = v^{-8}t_{-4} - v^{-5}zt_{-3}t_{-1} - 2v^{-7}zt_{-3}t_{-1} - v^{-7}zt_{-2}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2 + 3v^{-6}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4 - v^{-5}z^3t_{-1}^4$

$HSM(5_{68}) = v^{-5}zt_{-4}t_1 - 2v^{-4}z^2t_{-3}t_{-1}t_1 + v^{-2}t_{-3} - v^{-4}z^2t_{-2}^2t_1 + 3v^{-3}z^3t_{-2}t_{-1}^2t_1 - 2v^{-1}zt_{-2}t_{-1} - v^{-2}z^4t_{-1}^4t_1 + z^2t_{-1}^3$

$HSM(\overline{5_{68}}) = -v^{-1}zt_{-1}t_4 + v^{-2}t_3$

$HSM(5_{69}) = v^{-2}t_{-3} - v^{-1}zt_2t_4$

$HSM(\overline{5_{69}}) = -v^{-7}zt_{-4}t_{-2} + 2v^{-6}z^2t_{-4}t_{-1}^2 - v^{-7}zt_{-3}^2 + 4v^{-6}z^2t_{-3}t_{-2}t_{-1} - 2v^{-5}z^3t_{-3}t_{-1}^3 - 2v^{-5}z^3t_{-2}^2t_{-1}^2 + v^{-4}z^4t_{-2}t_{-1}^4 - 2v^{-9}zt_{-1}t_4 + 2v^{-8}z^2t_3 + v^{-8}t_3$

$HSM(5_{70}) = -v^{-5}zt_{-3}t_2 + 2v^{-4}z^2t_{-2}t_{-1}t_2 - v^{-3}z^3t_{-1}^3t_2 + v^{-2}t_{-1}$

$HSM(\overline{5_{70}}) = v^{-1}zt_{-2}t_3 - z^2t_{-1}^2t_3 + v^2t_1$

$HSM(5_{71}) = -v^{-3}zt_{-2}t_2 + v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$

$HSM(\overline{5_{71}}) = -z^2t_{-2}t_1^2 + v^{-1}zt_{-2}t_2 + vz^3t_{-1}^2t_1^2 - z^2t_{-1}^2t_2 - vz^3t_{-1}t_1 - vzt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$

$HSM(5_{72}) = vzt_{-2}t_3 + v^3zt_{-1}t_2 + v^4t_1$

$HSM(\overline{5_{72}}) = v^{-6}z^2t_{-3}t_1^2 - v^{-7}zt_{-3}t_2 - 2v^{-5}z^3t_{-2}t_{-1}t_1^2 + 2v^{-6}z^2t_{-2}t_{-1}t_2 - v^{-5}zt_{-2}t_1 + v^{-4}z^4t_{-1}^3t_1^2 - v^{-5}z^3t_{-1}^3t_2 + v^{-4}z^2t_{-1}^2t_1 + v^{-4}t_{-1}$

$HSM(5_{73}) = -v^{-5}zt_{-4}t_{-2} + v^{-4}z^2t_{-4}t_{-1}^2 - v^{-5}zt_{-3}^2 + 2v^{-4}z^2t_{-3}t_{-2}t_{-1} - v^{-3}z^3t_{-3}t_{-1}^3 - v^{-7}zt_{-1}t_4 + v^{-6}z^2t_3 + v^{-6}t_3$

$HSM(\overline{5_{73}}) = -v^{-5}zt_{-4}t_1 + v^{-4}z^2t_{-3} + v^{-4}t_{-3} + v^{-2}z^2t_1^2t_4 - v^{-3}zt_2t_4$

$HSM(5_{74}) = v^3zt_1t_3 + v^2z^2t_4 + v^2t_4$

$HSM(\overline{5_{74}}) = v^{-8}z^2t_{-4} + v^{-8}t_{-4} - 2v^{-7}z^3t_{-3}t_{-1} - 3v^{-7}zt_{-3}t_{-1} - v^{-7}z^3t_{-2}^2 - v^{-7}zt_{-2}^2 + 3v^{-6}z^4t_{-2}t_{-1}^2 + 5v^{-6}z^2t_{-2}t_{-1}^2 - v^{-5}z^5t_{-1}^4 - 2v^{-5}z^3t_{-1}^4$

$HSM(5_{75}) = -v^{-3}zt_{-3}t_1 + v^{-2}z^2t_{-2} + v^{-2}t_{-2}$

$HSM(\overline{5_{75}}) = vz^3t_{-1}t_1^3 - 2z^2t_{-1}t_1t_2 + v^{-1}zt_{-1}t_3 - vz^3t_1^2 - vzt_1^2 + z^2t_2 + t_2$

$HSM(5_{76}) = -vzt_1t_2 - z^2t_3 + v^{-2}t_3$

$HSM(\overline{5_{76}}) = v^{-2}t_{-3} - v^{-4}z^2t_{-3} - 2v^{-1}zt_{-2}t_{-1} + 2v^{-3}z^3t_{-2}t_{-1} + v^{-3}zt_{-2}t_{-1} + z^2t_{-1}^3 - v^{-2}z^4t_{-1}^3 - v^{-2}z^2t_{-1}^3$

$HSM(5_{77}) = z^2t_1^2t_2 + v^{-1}z^3t_1t_3 - v^{-1}zt_2^2 - v^{-2}z^2t_4 + v^{-2}t_4$

$HSM(\overline{5_{77}}) = -v^{-4}z^2t_{-4} + v^{-4}t_{-4} + v^{-3}z^3t_{-3}t_{-1} - 2v^{-3}zt_{-3}t_{-1} + v^{-3}z^3t_{-2}^2 - v^{-2}z^4t_{-2}t_{-1}^2 + 2v^{-2}z^2t_{-2}t_{-1}^2 - v^{-1}z^3t_{-1}^4$

$HSM(5_{78}) = v^{-1}zt_{-1}t_2 + v^2t_1 - z^2t_1$

$HSM(\overline{5_{78}}) = -v^{-1}zt_{-2}t_1 + z^2t_{-1}^2t_1 - z^2t_{-1} + v^{-2}t_{-1}$

$HSM(5_{79}) = v^3zt_{-1}t_3 + v^2z^2t_2 + v^2t_2$

$HSM(\overline{5_{79}}) = -v^{-7}zt_{-3}t_1 + 2v^{-6}z^2t_{-2}t_{-1}t_1 + v^{-4}z^2t_{-2} + v^{-4}t_{-2} - v^{-5}z^3t_{-1}^3t_1 - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2$

$HSM(5_{80}) = v^{-4}z^2t_{-4} + v^{-4}t_{-4} - v^{-3}z^3t_{-3}t_{-1} - 2v^{-3}zt_{-3}t_{-1}$

$HSM(\overline{5_{80}}) = vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 - v^{-1}z^3t_1t_3 - v^{-1}z^3t_2^2 - v^{-1}zt_2^2 + v^{-2}z^2t_4 + v^{-2}t_4$
$HSM(5_{81}) = v^3zt_2^2 + v^2z^2t_4 + v^2t_4$
$HSM(\overline{5_{81}}) = v^{-8}z^2t_{-4} + v^{-8}t_{-4} - 2v^{-7}z^3t_{-3}t_{-1} - 2v^{-7}zt_{-3}t_{-1} - v^{-7}z^3t_{-2}^2 - 2v^{-7}zt_{-2}^2 + 3v^{-6}z^4t_{-2}t_{-1}^2 + 5v^{-6}z^2t_{-2}t_{-1}^2 - v^{-5}z^5t_{-1}^4 - 2v^{-5}z^3t_{-1}^4$
$HSM(5_{82}) = vzt_2^2 + v^2t_4$
$HSM(\overline{5_{82}}) = v^{-8}t_{-4} - 2v^{-7}zt_{-3}t_{-1} - v^{-5}zt_{-2}^2 - v^{-7}zt_{-2}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2 + 3v^{-6}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4 - v^{-5}z^3t_{-1}^4$
$HSM(5_{83}) = v^{-1}z^3t_{-2}t_1^3 - 2v^{-2}z^2t_{-2}t_1t_2 + v^{-3}zt_{-2}t_3 + v^2t_1$
$HSM(\overline{5_{83}}) = v^{-2}z^2t_{-3}t_1^2 - v^{-3}zt_{-3}t_2 + v^{-2}t_{-1}$
$HSM(5_{84}) = v^{-2}t_{-3} - v^{-1}zt_3^2$
$HSM(\overline{5_{84}}) = -2v^{-7}zt_{-4}t_{-2} + 3v^{-6}z^2t_{-4}t_{-1}^2 + 2v^{-6}z^2t_{-3}t_{-2}t_{-1} - 2v^{-5}z^3t_{-3}t_{-1}^3 + v^{-6}z^2t_{-2}^3 - 2v^{-5}z^3t_{-2}^2t_{-1}^2 + v^{-4}z^4t_{-2}t_{-1}^4 - 2v^{-9}zt_{-1}t_4 + 2v^{-8}z^2t_3 + v^{-8}t_3$
$HSM(\overline{5_{85}}) = -2v^{-9}zt_{-4}t_{-2} + 3v^{-8}z^2t_{-4}t_{-1}^2 - v^{-9}zt_{-3}^2 + 6v^{-8}z^2t_{-3}t_{-2}t_{-1} - 4v^{-7}z^3t_{-3}t_{-1}^3 + v^{-8}z^2t_{-2}^3 - 6v^{-7}z^3t_{-2}^2t_{-1}^2 + 5v^{-6}z^4t_{-2}t_{-1}^4 - v^{-5}z^5t_{-1}^6 - 2v^{-11}zt_{-1}t_4 + 2v^{-10}z^2t_3 + v^{-10}t_3$
$HSM(5_{86}) = v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz - 2vz^{-1} + 2v^{-1}z + 3v^{-1}z^{-1} - v^{-3}z - v^{-3}z^{-1}$
$HSM(\overline{5_{86}}) = -vz^3t_{-1}t_1 - vzt_{-1}t_1 + v^3z + v^3z^{-1} - 2vz - 3vz^{-1} + v^{-1}z + 2v^{-1}z^{-1}$
$HSM(5_{87}) = v^5zt_1^2 + v^3zt_1^2 + v^4z^2t_2 + v^4t_2 + v^2z^2t_2$
$HSM(\overline{5_{87}}) = v^{-4}z^2t_{-2} + v^{-6}z^2t_{-2} + v^{-6}t_{-2} - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - 2v^{-5}zt_{-1}^2$
$HSM(5_{88}) = v^5zt_1^2 + v^4z^2t_2 + v^2z^2t_2 + v^2t_2$
$HSM(\overline{5_{88}}) = v^{-4}z^2t_{-2} + v^{-4}t_{-2} + v^{-6}z^2t_{-2} - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - v^{-5}zt_{-1}^2$
$HSM(5_{89}) = v^3z^3t_{-1}t_1 + v^3zt_{-1}t_1 + v^7z^{-1} - 2v^5z - 3v^5z^{-1} + 2v^3z + 2v^3z^{-1}$
$HSM(\overline{5_{89}}) = -v^{-3}z^3t_{-1}t_1 - v^{-3}zt_{-1}t_1 - 2v^{-3}z - 2v^{-3}z^{-1} + 2v^{-5}z + 3v^{-5}z^{-1} - v^{-7}z^{-1}$
$HSM(5_{90}) = v^5zt_{-1}t_1 + v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z^{-1} + vz$
$HSM(\overline{5_{90}}) = -v^{-3}zt_{-1}t_1 - v^{-5}zt_{-1}t_1 - v^{-1}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(5_{91}) = v^5zt_{-1}t_1 - v^5z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{5_{91}}) = -v^{-5}zt_{-1}t_1 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z^{-1} + v^{-5}z$
$HSM(5_{92}) = v^3zt_{-1}t_2 - v^6t_1 + v^4z^2t_1 + 2v^4t_1 + v^2z^2t_1$
$HSM(\overline{5_{92}}) = -v^{-5}zt_{-2}t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-2}z^2t_{-1} + v^{-4}z^2t_{-1} + 2v^{-4}t_{-1} - v^{-6}t_{-1}$
$HSM(5_{93}) = v^5z^3t_1^2 + 2v^5zt_1^2 + v^4z^4t_2 + 3v^4z^2t_2 + v^4t_2$
$HSM(\overline{5_{93}}) = v^{-6}z^4t_{-2} + 3v^{-6}z^2t_{-2} + v^{-6}t_{-2} - v^{-5}z^5t_{-1}^2 - 4v^{-5}z^3t_{-1}^2 - 3v^{-5}zt_{-1}^2$
$HSM(5_{94}) = v^5z^3t_{-1}t_1 + 2v^5zt_{-1}t_1 - v^5z^3 - 3v^5z - v^5z^{-1} + v^3z^3 + 3v^3z + v^3z^{-1}$
$HSM(\overline{5_{94}}) = -v^{-5}z^3t_{-1}t_1 - 2v^{-5}zt_{-1}t_1 - v^{-3}z^3 - 3v^{-3}z - v^{-3}z^{-1} + v^{-5}z^3 + 3v^{-5}z + v^{-5}z^{-1}$
$HSM(5_{95}) = v^5z^3t_{-1}t_1 + v^5zt_{-1}t_1 + v^7z^{-1} - v^5z^3 - 3v^5z - 3v^5z^{-1} + v^3z^3 + 3v^3z + 2v^3z^{-1}$
$HSM(\overline{5_{95}}) = -v^{-5}z^3t_{-1}t_1 - v^{-5}zt_{-1}t_1 - v^{-3}z^3 - 3v^{-3}z - 2v^{-3}z^{-1} + v^{-5}z^3 + 3v^{-5}z + 3v^{-5}z^{-1} - v^{-7}z^{-1}$

Knots in $L(10,1)$

$HSM(0_1) = t_1$
$HSM(1_1) = t_2$
$HSM(\overline{1_1}) = v^{-2}t_{-2} - v^{-1}zt_{-1}^2$
$HSM(2_1) = vzt_{-1}t_1 - v^3z^{-1} + vz^{-1}$
$HSM(\overline{2_1}) = -v^{-1}zt_{-1}t_1 - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(*2_2) = -v^{-1}zt_1t_2 + v^{-2}t_3$
$HSM(2_3) = t_3$
$HSM(\overline{2_3}) = v^{-4}t_{-3} - 2v^{-3}zt_{-2}t_{-1} + v^{-2}z^2t_{-1}^3$
$HSM(3_1) = vzt_{-1}t_2 + v^2t_1$
$HSM(\overline{3_1}) = -v^{-3}zt_{-2}t_1 + v^{-2}z^2t_{-1}^2t_1 + v^{-2}t_{-1}$
$HSM(3_2) = v^{-4}t_{-4} - v^{-3}zt_{-3}t_{-1} - v^{-3}zt_{-2}^2 + v^{-2}z^2t_{-2}t_{-1}^2$
$HSM(\overline{3_2}) = -v^{-1}zt_1t_3 + v^{-2}t_4$

$HSM(3_3) = vzt_1^2 + v^2t_2$
$HSM(\overline{3_3}) = v^{-4}t_{-2} - v^{-1}zt_{-1}^2 - v^{-3}zt_{-1}^2$
$HSM(3_4) = -z^2t_{-1}t_1^2 + v^{-1}zt_{-1}t_2 + v^2t_1$
$HSM(\overline{3_4}) = -v^{-1}zt_{-2}t_1 + v^{-2}t_{-1}$
$HSM(3_5) = -v^{-1}zt_2^2 + v^{-2}t_4$
$HSM(\overline{3_5}) = v^{-4}t_{-4} - 2v^{-3}zt_{-3}t_{-1} + v^{-2}z^2t_{-2}t_{-1}^2$
$HSM(3_6) = t_4$
$HSM(\overline{3_6}) = v^{-6}t_{-4} - 2v^{-5}zt_{-3}t_{-1} - v^{-5}zt_{-2}^2 + 3v^{-4}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4$
$HSM(3_7) = v^3zt_1^2 + v^2z^2t_2 + v^2t_2$
$HSM(\overline{3_7}) = v^{-4}z^2t_{-2} + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^2 - 2v^{-3}zt_{-1}^2$
$HSM(3_8) = v^3zt_{-1}t_1 - v^3z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{3_8}) = -v^{-3}zt_{-1}t_1 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z + v^{-3}z^{-1}$
$HSM(4_1) = vzt_{-1}t_3 + v^2t_2$
$HSM(\overline{4_1}) = -v^{-5}zt_{-3}t_1 + 2v^{-4}z^2t_{-2}t_{-1}t_1 + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^3t_1 - v^{-3}zt_{-1}^2$
$HSM(4_2) = -v^{-5}zt_{-4}t_{-1} - 2v^{-5}zt_{-3}t_{-2} + v^{-4}z^2t_{-3}t_{-1}^2 + 2v^{-4}z^2t_{-2}^2t_{-1} - v^{-3}z^3t_{-2}t_{-1}^3 + v^{-6}t_5$
$HSM(\overline{4_2}) = -v^{-1}zt_1t_4 + v^{-2}t_5$
$HSM(4_3) = v^2z^2t_{-1}t_1^2 - v^4t_1 + 2v^2t_1$
$HSM(\overline{4_3}) = v^{-2}z^2t_{-1}^2t_1 + 2v^{-2}t_{-1} - v^{-4}t_{-1}$
$HSM(4_4) = -z^2t_{-1}t_1t_2 + v^{-1}zt_{-1}t_3 - vzt_1^2 + t_2$
$HSM(\overline{4_4}) = -v^{-3}zt_{-3}t_1 + v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-2}t_{-2}$
$HSM(4_5) = v^{-2}z^2t_1t_2^2 - 2v^{-3}zt_2t_3 + v^{-4}t_5$
$HSM(\overline{4_5}) = v^{-2}z^2t_1^2t_3 - 2v^{-3}zt_1t_4 + v^{-4}t_5$
$HSM(4_6) = v^3z^3t_{-1}t_1 + 2v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z + v^3z^{-1}$
$HSM(\overline{4_6}) = -v^{-3}z^3t_{-1}t_1 - 2v^{-3}zt_{-1}t_1 - v^{-3}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(4_7) = v^3zt_{-1}t_2 + v^2z^2t_1 + v^2t_1$
$HSM(\overline{4_7}) = -v^{-5}zt_{-2}t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-2}z^2t_{-1} + v^{-2}t_{-1}$
$HSM(4_8) = v^{-4}z^2t_{-3} + v^{-4}t_{-3} - v^{-3}z^3t_{-2}t_{-1} - 2v^{-3}zt_{-2}t_{-1}$
$HSM(\overline{4_8}) = -v^2z^2t_1^3 - vz^3t_1t_2 + z^2t_3 + t_3$
$HSM(4_9) = v^{-2}z^2t_{-2} + v^{-2}t_{-2} - v^{-3}zt_{-1}^2$
$HSM(\overline{4_9}) = v^3zt_1^2 - vz^3t_1^2 - vzt_1^2 + z^2t_2 + t_2$
$HSM(4_{10}) = v^3zt_{-1}t_1 + vzt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{4_{10}}) = -v^{-1}zt_{-1}t_1 - v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(4_{11}) = -z^2t_1^3 - vzt_1t_2 + v^{-1}zt_1t_2 + t_3$
$HSM(\overline{4_{11}}) = v^{-4}t_{-3} - v^{-1}zt_{-2}t_{-1} - v^{-3}zt_{-2}t_{-1}$
$HSM(4_{12}) = -z^2t_{-1}t_1t_2 + v^{-1}zt_{-1}t_3 + v^2t_2$
$HSM(\overline{4_{12}}) = -v^{-3}zt_{-3}t_1 + v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-4}t_{-2} - v^{-3}zt_{-1}^2$
$HSM(*4_{13}) = -z^2t_{-1}t_1^2 + v^2t_1 - t_1 + v^{-2}t_1$
$HSM(*4_{14}) = v^{-2}z^2t_1t_2^2 - v^{-3}zt_1t_4 - v^{-3}zt_2t_3 + v^{-4}t_5$
$HSM(4_{15}) = -v^{-1}zt_{-2}t_2 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(\overline{4_{15}}) = -v^{-2}z^2t_{-2}t_1^2 + v^{-3}zt_{-2}t_2 + v^{-1}z^3t_{-1}^2t_1^2 - v^{-2}z^2t_{-1}^2t_2 - vzt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(4_{16}) = vzt_1t_2 + v^2t_3$
$HSM(\overline{4_{16}}) = v^{-6}t_{-3} - v^{-3}zt_{-2}t_{-1} - 2v^{-5}zt_{-2}t_{-1} + v^{-2}z^2t_{-1}^3 + v^{-4}z^2t_{-1}^3$
$HSM(4_{17}) = v^{-1}z^3t_{-1}t_1^3 - 2v^{-2}z^2t_{-1}t_1t_2 + v^{-3}zt_{-1}t_3 - vzt_1^2 + t_2$
$HSM(\overline{4_{17}}) = -v^{-1}zt_{-1}t_3 + v^{-2}t_2$
$HSM(4_{18}) = -v^{-1}zt_2t_3 + v^{-2}t_5$
$HSM(\overline{4_{18}}) = -2v^{-5}zt_{-4}t_{-1} - v^{-5}zt_{-3}t_{-2} + 2v^{-4}z^2t_{-3}t_{-1}^2 + v^{-4}z^2t_{-2}^2t_{-1} - v^{-3}z^3t_{-2}t_{-1}^3 + v^{-6}t_5$
$HSM(4_{19}) = -v^{-3}zt_{-2}t_2 + v^{-2}z^2t_{-1}^2t_2 - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(\overline{4_{19}}) = -z^2t_{-2}t_1^2 + v^{-1}zt_{-2}t_2 - v^3z^{-1} + vz^{-1}$
$HSM(4_{20}) = vzt_{-2}t_2 + v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{4_{20}}) = v^{-4}z^2t_{-2}t_1^2 - v^{-5}zt_{-2}t_2 - v^{-3}z^3t_{-1}^2t_1^2 + v^{-4}z^2t_{-1}^2t_2 - v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$

$HSM(*4_{21}) = v^{-2}z^2t_1^2t_3 - v^{-3}zt_1t_4 - v^{-3}zt_2t_3 + v^{-4}t_5$
$HSM(4_{22}) = v^3zt_1t_2 + v^2z^2t_3 + v^2t_3$
$HSM(\overline{4_{22}}) = v^{-6}z^2t_{-3} + v^{-6}t_{-3} - 2v^{-5}z^3t_{-2}t_{-1} - 3v^{-5}zt_{-2}t_{-1} + v^{-4}z^4t_{-1}^3 + 2v^{-4}z^2t_{-1}^3$
$HSM(4_{23}) = -v^{-3}zt_{-2}t_1 + v^{-2}z^2t_{-1} + v^{-2}t_{-1}$
$HSM(\overline{4_{23}}) = -v^2z^2t_{-1}t_1^2 + vzt_{-1}t_2 + v^2z^2t_1 + v^2t_1$
$HSM(4_{24}) = t_5$
$HSM(\overline{4_{24}}) = -2v^{-7}zt_{-4}t_{-1} - 2v^{-7}zt_{-3}t_{-2} + 3v^{-6}z^2t_{-3}t_{-1}^2 + 3v^{-6}z^2t_{-2}^2t_{-1} - 4v^{-5}z^3t_{-2}t_{-1}^3 + v^{-4}z^4t_{-1}^5 + v^{-8}t_5$
$HSM(4_{25}) = v^{-1}zt_{-1}t_1 - v^3z^{-1} + vz + vz^{-1} - v^{-1}z$
$HSM(\overline{4_{25}}) = -vzt_{-1}t_1 + vz - v^{-1}z - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(4_{26}) = -vzt_1^2 - z^2t_2 + v^{-2}t_2$
$HSM(\overline{4_{26}}) = -vzt_1^2 + v^{-1}z^3t_1^2 + v^{-1}zt_1^2 + t_2 - v^{-2}z^2t_2$
$HSM(*4_{27}) = z^2t_1^3 + v^{-1}z^3t_1t_2 - v^{-1}zt_1t_2 - v^{-2}z^2t_3 + v^{-2}t_3$
$HSM(5_1) = v^4z^2t_{-1}t_1^2 + v^3z^3t_{-1}t_2 + v^3zt_{-1}t_2 - v^6t_1 + v^4z^2t_1 + 2v^4t_1$
$HSM(\overline{5_1}) = -v^{-5}z^3t_{-2}t_1 - v^{-5}zt_{-2}t_1 + v^{-4}z^4t_{-1}^2t_1 + 2v^{-4}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1} + 2v^{-4}t_{-1} - v^{-6}t_{-1}$
$HSM(5_2) = -v^2z^2t_{-1}t_1t_2 + vzt_{-1}t_3 + v^2z^2t_2 + v^2t_2$
$HSM(\overline{5_2}) = -v^{-5}zt_{-3}t_1 + v^{-4}z^2t_{-2}t_{-1}t_1 + v^{-4}z^2t_{-2} + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2$
$HSM(5_3) = -v^{-2}z^2t_{-1}^2t_1 + t_{-1} + v^{-2}z^2t_{-1}$
$HSM(\overline{5_3}) = -v^2z^2t_{-1}t_1^2 + v^2z^2t_1 + t_1$
$HSM(5_4) = v^{-6}z^2t_{-4} + v^{-6}t_{-4} - v^{-5}z^3t_{-3}t_{-1} - 2v^{-5}zt_{-3}t_{-1} - v^{-5}z^3t_{-2}^2 - v^{-5}zt_{-2}^2 + v^{-4}z^4t_{-2}t_{-1}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2$
$HSM(\overline{5_4}) = -v^2z^2t_1^2t_2 - vz^3t_1t_3 + z^2t_4 + t_4$
$HSM(5_5) = vzt_{-1}t_4 + v^2t_3$
$HSM(\overline{5_5}) = -v^{-7}zt_{-4}t_1 + 2v^{-6}z^2t_{-3}t_{-1}t_1 + v^{-6}t_{-3} + v^{-6}z^2t_{-2}^2t_1 - 3v^{-5}z^3t_{-2}t_{-1}^2t_1 - 2v^{-5}zt_{-2}t_{-1} + v^{-4}z^4t_{-1}^4t_1 + v^{-4}z^2t_{-1}^3$
$HSM(5_6) = -2v^{-7}zt_{-4}t_{-2} + v^{-6}z^2t_{-4}t_{-1}^2 - v^{-7}zt_{-3}^2 + 4v^{-6}z^2t_{-3}t_{-2}t_{-1} - v^{-5}z^3t_{-3}t_{-1}^3 + v^{-6}z^2t_{-2}^3 - 3v^{-5}z^3t_{-2}^2t_{-1}^2 + v^{-4}z^4t_{-2}t_{-1}^4 - v^{-9}zt_{-1}t_5 + v^{-8}z^2t_4 + v^{-8}t_4$
$HSM(\overline{5_6}) = v^{-2}t_{-4} - v^{-1}zt_1t_5$
$HSM(5_7) = v^2z^2t_{-1}^2t_2 + 2v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{5_7}) = -v^{-3}z^3t_{-1}^2t_1^2 + v^{-4}z^2t_{-1}^2t_2 - 2v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(5_8) = -z^2t_{-1}t_1t_3 + v^{-1}zt_{-1}t_4 - vzt_1t_2 + t_3$
$HSM(\overline{5_8}) = -v^{-5}zt_{-4}t_1 + v^{-4}z^2t_{-3}t_{-1}t_1 + v^{-4}t_{-3} + v^{-4}z^2t_{-2}^2t_1 - v^{-3}z^3t_{-2}t_{-1}^2t_1 - v^{-3}zt_{-2}t_{-1}$
$HSM(5_9) = -2v^{-5}zt_{-4}t_{-2} - v^{-5}zt_{-3}^2 + 2v^{-4}z^2t_{-3}t_{-2}t_{-1} + v^{-4}z^2t_{-2}^3 - v^{-3}z^3t_{-2}^2t_{-1}^2 + v^{-6}t_4$
$HSM(\overline{5_9}) = v^{-4}t_{-4} + v^{-2}z^2t_1^2t_4 - 2v^{-3}zt_1t_5$
$HSM(5_{10}) = v^2z^2t_{-1}t_1^2 + v^3zt_{-1}t_2 + v^2t_1$
$HSM(\overline{5_{10}}) = -v^{-5}zt_{-2}t_1 + v^{-2}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-2}t_{-1}$
$HSM(5_{11}) = -vz^3t_{-1}t_1^3 + z^2t_{-1}t_1t_2 + v^3zt_1^2 - vzt_1^2 + t_2$
$HSM(\overline{5_{11}}) = v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-2}t_{-2} - v^{-3}zt_{-1}^2$
$HSM(5_{12}) = -z^2t_{-1}t_2^2 + v^{-1}zt_{-1}t_4 - vzt_1t_2 + t_3$
$HSM(\overline{5_{12}}) = -v^{-5}zt_{-4}t_1 + 2v^{-4}z^2t_{-3}t_{-1}t_1 + v^{-4}t_{-3} - v^{-3}z^3t_{-2}t_{-1}^2t_1 - v^{-3}zt_{-2}t_{-1}$
$HSM(5_{13}) = -z^2t_{-1}^2t_2 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(\overline{5_{13}}) = v^{-1}z^3t_{-1}^2t_1^2 - v^{-2}z^2t_{-1}^2t_2 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(5_{14}) = v^{-1}z^3t_{-1}t_1^2t_2 - v^{-2}z^2t_{-1}t_1t_3 - v^{-2}z^2t_{-1}t_2^2 + v^{-3}zt_{-1}t_4 - vzt_1t_2 + t_3$
$HSM(\overline{5_{14}}) = -v^{-3}zt_{-4}t_1 + v^{-2}z^2t_{-3}t_{-1}t_1 + v^{-4}t_{-3} - v^{-3}zt_{-2}t_{-1}$
$HSM(5_{15}) = -v^{-5}zt_{-4}t_{-2} - v^{-5}zt_{-3}^2 + 3v^{-4}z^2t_{-3}t_{-2}t_{-1} - v^{-3}z^3t_{-2}^2t_{-1}^2 - v^{-7}zt_{-1}t_5 + v^{-6}z^2t_4 + v^{-6}t_4$
$HSM(\overline{5_{15}}) = v^{-4}t_{-4} + v^{-2}z^2t_1t_2t_3 - v^{-3}zt_1t_5 - v^{-3}zt_2t_4$
$HSM(5_{16}) = -v^{-3}zt_{-3}t_2 + v^{-2}z^2t_{-2}t_{-1}t_2 + v^{-2}t_{-1}$
$HSM(\overline{5_{16}}) = -v^{-2}z^2t_{-2}t_1t_2 + v^{-3}zt_{-2}t_3 + v^{-1}z^3t_{-1}^2t_1t_2 - v^{-2}z^2t_{-1}^2t_3 + v^2t_1$
$HSM(5_{17}) = v^{-6}t_{-4} - v^{-3}zt_{-3}t_{-1} - v^{-5}zt_{-3}t_{-1} - v^{-5}zt_{-2}^2 + v^{-2}z^2t_{-2}t_{-1}^2 + v^{-4}z^2t_{-2}t_{-1}^2$
$HSM(\overline{5_{17}}) = -z^2t_1^2t_2 - vzt_1t_3 + v^{-1}zt_1t_3 + t_4$

$HSM(5_{18}) = v^2z^2t_{-1}t_1t_2 + v^3zt_1^2 + v^2t_2$
$HSM(\overline{5_{18}}) = v^{-4}z^2t_{-2}t_{-1}t_1 + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^3t_1 - 2v^{-3}zt_{-1}^2$
$HSM(5_{19}) = v^{-1}z^3t_{-1}t_1^2t_2 - v^{-2}z^2t_{-1}t_1t_3 - v^{-2}z^2t_{-1}t_2^2 + v^{-3}zt_{-1}t_4 + z^2t_1^3 - 2v^{-1}zt_1t_2 + v^{-2}t_3$
$HSM(\overline{5_{19}}) = -v^{-3}zt_{-4}t_1 + v^{-2}z^2t_{-3}t_{-1}t_1 + v^{-2}t_{-3}$
$HSM(5_{20}) = v^{-4}t_{-4} + v^{-2}z^2t_1t_2t_3 - v^{-3}zt_2t_4 - v^{-3}zt_3^2$
$HSM(\overline{5_{20}}) = -v^{-5}zt_{-4}t_{-2} + 2v^{-4}z^2t_{-4}t_{-1}^2 + v^{-4}z^2t_{-3}t_{-2}t_{-1} - v^{-3}z^3t_{-3}t_{-1}^3 - 2v^{-7}zt_{-1}t_5 + 2v^{-6}z^2t_4 + v^{-6}t_4$
$HSM(5_{21}) = v^{-4}z^2t_{-3}t_1^2 - v^{-5}zt_{-3}t_2 - v^{-3}z^3t_{-2}t_{-1}t_1^2 + v^{-4}z^2t_{-2}t_{-1}t_2 - v^{-3}zt_{-2}t_1 + v^{-4}t_{-1}$
$HSM(\overline{5_{21}}) = -z^2t_{-2}t_1t_2 + v^{-1}zt_{-2}t_3 - v^2z^2t_{-1}t_1^2 + vzt_{-1}t_2 + v^4t_1$
$HSM(5_{22}) = -v^{-1}zt_{-1}t_3 + v^{-1}zt_1^2 + t_2$
$HSM(\overline{5_{22}}) = v^{-3}zt_{-3}t_1 - 2v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-2}t_{-2} + v^{-1}z^3t_{-1}^3t_1 - vzt_{-1}^2 - v^{-1}zt_{-1}^2$
$HSM(5_{23}) = v^{-3}zt_{-2}t_1 - v^{-2}z^2t_{-1}^2t_1 + 2t_{-1} - v^{-2}t_{-1}$
$HSM(\overline{5_{23}}) = -vzt_{-1}t_2 - v^2t_1 + 2t_1$
$HSM(5_{24}) = vzt_1t_3 - vzt_2^2 + t_4$
$HSM(\overline{5_{24}}) = v^{-6}t_{-4} - 3v^{-5}zt_{-3}t_{-1} + 3v^{-4}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4$
$HSM(5_{25}) = v^3zt_{-1}t_3 + v^3z^3t_1^2 + v^3zt_1^2 + v^4z^2t_2 + v^4t_2$
$HSM(\overline{5_{25}}) = -v^{-7}zt_{-3}t_1 + 2v^{-6}z^2t_{-2}t_{-1}t_1 + v^{-6}z^2t_{-2} + v^{-6}t_{-2} - v^{-5}z^3t_{-1}^3t_1 - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - v^{-5}zt_{-1}^2$
$HSM(5_{26}) = -v^2z^4t_{-1}t_1^2 - v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + vzt_{-1}t_2 + v^4z^2t_1 + v^2t_1$
$HSM(\overline{5_{26}}) = -v^{-3}z^3t_{-2}t_1 - v^{-3}zt_{-2}t_1 + v^{-2}t_{-1} + v^{-4}z^2t_{-1}$
$HSM(5_{27}) = -v^2z^4t_{-1}t_1^2 - v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + vzt_{-1}t_2 + v^4z^2t_1 + v^2t_1$
$HSM(\overline{5_{27}}) = -v^{-3}z^3t_{-2}t_1 - v^{-3}zt_{-2}t_1 + v^{-2}t_{-1} + v^{-4}z^2t_{-1}$
$HSM(5_{28}) = v^{-4}z^2t_{-4} + v^{-4}t_{-4} - v^{-3}zt_{-3}t_{-1} - v^{-3}z^3t_{-2}^2 - v^{-3}zt_{-2}^2$
$HSM(\overline{5_{28}}) = vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 - 2v^{-1}z^3t_1t_3 - v^{-1}zt_1t_3 + v^{-2}z^2t_4 + v^{-2}t_4$
$HSM(5_{29}) = -vz^3t_{-1}t_1 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 + v^3z - vz - vz^{-1} + v^{-1}z^{-1}$
$HSM(\overline{5_{29}}) = -vzt_{-1}t_1 + v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z + v^{-1}z^{-1} - v^{-3}z$
$HSM(5_{30}) = -vzt_{-1}t_2 - z^2t_1 + v^{-2}t_1$
$HSM(\overline{5_{30}}) = v^{-3}zt_{-2}t_1 - v^{-2}z^2t_{-1}^2t_1 + v^2t_{-1} - z^2t_{-1}$
$HSM(5_{31}) = z^4t_{-1}t_1^2 + z^2t_{-1}t_1^2 - v^{-1}z^3t_{-1}t_2 - v^2z^2t_1 + t_1$
$HSM(\overline{5_{31}}) = v^{-1}z^3t_{-2}t_1 + z^2t_{-1}^2t_1 + t_{-1} - v^{-2}z^2t_{-1}$
$HSM(5_{32}) = -vzt_1t_2 + v^{-1}z^3t_1t_2 + v^{-1}zt_1t_2 + t_3 - v^{-2}z^2t_3$
$HSM(\overline{5_{32}}) = -v^{-2}z^2t_{-3} + v^{-4}t_{-3} + v^{-1}z^3t_{-2}t_{-1} - v^{-1}zt_{-2}t_{-1} - v^{-3}zt_{-2}t_{-1} + z^2t_{-1}^3$
$HSM(5_{33}) = v^{-1}zt_1^2 + v^2t_2 - z^2t_2$
$HSM(\overline{5_{33}}) = -v^{-2}z^2t_{-2} + v^{-4}t_{-2} - vzt_{-1}^2 + v^{-1}z^3t_{-1}^2 - v^{-3}zt_{-1}^2$
$HSM(5_{34}) = z^2t_1^2t_2 - v^{-1}zt_1t_3 + v^{-1}z^3t_2^2 - v^{-2}z^2t_4 + v^{-2}t_4$
$HSM(\overline{5_{34}}) = -v^{-4}z^2t_{-4} + v^{-4}t_{-4} + 2v^{-3}z^3t_{-3}t_{-1} - v^{-3}zt_{-3}t_{-1} - v^{-3}zt_{-2}^2 - v^{-2}z^4t_{-2}t_{-1}^2 + 2v^{-2}z^2t_{-2}t_{-1}^2 - v^{-1}z^3t_{-1}^4$
$HSM(5_{35}) = v^3zt_{-2}t_2 + v^3z^3t_{-1}t_1 + v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z + v^3z^{-1}$
$HSM(\overline{5_{35}}) = v^{-6}z^2t_{-2}t_1^2 - v^{-7}zt_{-2}t_2 - v^{-5}z^3t_{-1}^2t_1^2 + v^{-6}z^2t_{-1}^2t_2 - v^{-3}z^3t_{-1}t_1 - v^{-3}zt_{-1}t_1 - v^{-3}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(5_{36}) = v^3zt_1t_2 - vz^3t_1t_2 - vzt_1t_2 + z^2t_3 + t_3$
$HSM(\overline{5_{36}}) = v^{-4}z^2t_{-3} + v^{-4}t_{-3} - v^{-3}z^3t_{-2}t_{-1} - v^{-3}zt_{-2}t_{-1} - v^{-5}zt_{-2}t_{-1} + v^{-4}z^2t_{-1}^3$
$HSM(5_{37}) = v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - v^{-3}zt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$
$HSM(\overline{5_{37}}) = v^3zt_{-1}t_1 - vz^3t_{-1}t_1 - vzt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$
$HSM(5_{38}) = -v^2z^2t_{-2}t_1^2 + vzt_{-2}t_2 - v^3z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{5_{38}}) = -v^{-5}zt_{-2}t_2 + v^{-4}z^2t_{-1}^2t_2 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z + v^{-3}z^{-1}$
$HSM(5_{39}) = v^{-2}z^2t_{-3} + v^{-2}t_{-3} - v^{-3}zt_{-2}t_{-1}$
$HSM(\overline{5_{39}}) = -v^2z^2t_1^3 + z^4t_1^3 + z^2t_1^3 + vzt_1t_2 - 2v^{-1}z^3t_1t_2 - 2v^{-1}zt_1t_2 + v^{-2}z^2t_3 + v^{-2}t_3$
$HSM(5_{40}) = v^3z^3t_{-1}t_2 + 2v^3zt_{-1}t_2 + v^4z^2t_1 + v^4t_1$
$HSM(\overline{5_{40}}) = -v^{-5}z^3t_{-2}t_1 - 2v^{-5}zt_{-2}t_1 + v^{-4}z^4t_{-1}^2t_1 + 2v^{-4}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1} + v^{-4}t_{-1}$

$HSM(5_{41}) = v^{-6}z^2t_{-4} + v^{-6}t_{-4} - v^{-5}z^3t_{-3}t_{-1} - v^{-5}zt_{-3}t_{-1} - v^{-5}z^3t_{-2}^2 - 2v^{-5}zt_{-2}^2 + v^{-4}z^4t_{-2}t_{-1}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2$

$HSM(\overline{5_{41}}) = -v^2z^2t_1^2t_2 - vz^3t_1t_3 - vzt_1t_3 + vzt_2^2 + z^2t_4 + t_4$

$HSM(5_{42}) = v^3zt_{-1}t_2 + vzt_{-1}t_2 + v^4t_1$

$HSM(\overline{5_{42}}) = -v^{-3}zt_{-2}t_1 - v^{-5}zt_{-2}t_1 + v^{-2}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-4}t_{-1}$

$HSM(5_{43}) = v^{-1}z^3t_1^4 + z^2t_1^2t_2 - 2v^{-2}z^2t_1^2t_2 - v^{-1}zt_1t_3 + v^{-3}zt_1t_3 - v^{-1}zt_2^2 + v^{-2}t_4$

$HSM(\overline{5_{43}}) = v^{-4}t_{-4} - v^{-1}zt_{-3}t_{-1} - v^{-3}zt_{-3}t_{-1}$

$HSM(5_{44}) = -z^2t_{-1}t_1t_3 + v^{-1}zt_{-1}t_4 + v^2t_3$

$HSM(\overline{5_{44}}) = -v^{-5}zt_{-4}t_1 + v^{-4}z^2t_{-3}t_{-1}t_1 + v^{-6}t_{-3} + v^{-4}z^2t_{-2}^2t_1 - v^{-3}z^3t_{-2}t_{-1}^2t_1 - 2v^{-5}zt_{-2}t_{-1} + v^{-4}z^2t_{-1}^3$

$HSM(5_{45}) = -v^{-2}z^2t_{-2}t_{-1}t_1 + t_{-2} + v^{-1}z^3t_{-1}^3t_1 - vzt_{-1}^2 + v^{-1}zt_{-1}^2$

$HSM(\overline{5_{45}}) = -z^2t_{-1}t_1t_2 - vzt_1^2 + v^{-2}t_2$

$HSM(5_{46}) = -z^2t_{-2}t_1t_2 + v^{-1}zt_{-2}t_3 + v^2t_1$

$HSM(\overline{5_{46}}) = v^{-4}z^2t_{-3}t_1^2 - v^{-5}zt_{-3}t_2 - v^{-3}z^3t_{-2}t_{-1}t_1^2 + v^{-4}z^2t_{-2}t_{-1}t_2 + v^{-2}t_{-1}$

$HSM(5_{47}) = -2v^{-5}zt_{-4}t_{-2} + v^{-4}z^2t_{-4}t_{-1}^2 + v^{-4}z^2t_{-3}t_{-2}t_{-1} + v^{-4}z^2t_{-2}^3 - v^{-3}z^3t_{-2}^2t_{-1}^2 - v^{-7}zt_{-1}t_5 + v^{-6}z^2t_4 + v^{-6}t_4$

$HSM(\overline{5_{47}}) = v^{-4}t_{-4} + v^{-2}z^2t_1t_2t_3 - v^{-3}zt_1t_5 - v^{-3}zt_3^2$

$HSM(5_{48}) = -v^{-1}zt_{-2}t_3 + v^{-1}zt_{-1}t_2 + t_1$

$HSM(\overline{5_{48}}) = -v^{-4}z^2t_{-3}t_1^2 + v^{-5}zt_{-3}t_2 + 2v^{-3}z^3t_{-2}t_{-1}t_1^2 - 2v^{-4}z^2t_{-2}t_{-1}t_2 - v^{-1}zt_{-2}t_1 - v^{-2}z^4t_{-1}^3t_1^2 + v^{-3}z^3t_{-1}^3t_2 + z^2t_{-1}^2t_1 + t_{-1}$

$HSM(5_{49}) = v^{-6}t_{-4} - v^{-5}zt_{-3}t_{-1} - v^{-3}zt_{-2}^2 - v^{-5}zt_{-2}^2 + v^{-2}z^2t_{-2}t_{-1}^2 + v^{-4}z^2t_{-2}t_{-1}^2$

$HSM(\overline{5_{49}}) = -z^2t_1^2t_2 - vzt_1t_3 + v^{-1}zt_2^2 + t_4$

$HSM(5_{50}) = v^3z^3t_1^2 + 2v^3zt_1^2 + v^4z^2t_2 + v^4t_2$

$HSM(\overline{5_{50}}) = v^{-6}z^2t_{-2} + v^{-6}t_{-2} - v^{-3}z^3t_{-1}^2 - 2v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - v^{-5}zt_{-1}^2$

$HSM(5_{51}) = v^4z^2t_{-1}t_1^2 - v^6t_1 + v^4t_1 + v^2z^2t_1 + v^2t_1$

$HSM(\overline{5_{51}}) = v^{-4}z^2t_{-1}^2t_1 + v^{-2}z^2t_{-1} + v^{-2}t_{-1} + v^{-4}t_{-1} - v^{-6}t_{-1}$

$HSM(5_{52}) = v^{-3}z^3t_{-2}t_1 + v^{-3}zt_{-2}t_1 - v^{-2}z^4t_{-1}^2t_1 - 2v^{-2}z^2t_{-1}^2t_1 + z^2t_{-1} + 2t_{-1} - v^{-2}t_{-1}$

$HSM(\overline{5_{52}}) = -v^2z^2t_{-1}t_1^2 - vz^3t_{-1}t_2 - vzt_{-1}t_2 - v^2t_1 + z^2t_1 + 2t_1$

$HSM(5_{53}) = -v^2z^2t_1^2t_2 + vzt_1t_3 - vz^3t_2^2 - vzt_2^2 + z^2t_4 + t_4$

$HSM(\overline{5_{53}}) = v^{-6}z^2t_{-4} + v^{-6}t_{-4} - 2v^{-5}z^3t_{-3}t_{-1} - 3v^{-5}zt_{-3}t_{-1} + v^{-4}z^4t_{-2}t_{-1}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2$

$HSM(5_{54}) = -v^{-3}z^3t_{-2}t_1 - 2v^{-3}zt_{-2}t_1 + v^{-4}z^2t_{-1} + v^{-4}t_{-1}$

$HSM(\overline{5_{54}}) = -v^2z^4t_{-1}t_1^2 - 2v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + 2vzt_{-1}t_2 + v^4z^2t_1 + v^4t_1$

$HSM(5_{55}) = -v^{-5}zt_{-3}t_1 + v^{-4}z^2t_{-2}t_{-1}t_1 + v^{-2}z^2t_{-2} + v^{-2}t_{-2}$

$HSM(\overline{5_{55}}) = -v^2z^2t_{-1}t_1t_2 + vzt_{-1}t_3 - vz^3t_1^2 - vzt_1^2 + z^2t_2 + t_2$

$HSM(5_{56}) = v^{-4}z^2t_{-4} + v^{-4}t_{-4} - v^{-3}z^3t_{-2}^2 - 2v^{-3}zt_{-2}^2$

$HSM(\overline{5_{56}}) = vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 - 2v^{-1}z^3t_1t_3 - 2v^{-1}zt_1t_3 + v^{-1}zt_2^2 + v^{-2}z^2t_4 + v^{-2}t_4$

$HSM(5_{57}) = v^3zt_1^2 + vzt_1^2 + v^4t_2$

$HSM(\overline{5_{57}}) = v^{-6}t_{-2} - v^{-1}zt_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}zt_{-1}^2$

$HSM(5_{58}) = -v^2z^2t_{-1}t_1^2 - z^2t_{-1}t_1^2 + vzt_{-1}t_2 + v^{-1}zt_{-1}t_2 + v^4t_1$

$HSM(\overline{5_{58}}) = -v^{-1}zt_{-2}t_1 - v^{-3}zt_{-2}t_1 + v^{-4}t_{-1}$

$HSM(5_{59}) = -z^2t_1^2t_2 + v^{-1}zt_1t_3 - vzt_2^2 + t_4$

$HSM(\overline{5_{59}}) = v^{-6}t_{-4} - v^{-3}zt_{-3}t_{-1} - 2v^{-5}zt_{-3}t_{-1} + v^{-2}z^2t_{-2}t_{-1}^2 + v^{-4}z^2t_{-2}t_{-1}^2$

$HSM(5_{60}) = -z^2t_{-1}t_1^2 - vzt_{-1}t_2 + v^{-2}t_1$

$HSM(\overline{5_{60}}) = v^{-3}zt_{-2}t_1 - z^2t_{-1}^2t_1 - v^{-2}z^2t_{-1}^2t_1 + v^2t_{-1}$

$HSM(5_{61}) = -vz^3t_{-1}^2t_1^2 + z^2t_{-1}^2t_2 + 2v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$

$HSM(\overline{5_{61}}) = v^{-2}z^2t_{-1}^2t_2 - 2v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$

$HSM(5_{62}) = v^{-1}z^3t_{-1}t_1^2t_2 - 2v^{-2}z^2t_{-1}t_1t_3 + v^{-3}zt_{-1}t_4 - vzt_1t_2 + t_3$

$HSM(\overline{5_{62}}) = -v^{-3}zt_{-4}t_1 + v^{-4}t_{-3} + v^{-2}z^2t_{-2}^2t_1 - v^{-3}zt_{-2}t_{-1}$

$HSM(5_{63}) = -z^2t_{-1}t_1t_2 + v^{-1}zt_1^2 + v^2t_2$

$HSM(\overline{5_{63}}) = -v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-4}t_{-2} + v^{-1}z^3t_{-1}^3t_1 - vzt_{-1}^2 - v^{-3}zt_{-1}^2$

$HSM(5_{64}) = -v^{-2}z^2t_{-2}t_1t_2 + v^{-3}zt_{-2}t_3 + v^{-1}z^3t_{-1}^2t_1t_2 - v^{-2}z^2t_{-1}^2t_3 - vzt_{-1}t_2 + t_1$
$HSM(\overline{5_{64}}) = -v^{-3}zt_{-3}t_2 + v^{-2}z^2t_{-2}t_{-1}t_2 + v^{-3}zt_{-2}t_1 - v^{-2}z^2t_{-1}^2t_1 + t_{-1}$
$HSM(5_{65}) = v^{-4}t_{-4} + v^{-2}z^2t_2^3 - 2v^{-3}zt_2t_4$
$HSM(\overline{5_{65}}) = v^{-4}z^2t_{-4}t_{-1}^2 - v^{-5}zt_{-3}^2 + 2v^{-4}z^2t_{-3}t_{-2}t_{-1} - v^{-3}z^3t_{-2}^2t_{-1}^2 - 2v^{-7}zt_{-1}t_5 + 2v^{-6}z^2t_4 + v^{-6}t_4$
$HSM(5_{66}) = v^{-4}t_{-4} - v^{-1}zt_{-2}^2 - v^{-3}zt_{-2}^2$
$HSM(\overline{5_{66}}) = v^{-1}z^3t_1^4 + z^2t_1^2t_2 - 2v^{-2}z^2t_1^2t_2 - 2v^{-1}zt_1t_3 + v^{-3}zt_2^2 + v^{-2}t_4$
$HSM(5_{67}) = vzt_1t_3 + v^2t_4$
$HSM(\overline{5_{67}}) = v^{-8}t_{-4} - v^{-5}zt_{-3}t_{-1} - 2v^{-7}zt_{-3}t_{-1} - v^{-7}zt_{-2}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2 + 3v^{-6}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4 - v^{-5}z^3t_{-1}^4$
$HSM(5_{68}) = v^{-5}zt_{-4}t_1 - 2v^{-4}z^2t_{-3}t_{-1}t_1 + v^{-2}t_{-3} - v^{-4}z^2t_{-2}^2t_1 + 3v^{-3}z^3t_{-2}t_{-1}^2t_1 - 2v^{-1}zt_{-2}t_{-1} - v^{-2}z^4t_{-1}^4t_1 + z^2t_{-1}^3$
$HSM(\overline{5_{68}}) = -v^{-1}zt_{-1}t_4 + v^{-2}t_3$
$HSM(5_{69}) = v^{-2}t_{-4} - v^{-1}zt_2t_4$
$HSM(\overline{5_{69}}) = -v^{-7}zt_{-4}t_{-2} + 2v^{-6}z^2t_{-4}t_{-1}^2 - v^{-7}zt_{-3}^2 + 4v^{-6}z^2t_{-3}t_{-2}t_{-1} - 2v^{-5}z^3t_{-3}t_{-1}^3 - 2v^{-5}z^3t_{-2}^2t_{-1}^2 + v^{-4}z^4t_{-2}t_{-1}^4 - 2v^{-9}zt_{-1}t_5 + 2v^{-8}z^2t_4 + v^{-8}t_4$
$HSM(5_{70}) = -v^{-5}zt_{-3}t_2 + 2v^{-4}z^2t_{-2}t_{-1}t_2 - v^{-3}z^3t_{-1}^3t_2 + v^{-2}t_{-1}$
$HSM(\overline{5_{70}}) = v^{-1}zt_{-2}t_3 - z^2t_{-1}^2t_3 + v^2t_1$
$HSM(5_{71}) = -v^{-3}zt_{-2}t_2 + v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$
$HSM(\overline{5_{71}}) = -z^2t_{-2}t_1^2 + v^{-1}zt_{-2}t_2 + vz^3t_{-1}^2t_1^2 - z^2t_{-1}^2t_2 - vz^3t_{-1}t_1 - vzt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$
$HSM(5_{72}) = vzt_{-2}t_3 + v^3zt_{-1}t_2 + v^4t_1$
$HSM(\overline{5_{72}}) = v^{-6}z^2t_{-3}t_1^2 - v^{-7}zt_{-3}t_2 - 2v^{-5}z^3t_{-2}t_{-1}t_1^2 + 2v^{-6}z^2t_{-2}t_{-1}t_2 - v^{-5}zt_{-2}t_1 + v^{-4}z^4t_{-1}^3t_1^2 - v^{-5}z^3t_{-1}^3t_2 + v^{-4}z^2t_{-1}^2t_1 + v^{-4}t_{-1}$
$HSM(5_{73}) = -v^{-5}zt_{-4}t_{-2} + v^{-4}z^2t_{-4}t_{-1}^2 - v^{-5}zt_{-3}^2 + 2v^{-4}z^2t_{-3}t_{-2}t_{-1} - v^{-3}z^3t_{-3}t_{-1}^3 - v^{-7}zt_{-1}t_5 + v^{-6}z^2t_4 + v^{-6}t_4$
$HSM(\overline{5_{73}}) = v^{-4}t_{-4} + v^{-2}z^2t_1^2t_4 - v^{-3}zt_1t_5 - v^{-3}zt_2t_4$
$HSM(5_{74}) = v^3zt_1t_3 + v^2z^2t_4 + v^2t_4$
$HSM(\overline{5_{74}}) = v^{-8}z^2t_{-4} + v^{-8}t_{-4} - 2v^{-7}z^3t_{-3}t_{-1} - 3v^{-7}zt_{-3}t_{-1} - v^{-7}z^3t_{-2}^2 - v^{-7}zt_{-2}^2 + 3v^{-6}z^4t_{-2}t_{-1}^2 + 5v^{-6}z^2t_{-2}t_{-1}^2 - v^{-5}z^5t_{-1}^4 - 2v^{-5}z^3t_{-1}^4$
$HSM(5_{75}) = -v^{-3}zt_{-3}t_1 + v^{-2}z^2t_{-2} + v^{-2}t_{-2}$
$HSM(\overline{5_{75}}) = vz^3t_{-1}t_1^3 - 2z^2t_{-1}t_1t_2 + v^{-1}zt_{-1}t_3 - vz^3t_1^2 - vzt_1^2 + z^2t_2 + t_2$
$HSM(5_{76}) = -vzt_1t_2 - z^2t_3 + v^{-2}t_3$
$HSM(\overline{5_{76}}) = v^{-2}t_{-3} - v^{-4}z^2t_{-3} - 2v^{-1}zt_{-2}t_{-1} + 2v^{-3}z^3t_{-2}t_{-1} + v^{-3}zt_{-2}t_{-1} + z^2t_{-1}^3 - v^{-2}z^4t_{-1}^3 - v^{-2}z^2t_{-1}^3$
$HSM(5_{77}) = z^2t_1^2t_2 + v^{-1}z^3t_1t_3 - v^{-1}zt_2^2 - v^{-2}z^2t_4 + v^{-2}t_4$
$HSM(\overline{5_{77}}) = -v^{-4}z^2t_{-4} + v^{-4}t_{-4} + v^{-3}z^3t_{-3}t_{-1} - 2v^{-3}zt_{-3}t_{-1} + v^{-3}z^3t_{-2}^2 - v^{-2}z^4t_{-2}t_{-1}^2 + 2v^{-2}z^2t_{-2}t_{-1}^2 - v^{-1}z^3t_{-1}^4$
$HSM(5_{78}) = v^{-1}zt_{-1}t_2 + v^2t_1 - z^2t_1$
$HSM(\overline{5_{78}}) = -v^{-1}zt_{-2}t_1 + z^2t_{-1}^2t_1 - z^2t_{-1} + v^{-2}t_{-1}$
$HSM(5_{79}) = v^3zt_{-1}t_3 + v^2z^2t_2 + v^2t_2$
$HSM(\overline{5_{79}}) = -v^{-7}zt_{-3}t_1 + 2v^{-6}z^2t_{-2}t_{-1}t_1 + v^{-4}z^2t_{-2} + v^{-4}t_{-2} - v^{-5}z^3t_{-1}^3t_1 - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2$
$HSM(5_{80}) = v^{-4}z^2t_{-4} + v^{-4}t_{-4} - v^{-3}z^3t_{-3}t_{-1} - 2v^{-3}zt_{-3}t_{-1}$
$HSM(\overline{5_{80}}) = vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 - v^{-1}z^3t_1t_3 - v^{-1}z^3t_2^2 - v^{-1}zt_2^2 + v^{-2}z^2t_4 + v^{-2}t_4$
$HSM(5_{81}) = v^3zt_2^2 + v^2z^2t_4 + v^2t_4$
$HSM(\overline{5_{81}}) = v^{-8}z^2t_{-4} + v^{-8}t_{-4} - 2v^{-7}z^3t_{-3}t_{-1} - 2v^{-7}zt_{-3}t_{-1} - v^{-7}z^3t_{-2}^2 - 2v^{-7}zt_{-2}^2 + 3v^{-6}z^4t_{-2}t_{-1}^2 + 5v^{-6}z^2t_{-2}t_{-1}^2 - v^{-5}z^5t_{-1}^4 - 2v^{-5}z^3t_{-1}^4$
$HSM(5_{82}) = vzt_2^2 + v^2t_4$
$HSM(\overline{5_{82}}) = v^{-8}t_{-4} - 2v^{-7}zt_{-3}t_{-1} - v^{-5}zt_{-2}^2 - v^{-7}zt_{-2}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2 + 3v^{-6}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4 - v^{-5}z^3t_{-1}^4$
$HSM(5_{83}) = v^{-1}z^3t_{-2}t_1^3 - 2v^{-2}z^2t_{-2}t_1t_2 + v^{-3}zt_{-2}t_3 + v^2t_1$
$HSM(\overline{5_{83}}) = v^{-2}z^2t_{-3}t_1^2 - v^{-3}zt_{-3}t_2 + v^{-2}t_{-1}$

$HSM(5_{84}) = v^{-2}t_{-4} - v^{-1}zt_3^2$
$HSM(\overline{5_{84}}) = -2v^{-7}zt_{-4}t_{-2}+3v^{-6}z^2t_{-4}t_{-1}^2+2v^{-6}z^2t_{-3}t_{-2}t_{-1}-2v^{-5}z^3t_{-3}t_{-1}^3+v^{-6}z^2t_{-2}^3-2v^{-5}z^3t_{-2}^2t_{-1}^2+v^{-4}z^4t_{-2}t_{-1}^4 - 2v^{-9}zt_{-1}t_5 + 2v^{-8}z^2t_4 + v^{-8}t_4$
$HSM(\overline{5_{85}}) = -2v^{-9}zt_{-4}t_{-2}+3v^{-8}z^2t_{-4}t_{-1}^2-v^{-9}zt_{-3}^2+6v^{-8}z^2t_{-3}t_{-2}t_{-1}-4v^{-7}z^3t_{-3}t_{-1}^3+v^{-8}z^2t_{-2}^3-6v^{-7}z^3t_{-2}^2t_{-1}^2+5v^{-6}z^4t_{-2}t_{-1}^4-v^{-5}z^5t_{-1}^6-2v^{-11}zt_{-1}t_5+2v^{-10}z^2t_4+v^{-10}t_4$
$HSM(5_{86}) = v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz - 2vz^{-1} + 2v^{-1}z + 3v^{-1}z^{-1} - v^{-3}z - v^{-3}z^{-1}$
$HSM(\overline{5_{86}}) = -vz^3t_{-1}t_1 - vzt_{-1}t_1 + v^3z + v^3z^{-1} - 2vz - 3vz^{-1} + v^{-1}z + 2v^{-1}z^{-1}$
$HSM(5_{87}) = v^5zt_1^2 + v^3zt_1^2 + v^4z^2t_2 + v^4t_2 + v^2z^2t_2$
$HSM(\overline{5_{87}}) = v^{-4}z^2t_{-2} + v^{-6}z^2t_{-2} + v^{-6}t_{-2} - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - 2v^{-5}zt_{-1}^2$
$HSM(5_{88}) = v^5zt_1^2 + v^4z^2t_2 + v^2z^2t_2 + v^2t_2$
$HSM(\overline{5_{88}}) = v^{-4}z^2t_{-2} + v^{-4}t_{-2} + v^{-6}z^2t_{-2} - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - v^{-5}zt_{-1}^2$
$HSM(5_{89}) = v^3z^3t_{-1}t_1 + v^3zt_{-1}t_1 + v^7z^{-1} - 2v^5z - 3v^5z^{-1} + 2v^3z + 2v^3z^{-1}$
$HSM(\overline{5_{89}}) = -v^{-3}z^3t_{-1}t_1 - v^{-3}zt_{-1}t_1 - 2v^{-3}z - 2v^{-3}z^{-1} + 2v^{-5}z + 3v^{-5}z^{-1} - v^{-7}z^{-1}$
$HSM(5_{90}) = v^5zt_{-1}t_1 + v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z^{-1} + vz$
$HSM(\overline{5_{90}}) = -v^{-3}zt_{-1}t_1 - v^{-5}zt_{-1}t_1 - v^{-1}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(5_{91}) = v^5zt_{-1}t_1 - v^5z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{5_{91}}) = -v^{-5}zt_{-1}t_1 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z^{-1} + v^{-5}z$
$HSM(5_{92}) = v^3zt_{-1}t_2 - v^6t_1 + v^4z^2t_1 + 2v^4t_1 + v^2z^2t_1$
$HSM(\overline{5_{92}}) = -v^{-5}zt_{-2}t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-2}z^2t_{-1} + v^{-4}z^2t_{-1} + 2v^{-4}t_{-1} - v^{-6}t_{-1}$
$HSM(5_{93}) = v^5z^3t_1^2 + 2v^5zt_1^2 + v^4z^4t_2 + 3v^4z^2t_2 + v^4t_2$
$HSM(\overline{5_{93}}) = v^{-6}z^4t_{-2} + 3v^{-6}z^2t_{-2} + v^{-6}t_{-2} - v^{-5}z^5t_{-1}^2 - 4v^{-5}z^3t_{-1}^2 - 3v^{-5}zt_{-1}^2$
$HSM(5_{94}) = v^5z^3t_{-1}t_1 + 2v^5zt_{-1}t_1 - v^5z^3 - 3v^5z - v^5z^{-1} + v^3z^3 + 3v^3z + v^3z^{-1}$
$HSM(\overline{5_{94}}) = -v^{-5}z^3t_{-1}t_1 - 2v^{-5}zt_{-1}t_1 - v^{-3}z^3 - 3v^{-3}z - v^{-3}z^{-1} + v^{-5}z^3 + 3v^{-5}z + v^{-5}z^{-1}$
$HSM(5_{95}) = v^5z^3t_{-1}t_1 + v^5zt_{-1}t_1 + v^7z^{-1} - v^5z^3 - 3v^5z - 3v^5z^{-1} + v^3z^3 + 3v^3z + 2v^3z^{-1}$
$HSM(\overline{5_{95}}) = -v^{-5}z^3t_{-1}t_1 - v^{-5}zt_{-1}t_1 - v^{-3}z^3 - 3v^{-3}z - 2v^{-3}z^{-1} + v^{-5}z^3 + 3v^{-5}z + 3v^{-5}z^{-1} - v^{-7}z^{-1}$

Knots in $L(11,1)$

$HSM(0_1) = t_1$
$HSM(1_1) = t_2$
$HSM(\overline{1_1}) = v^{-2}t_{-2} - v^{-1}zt_{-1}^2$
$HSM(2_1) = vzt_{-1}t_1 - v^3z^{-1} + vz^{-1}$
$HSM(\overline{2_1}) = -v^{-1}zt_{-1}t_1 - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(*2_2) = -v^{-1}zt_1t_2 + v^{-2}t_3$
$HSM(2_3) = t_3$
$HSM(\overline{2_3}) = v^{-4}t_{-3} - 2v^{-3}zt_{-2}t_{-1} + v^{-2}z^2t_{-1}^3$
$HSM(3_1) = vzt_{-1}t_2 + v^2t_1$
$HSM(\overline{3_1}) = -v^{-3}zt_{-2}t_1 + v^{-2}z^2t_{-1}^2t_1 + v^{-2}t_{-1}$
$HSM(3_2) = v^{-4}t_{-4} - v^{-3}zt_{-3}t_{-1} - v^{-3}zt_{-2}^2 + v^{-2}z^2t_{-2}t_{-1}^2$
$HSM(\overline{3_2}) = -v^{-1}zt_1t_3 + v^{-2}t_4$
$HSM(3_3) = vzt_1^2 + v^2t_2$
$HSM(\overline{3_3}) = v^{-4}t_{-2} - v^{-1}zt_{-1}^2 - v^{-3}zt_{-1}^2$
$HSM(3_4) = -z^2t_{-1}t_1^2 + v^{-1}zt_{-1}t_2 + v^2t_1$
$HSM(\overline{3_4}) = -v^{-1}zt_{-2}t_1 + v^{-2}t_{-1}$
$HSM(3_5) = -v^{-1}zt_2^2 + v^{-2}t_4$
$HSM(\overline{3_5}) = v^{-4}t_{-4} - 2v^{-3}zt_{-3}t_{-1} + v^{-2}z^2t_{-2}t_{-1}^2$
$HSM(3_6) = t_4$
$HSM(\overline{3_6}) = v^{-6}t_{-4} - 2v^{-5}zt_{-3}t_{-1} - v^{-5}zt_{-2}^2 + 3v^{-4}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4$
$HSM(3_7) = v^3zt_1^2 + v^2z^2t_2 + v^2t_2$

$HSM(\overline{3_7}) = v^{-4}z^2t_{-2} + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^2 - 2v^{-3}zt_{-1}^2$
$HSM(3_8) = v^3zt_{-1}t_1 - v^3z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{3_8}) = -v^{-3}zt_{-1}t_1 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z + v^{-3}z^{-1}$
$HSM(4_1) = vzt_{-1}t_3 + v^2t_2$
$HSM(\overline{4_1}) = -v^{-5}zt_{-3}t_1 + 2v^{-4}z^2t_{-2}t_{-1}t_1 + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^3t_1 - v^{-3}zt_{-1}^2$
$HSM(4_2) = v^{-6}t_{-5} - v^{-5}zt_{-4}t_{-1} - 2v^{-5}zt_{-3}t_{-2} + v^{-4}z^2t_{-3}t_{-1}^2 + 2v^{-4}z^2t_{-2}^2t_{-1} - v^{-3}z^3t_{-2}t_{-1}^3$
$HSM(\overline{4_2}) = -v^{-1}zt_1t_4 + v^{-2}t_5$
$HSM(4_3) = v^2z^2t_{-1}t_1^2 - v^4t_1 + 2v^2t_1$
$HSM(\overline{4_3}) = v^{-2}z^2t_{-1}^2t_1 + 2v^{-2}t_{-1} - v^{-4}t_{-1}$
$HSM(4_4) = -z^2t_{-1}t_1t_2 + v^{-1}zt_{-1}t_3 - vzt_1^2 + t_2$
$HSM(\overline{4_4}) = -v^{-3}zt_{-3}t_1 + v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-2}t_{-2}$
$HSM(4_5) = v^{-2}z^2t_1t_2^2 - 2v^{-3}zt_2t_3 + v^{-4}t_5$
$HSM(\overline{4_5}) = v^{-2}z^2t_1^2t_3 - 2v^{-3}zt_1t_4 + v^{-4}t_5$
$HSM(4_6) = v^3z^3t_{-1}t_1 + 2v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z + v^3z^{-1}$
$HSM(\overline{4_6}) = -v^{-3}z^3t_{-1}t_1 - 2v^{-3}zt_{-1}t_1 - v^{-3}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(4_7) = v^3zt_{-1}t_2 + v^2z^2t_1 + v^2t_1$
$HSM(\overline{4_7}) = -v^{-5}zt_{-2}t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-2}z^2t_{-1} + v^{-2}t_{-1}$
$HSM(4_8) = v^{-4}z^2t_{-3} + v^{-4}t_{-3} - v^{-3}z^3t_{-2}t_{-1} - 2v^{-3}zt_{-2}t_{-1}$
$HSM(\overline{4_8}) = -v^2z^2t_1^3 - vz^3t_1t_2 + z^2t_3 + t_3$
$HSM(4_9) = v^{-2}z^2t_{-2} + v^{-2}t_{-2} - v^{-3}zt_{-1}^2$
$HSM(\overline{4_9}) = v^3zt_1^2 - vz^3t_1^2 - vzt_1^2 + z^2t_2 + t_2$
$HSM(4_{10}) = v^3zt_{-1}t_1 + vzt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{4_{10}}) = -v^{-1}zt_{-1}t_1 - v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(4_{11}) = -z^2t_1^3 - vzt_1t_2 + v^{-1}zt_1t_2 + t_3$
$HSM(\overline{4_{11}}) = v^{-4}t_{-3} - v^{-1}zt_{-2}t_{-1} - v^{-3}zt_{-2}t_{-1}$
$HSM(4_{12}) = -z^2t_{-1}t_1t_2 + v^{-1}zt_{-1}t_3 + v^2t_2$
$HSM(\overline{4_{12}}) = -v^{-3}zt_{-3}t_1 + v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-4}t_{-2} - v^{-3}zt_{-1}^2$
$HSM(*4_{13}) = -z^2t_{-1}t_1^2 + v^2t_1 - t_1 + v^{-2}t_1$
$HSM(*4_{14}) = v^{-2}z^2t_1t_2^2 - v^{-3}zt_1t_4 - v^{-3}zt_2t_3 + v^{-4}t_5$
$HSM(4_{15}) = -v^{-1}zt_{-2}t_2 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(\overline{4_{15}}) = -v^{-2}z^2t_{-2}t_1^2 + v^{-3}zt_{-2}t_2 + v^{-1}z^3t_{-1}^2t_1^2 - v^{-2}z^2t_{-1}^2t_2 - vzt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(4_{16}) = vzt_1t_2 + v^2t_3$
$HSM(\overline{4_{16}}) = v^{-6}t_{-3} - v^{-3}zt_{-2}t_{-1} - 2v^{-5}zt_{-2}t_{-1} + v^{-2}z^2t_{-1}^3 + v^{-4}z^2t_{-1}^3$
$HSM(4_{17}) = v^{-1}z^3t_{-1}t_1^3 - 2v^{-2}z^2t_{-1}t_1t_2 + v^{-3}zt_{-1}t_3 - vzt_1^2 + t_2$
$HSM(\overline{4_{17}}) = -v^{-1}zt_{-1}t_3 + v^{-2}t_2$
$HSM(4_{18}) = -v^{-1}zt_2t_3 + v^{-2}t_5$
$HSM(\overline{4_{18}}) = v^{-6}t_{-5} - 2v^{-5}zt_{-4}t_{-1} - v^{-5}zt_{-3}t_{-2} + 2v^{-4}z^2t_{-3}t_{-1}^2 + v^{-4}z^2t_{-2}^2t_{-1} - v^{-3}z^3t_{-2}t_{-1}^3$
$HSM(4_{19}) = v^{-2}z^2t_{-2}t_1^2 - v^{-3}zt_{-2}t_2 - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(\overline{4_{19}}) = -z^2t_{-2}t_1^2 + v^{-1}zt_{-2}t_2 - v^3z^{-1} + vz^{-1}$
$HSM(4_{20}) = vzt_{-2}t_2 + v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{4_{20}}) = v^{-4}z^2t_{-2}t_1^2 - v^{-5}zt_{-2}t_2 - v^{-3}z^3t_{-1}^2t_1^2 + v^{-4}z^2t_{-1}^2t_2 - v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(*4_{21}) = v^{-2}z^2t_1^2t_3 - v^{-3}zt_1t_4 - v^{-3}zt_2t_3 + v^{-4}t_5$
$HSM(4_{22}) = v^3zt_1t_2 + v^2z^2t_3 + v^2t_3$
$HSM(\overline{4_{22}}) = v^{-6}z^2t_{-3} + v^{-6}t_{-3} - 2v^{-5}z^3t_{-2}t_{-1} - 3v^{-5}zt_{-2}t_{-1} + v^{-4}z^4t_{-1}^3 + 2v^{-4}z^2t_{-1}^3$
$HSM(4_{23}) = -v^{-3}zt_{-2}t_1 + v^{-2}z^2t_{-1} + v^{-2}t_{-1}$
$HSM(\overline{4_{23}}) = -v^2z^2t_{-1}t_1^2 + vzt_{-1}t_2 + v^2z^2t_1 + v^2t_1$
$HSM(4_{24}) = t_5$
$HSM(\overline{4_{24}}) = v^{-8}t_{-5} - 2v^{-7}zt_{-4}t_{-1} - 2v^{-7}zt_{-3}t_{-2} + 3v^{-6}z^2t_{-3}t_{-1}^2 + 3v^{-6}z^2t_{-2}^2t_{-1} - 4v^{-5}z^3t_{-2}t_{-1}^3 + v^{-4}z^4t_{-1}^5$
$HSM(4_{25}) = v^{-1}zt_{-1}t_1 - v^3z^{-1} + vz + vz^{-1} - v^{-1}z$

$HSM(\overline{4_{25}}) = -vzt_{-1}t_1 + vz - v^{-1}z - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(4_{26}) = -vzt_1^2 - z^2t_2 + v^{-2}t_2$
$HSM(\overline{4_{26}}) = -vzt_1^2 + v^{-1}z^3t_1^2 + v^{-1}zt_1^2 + t_2 - v^{-2}z^2t_2$
$HSM(*4_{27}) = z^2t_1^3 + v^{-1}z^3t_1t_2 - v^{-1}zt_1t_2 - v^{-2}z^2t_3 + v^{-2}t_3$
$HSM(5_1) = v^4z^2t_{-1}t_1^2 + v^3z^3t_{-1}t_2 + v^3zt_{-1}t_2 - v^6t_1 + v^4z^2t_1 + 2v^4t_1$
$HSM(\overline{5_1}) = -v^{-5}z^3t_{-2}t_1 - v^{-5}zt_{-2}t_1 + v^{-4}z^4t_{-1}^2t_1 + 2v^{-4}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1} + 2v^{-4}t_{-1} - v^{-6}t_{-1}$
$HSM(5_2) = -v^2z^2t_{-1}t_1t_2 + vzt_{-1}t_3 + v^2z^2t_2 + v^2t_2$
$HSM(\overline{5_2}) = -v^{-5}zt_{-3}t_1 + v^{-4}z^2t_{-2}t_{-1}t_1 + v^{-4}z^2t_{-2} + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2$
$HSM(5_3) = -v^{-2}z^2t_{-1}^2t_1 + t_{-1} + v^{-2}z^2t_{-1}$
$HSM(\overline{5_3}) = -v^2z^2t_{-1}t_1^2 + v^2z^2t_1 + t_1$
$HSM(5_4) = v^{-6}z^2t_{-4} + v^{-6}t_{-4} - v^{-5}z^3t_{-3}t_{-1} - 2v^{-5}zt_{-3}t_{-1} - v^{-5}z^3t_{-2}^2 - v^{-5}zt_{-2}^2 + v^{-4}z^4t_{-2}t_{-1}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2$
$HSM(\overline{5_4}) = -v^2z^2t_1^2t_2 - vz^3t_1t_3 + z^2t_4 + t_4$
$HSM(5_5) = vzt_{-1}t_4 + v^2t_3$
$HSM(\overline{5_5}) = -v^{-7}zt_{-4}t_1 + 2v^{-6}z^2t_{-3}t_{-1}t_1 + v^{-6}t_{-3} + v^{-6}z^2t_{-2}^2t_1 - 3v^{-5}z^3t_{-2}t_{-1}^2t_1 - 2v^{-5}zt_{-2}t_{-1} + v^{-4}z^4t_{-1}^4t_1 + v^{-4}z^2t_{-1}^3$
$HSM(5_6) = -v^{-7}zt_{-5}t_{-1} - 2v^{-7}zt_{-4}t_{-2} + v^{-6}z^2t_{-4}t_{-1}^2 - v^{-7}zt_{-3}^2 + 4v^{-6}z^2t_{-3}t_{-2}t_{-1} - v^{-5}z^3t_{-3}t_{-1}^3 + v^{-6}z^2t_{-2}^3 - 3v^{-5}z^3t_{-2}^2t_{-1}^2 + v^{-4}z^4t_{-2}t_{-1}^4 + v^{-8}t_5$
$HSM(\overline{5_6}) = v^{-2}t_{-5} - v^{-1}zt_1t_5$
$HSM(5_7) = v^2z^2t_{-1}^2t_2 + 2v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{5_7}) = v^{-4}z^2t_{-2}t_1^2 - v^{-3}z^3t_{-1}^2t_1^2 - 2v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(5_8) = -z^2t_{-1}t_1t_3 + v^{-1}zt_{-1}t_4 - vzt_1t_2 + t_3$
$HSM(\overline{5_8}) = -v^{-5}zt_{-4}t_1 + v^{-4}z^2t_{-3}t_{-1}t_1 + v^{-4}t_{-3} + v^{-4}z^2t_{-2}^2t_1 - v^{-3}z^3t_{-2}t_{-1}^2t_1 - v^{-3}zt_{-2}t_{-1}$
$HSM(5_9) = -2v^{-5}zt_{-4}t_{-2} - v^{-5}zt_{-3}^2 + 2v^{-4}z^2t_{-3}t_{-2}t_{-1} + v^{-4}z^2t_{-2}^3 - v^{-3}z^3t_{-2}^2t_{-1}^2 + v^{-6}t_5$
$HSM(\overline{5_9}) = v^{-4}t_{-5} + v^{-2}z^2t_1^2t_4 - 2v^{-3}zt_1t_5$
$HSM(5_{10}) = v^2z^2t_{-1}t_1^2 + v^3zt_{-1}t_2 + v^2t_1$
$HSM(\overline{5_{10}}) = -v^{-5}zt_{-2}t_1 + v^{-2}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-2}t_{-1}$
$HSM(5_{11}) = -vz^3t_{-1}t_1^3 + z^2t_{-1}t_1t_2 + v^3zt_1^2 - vzt_1^2 + t_2$
$HSM(\overline{5_{11}}) = v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-2}t_{-2} - v^{-3}zt_{-1}^2$
$HSM(5_{12}) = -z^2t_{-1}t_2^2 + v^{-1}zt_{-1}t_4 - vzt_1t_2 + t_3$
$HSM(\overline{5_{12}}) = -v^{-5}zt_{-4}t_1 + 2v^{-4}z^2t_{-3}t_{-1}t_1 + v^{-4}t_{-3} - v^{-3}z^3t_{-2}t_{-1}^2t_1 - v^{-3}zt_{-2}t_{-1}$
$HSM(5_{13}) = -z^2t_{-1}^2t_2 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(\overline{5_{13}}) = -v^{-2}z^2t_{-2}t_1^2 + v^{-1}z^3t_{-1}^2t_1^2 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(5_{14}) = v^{-1}z^3t_{-1}t_1^2t_2 - v^{-2}z^2t_{-1}t_1t_3 - v^{-2}z^2t_{-1}t_2^2 + v^{-3}zt_{-1}t_4 - vzt_1t_2 + t_3$
$HSM(\overline{5_{14}}) = -v^{-3}zt_{-4}t_1 + v^{-2}z^2t_{-3}t_{-1}t_1 + v^{-4}t_{-3} - v^{-3}zt_{-2}t_{-1}$
$HSM(5_{15}) = -v^{-5}zt_{-5}t_{-1} - v^{-5}zt_{-4}t_{-2} - v^{-5}zt_{-3}^2 + 3v^{-4}z^2t_{-3}t_{-2}t_{-1} - v^{-3}z^3t_{-2}^2t_{-1}^2 + v^{-6}t_5$
$HSM(\overline{5_{15}}) = v^{-4}t_{-5} + v^{-2}z^2t_1t_2t_3 - v^{-3}zt_1t_5 - v^{-3}zt_2t_4$
$HSM(5_{16}) = -v^{-3}zt_{-3}t_2 + v^{-2}z^2t_{-2}t_{-1}t_2 + v^{-2}t_{-1}$
$HSM(\overline{5_{16}}) = -v^{-2}z^2t_{-2}t_1t_2 + v^{-3}zt_{-2}t_3 + v^{-1}z^3t_{-1}^2t_1t_2 - v^{-2}z^2t_{-1}^2t_3 + v^2t_1$
$HSM(5_{17}) = v^{-6}t_{-4} - v^{-3}zt_{-3}t_{-1} - v^{-5}zt_{-3}t_{-1} - v^{-5}zt_{-2}^2 + v^{-2}z^2t_{-2}t_{-1}^2 + v^{-4}z^2t_{-2}t_{-1}^2$
$HSM(\overline{5_{17}}) = -z^2t_1^2t_2 - vzt_1t_3 + v^{-1}zt_1t_3 + t_4$
$HSM(5_{18}) = v^2z^2t_{-1}t_1t_2 + v^3zt_1^2 + v^2t_2$
$HSM(\overline{5_{18}}) = v^{-4}z^2t_{-2}t_{-1}t_1 + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^3t_1 - 2v^{-3}zt_{-1}^2$
$HSM(5_{19}) = v^{-1}z^3t_{-1}t_1^2t_2 - v^{-2}z^2t_{-1}t_1t_3 - v^{-2}z^2t_{-1}t_2^2 + v^{-3}zt_{-1}t_4 + z^2t_1^3 - 2v^{-1}zt_1t_2 + v^{-2}t_3$
$HSM(\overline{5_{19}}) = -v^{-3}zt_{-4}t_1 + v^{-2}z^2t_{-3}t_{-1}t_1 + v^{-2}t_{-3}$
$HSM(5_{20}) = v^{-4}t_{-5} + v^{-2}z^2t_1t_2t_3 - v^{-3}zt_2t_4 - v^{-3}zt_3^2$
$HSM(\overline{5_{20}}) = -2v^{-5}zt_{-5}t_{-1} - v^{-5}zt_{-4}t_{-2} + 2v^{-4}z^2t_{-4}t_{-1}^2 + v^{-4}z^2t_{-3}t_{-2}t_{-1} - v^{-3}z^3t_{-3}t_{-1}^3 + v^{-6}t_5$
$HSM(5_{21}) = v^{-4}z^2t_{-3}t_1^2 - v^{-5}zt_{-3}t_2 - v^{-3}z^3t_{-2}t_{-1}t_1^2 + v^{-4}z^2t_{-2}t_{-1}t_2 - v^{-3}zt_{-2}t_1 + v^{-4}t_{-1}$
$HSM(\overline{5_{21}}) = -z^2t_{-2}t_1t_2 + v^{-1}zt_{-2}t_3 - v^2z^2t_{-1}t_1^2 + vzt_{-1}t_2 + v^4t_1$
$HSM(5_{22}) = -v^{-1}zt_{-1}t_3 + v^{-1}zt_1^2 + t_2$

$HSM(\overline{5_{22}}) = v^{-3}zt_{-3}t_1 - 2v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-2}t_{-2} + v^{-1}z^3t_{-1}^3t_1 - vzt_{-1}^2 - v^{-1}zt_{-1}^2$
$HSM(5_{23}) = v^{-3}zt_{-2}t_1 - v^{-2}z^2t_{-1}^2t_1 + 2t_{-1} - v^{-2}t_{-1}$
$HSM(\overline{5_{23}}) = -vzt_{-1}t_2 - v^2t_1 + 2t_1$
$HSM(5_{24}) = vzt_1t_3 - vzt_2^2 + t_4$
$HSM(\overline{5_{24}}) = v^{-6}t_{-4} - 3v^{-5}zt_{-3}t_{-1} + 3v^{-4}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4$
$HSM(5_{25}) = v^3zt_{-1}t_3 + v^3z^3t_1^2 + v^3zt_1^2 + v^4z^2t_2 + v^4t_2$
$HSM(\overline{5_{25}}) = -v^{-7}zt_{-3}t_1 + 2v^{-6}z^2t_{-2}t_{-1}t_1 + v^{-6}z^2t_{-2} + v^{-6}t_{-2} - v^{-5}z^3t_{-1}^3t_1 - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - v^{-5}zt_{-1}^2$
$HSM(5_{26}) = -v^2z^4t_{-1}t_1^2 - v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + vzt_{-1}t_2 + v^4z^2t_1 + v^2t_1$
$HSM(\overline{5_{26}}) = -v^{-3}z^3t_{-2}t_1 - v^{-3}zt_{-2}t_1 + v^{-2}t_{-1} + v^{-4}z^2t_{-1}$
$HSM(5_{27}) = -v^2z^4t_{-1}t_1^2 - v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + vzt_{-1}t_2 + v^4z^2t_1 + v^2t_1$
$HSM(\overline{5_{27}}) = -v^{-3}z^3t_{-2}t_1 - v^{-3}zt_{-2}t_1 + v^{-2}t_{-1} + v^{-4}z^2t_{-1}$
$HSM(5_{28}) = v^{-4}z^2t_{-4} + v^{-4}t_{-4} - v^{-3}zt_{-3}t_{-1} - v^{-3}z^3t_{-2}^2 - v^{-3}zt_{-2}^2$
$HSM(\overline{5_{28}}) = vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 - 2v^{-1}z^3t_1t_3 - v^{-1}zt_1t_3 + v^{-2}z^2t_4 + v^{-2}t_4$
$HSM(5_{29}) = -vz^3t_{-1}t_1 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 + v^3z - vz - vz^{-1} + v^{-1}z^{-1}$
$HSM(\overline{5_{29}}) = -vzt_{-1}t_1 + v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z + v^{-1}z^{-1} - v^{-3}z$
$HSM(5_{30}) = -vzt_{-1}t_2 - z^2t_1 + v^{-2}t_1$
$HSM(\overline{5_{30}}) = v^{-3}zt_{-2}t_1 - v^{-2}z^2t_{-1}^2t_1 + v^2t_{-1} - z^2t_{-1}$
$HSM(5_{31}) = z^4t_{-1}t_1^2 + z^2t_{-1}t_1^2 - v^{-1}z^3t_{-1}t_2 - v^2z^2t_1 + t_1$
$HSM(\overline{5_{31}}) = v^{-1}z^3t_{-2}t_1 + z^2t_{-1}^2t_1 + t_{-1} - v^{-2}z^2t_{-1}$
$HSM(5_{32}) = -vzt_1t_2 + v^{-1}z^3t_1t_2 + v^{-1}zt_1t_2 + t_3 - v^{-2}z^2t_3$
$HSM(\overline{5_{32}}) = -v^{-2}z^2t_{-3} + v^{-4}t_{-3} + v^{-1}z^3t_{-2}t_{-1} - v^{-1}zt_{-2}t_{-1} - v^{-3}zt_{-2}t_{-1} + z^2t_{-1}^3$
$HSM(5_{33}) = v^{-1}zt_1^2 + v^2t_2 - z^2t_2$
$HSM(\overline{5_{33}}) = -v^{-2}z^2t_{-2} + v^{-4}t_{-2} - vzt_{-1}^2 + v^{-1}z^3t_{-1}^2 - v^{-3}zt_{-1}^2$
$HSM(5_{34}) = z^2t_1^2t_2 - v^{-1}zt_1t_3 + v^{-1}z^3t_2^2 - v^{-2}z^2t_4 + v^{-2}t_4$
$HSM(\overline{5_{34}}) = -v^{-4}z^2t_{-4} + v^{-4}t_{-4} + 2v^{-3}z^3t_{-3}t_{-1} - v^{-3}zt_{-3}t_{-1} - v^{-3}zt_{-2}^2 - v^{-2}z^4t_{-2}t_{-1}^2 + 2v^{-2}z^2t_{-2}t_{-1}^2 - v^{-1}z^3t_{-1}^4$
$HSM(5_{35}) = v^3zt_{-2}t_2 + v^3z^3t_{-1}t_1 + v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z + v^3z^{-1}$
$HSM(\overline{5_{35}}) = v^{-6}z^2t_{-2}t_1^2 - v^{-7}zt_{-2}t_2 - v^{-5}z^3t_{-1}^2t_1^2 + v^{-6}z^2t_{-1}^2t_2 - v^{-3}z^3t_{-1}t_1 - v^{-3}zt_{-1}t_1 - v^{-3}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(5_{36}) = v^3zt_1t_2 - vz^3t_1t_2 - vzt_1t_2 + z^2t_3 + t_3$
$HSM(\overline{5_{36}}) = v^{-4}z^2t_{-3} + v^{-4}t_{-3} - v^{-3}z^3t_{-2}t_{-1} - v^{-3}zt_{-2}t_{-1} - v^{-5}zt_{-2}t_{-1} + v^{-4}z^2t_{-1}^3$
$HSM(5_{37}) = v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - v^{-3}zt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$
$HSM(\overline{5_{37}}) = v^3zt_{-1}t_1 - vz^3t_{-1}t_1 - vzt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$
$HSM(5_{38}) = -v^2z^2t_{-2}t_1^2 + vzt_{-2}t_2 - v^3z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{5_{38}}) = v^{-4}z^2t_{-2}t_1^2 - v^{-5}zt_{-2}t_2 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z + v^{-3}z^{-1}$
$HSM(5_{39}) = v^{-2}z^2t_{-3} + v^{-2}t_{-3} - v^{-3}zt_{-2}t_{-1}$
$HSM(\overline{5_{39}}) = -v^2z^2t_1^3 + z^4t_1^3 + z^2t_1^3 + vzt_1t_2 - 2v^{-1}z^3t_1t_2 - 2v^{-1}zt_1t_2 + v^{-2}z^2t_3 + v^{-2}t_3$
$HSM(5_{40}) = v^3z^3t_{-1}t_2 + 2v^3zt_{-1}t_2 + v^4z^2t_1 + v^4t_1$
$HSM(\overline{5_{40}}) = -v^{-5}z^3t_{-2}t_1 - 2v^{-5}zt_{-2}t_1 + v^{-4}z^4t_{-1}^2t_1 + 2v^{-4}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1} + v^{-4}t_{-1}$
$HSM(5_{41}) = v^{-6}z^2t_{-4} + v^{-6}t_{-4} - v^{-5}z^3t_{-3}t_{-1} - v^{-5}zt_{-3}t_{-1} - v^{-5}z^3t_{-2}^2 - 2v^{-5}zt_{-2}^2 + v^{-4}z^4t_{-2}t_{-1}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2$
$HSM(\overline{5_{41}}) = -v^2z^2t_1^2t_2 - vz^3t_1t_3 - vzt_1t_3 + vzt_2^2 + z^2t_4 + t_4$
$HSM(5_{42}) = v^3zt_{-1}t_2 + vzt_{-1}t_2 + v^4t_1$
$HSM(\overline{5_{42}}) = -v^{-3}zt_{-2}t_1 - v^{-5}zt_{-2}t_1 + v^{-2}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-4}t_{-1}$
$HSM(5_{43}) = v^{-1}z^3t_1^4 + z^2t_1^2t_2 - 2v^{-2}z^2t_1^2t_2 - v^{-1}zt_1t_3 + v^{-3}zt_1t_3 - v^{-1}zt_2^2 + v^{-2}t_4$
$HSM(\overline{5_{43}}) = v^{-4}t_{-4} - v^{-1}zt_{-3}t_{-1} - v^{-3}zt_{-3}t_{-1}$
$HSM(5_{44}) = -z^2t_{-1}t_1t_3 + v^{-1}zt_{-1}t_4 + v^2t_3$
$HSM(\overline{5_{44}}) = -v^{-5}zt_{-4}t_1 + v^{-4}z^2t_{-3}t_{-1}t_1 + v^{-6}t_{-3} + v^{-4}z^2t_{-2}^2t_1 - v^{-3}z^3t_{-2}t_{-1}^2t_1 - 2v^{-5}zt_{-2}t_{-1} + v^{-4}z^2t_{-1}^3$

$HSM(5_{45}) = -v^{-2}z^2t_{-2}t_{-1}t_1 + t_{-2} + v^{-1}z^3t_{-1}^3t_1 - vzt_{-1}^2 + v^{-1}zt_{-1}^2$
$HSM(\overline{5_{45}}) = -z^2t_{-1}t_1t_2 - vzt_1^2 + v^{-2}t_2$
$HSM(5_{46}) = -z^2t_{-2}t_1t_2 + v^{-1}zt_{-2}t_3 + v^2t_1$
$HSM(\overline{5_{46}}) = v^{-4}z^2t_{-3}t_1^2 - v^{-5}zt_{-3}t_2 - v^{-3}z^3t_{-2}t_{-1}t_1^2 + v^{-4}z^2t_{-2}t_{-1}t_2 + v^{-2}t_{-1}$
$HSM(5_{47}) = -v^{-5}zt_{-5}t_{-1} - 2v^{-5}zt_{-4}t_{-2} + v^{-4}z^2t_{-4}t_{-1}^2 + v^{-4}z^2t_{-3}t_{-2}t_{-1} + v^{-4}z^2t_{-2}^3 - v^{-3}z^3t_{-2}^2t_{-1}^2 + v^{-6}t_5$
$HSM(\overline{5_{47}}) = v^{-4}t_{-5} + v^{-2}z^2t_1t_2t_3 - v^{-3}zt_1t_5 - v^{-3}zt_3^2$
$HSM(5_{48}) = -v^{-1}zt_{-2}t_3 + v^{-1}zt_{-1}t_2 + t_1$
$HSM(\overline{5_{48}}) = -v^{-4}z^2t_{-3}t_1^2 + v^{-5}zt_{-3}t_2 + 2v^{-3}z^3t_{-2}t_{-1}t_1^2 - 2v^{-4}z^2t_{-2}t_{-1}t_2 - v^{-1}zt_{-2}t_1 - v^{-2}z^4t_{-1}^3t_1^2 + v^{-3}z^3t_{-1}^3t_2 + z^2t_{-1}^2t_1 + t_{-1}$
$HSM(5_{49}) = v^{-6}t_{-4} - v^{-5}zt_{-3}t_{-1} - v^{-3}zt_{-2}^2 - v^{-5}zt_{-2}^2 + v^{-2}z^2t_{-2}t_{-1}^2 + v^{-4}z^2t_{-2}t_{-1}^2$
$HSM(\overline{5_{49}}) = -z^2t_1^2t_2 - vzt_1t_3 + v^{-1}zt_2^2 + t_4$
$HSM(5_{50}) = v^3z^3t_1^2 + 2v^3zt_1^2 + v^4z^2t_2 + v^4t_2$
$HSM(\overline{5_{50}}) = v^{-6}z^2t_{-2} + v^{-6}t_{-2} - v^{-3}z^3t_{-1}^2 - 2v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - v^{-5}zt_{-1}^2$
$HSM(5_{51}) = v^4z^2t_{-1}t_1^2 - v^6t_1 + v^4t_1 + v^2z^2t_1 + v^2t_1$
$HSM(\overline{5_{51}}) = v^{-4}z^2t_{-1}^2t_1 + v^{-2}z^2t_{-1} + v^{-2}t_{-1} + v^{-4}t_{-1} - v^{-6}t_{-1}$
$HSM(5_{52}) = v^{-3}z^3t_{-2}t_1 + v^{-3}zt_{-2}t_1 - v^{-2}z^4t_{-1}^2t_1 - 2v^{-2}z^2t_{-1}^2t_1 + z^2t_{-1} + 2t_{-1} - v^{-2}t_{-1}$
$HSM(\overline{5_{52}}) = -v^2z^2t_{-1}t_1^2 - vz^3t_{-1}t_2 - vzt_{-1}t_2 - v^2t_1 + z^2t_1 + 2t_1$
$HSM(5_{53}) = -v^2z^2t_1^2t_2 + vzt_1t_3 - vz^3t_2^2 - vzt_2^2 + z^2t_4 + t_4$
$HSM(\overline{5_{53}}) = v^{-6}z^2t_{-4} + v^{-6}t_{-4} - 2v^{-5}z^3t_{-3}t_{-1} - 3v^{-5}zt_{-3}t_{-1} + v^{-4}z^4t_{-2}t_{-1}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2$
$HSM(5_{54}) = -v^{-3}z^3t_{-2}t_1 - 2v^{-3}zt_{-2}t_1 + v^{-4}z^2t_{-1} + v^{-4}t_{-1}$
$HSM(\overline{5_{54}}) = -v^2z^4t_{-1}t_1^2 - 2v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + 2vzt_{-1}t_2 + v^4z^2t_1 + v^4t_1$
$HSM(5_{55}) = -v^{-5}zt_{-3}t_1 + v^{-4}z^2t_{-2}t_{-1}t_1 + v^{-2}z^2t_{-2} + v^{-2}t_{-2}$
$HSM(\overline{5_{55}}) = -v^2z^2t_{-1}t_1t_2 + vzt_{-1}t_3 - vz^3t_1^2 - vzt_1^2 + z^2t_2 + t_2$
$HSM(5_{56}) = v^{-4}z^2t_{-4} + v^{-4}t_{-4} - v^{-3}z^3t_{-2}^2 - 2v^{-3}zt_{-2}^2$
$HSM(\overline{5_{56}}) = vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 - 2v^{-1}z^3t_1t_3 - 2v^{-1}zt_1t_3 + v^{-1}zt_2^2 + v^{-2}z^2t_4 + v^{-2}t_4$
$HSM(5_{57}) = v^3zt_1^2 + vzt_1^2 + v^4t_2$
$HSM(\overline{5_{57}}) = v^{-6}t_{-2} - v^{-1}zt_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}zt_{-1}^2$
$HSM(5_{58}) = -v^2z^2t_{-1}t_1^2 - z^2t_{-1}t_1^2 + vzt_{-1}t_2 + v^{-1}zt_{-1}t_2 + v^4t_1$
$HSM(\overline{5_{58}}) = -v^{-1}zt_{-2}t_1 - v^{-3}zt_{-2}t_1 + v^{-4}t_{-1}$
$HSM(5_{59}) = -z^2t_1^2t_2 + v^{-1}zt_1t_3 - vzt_2^2 + t_4$
$HSM(\overline{5_{59}}) = v^{-6}t_{-4} - v^{-3}zt_{-3}t_{-1} - 2v^{-5}zt_{-3}t_{-1} + v^{-2}z^2t_{-2}t_{-1}^2 + v^{-4}z^2t_{-2}t_{-1}^2$
$HSM(5_{60}) = -z^2t_{-1}t_1^2 - vzt_{-1}t_2 + v^{-2}t_1$
$HSM(\overline{5_{60}}) = v^{-3}zt_{-2}t_1 - z^2t_{-1}^2t_1 - v^{-2}z^2t_{-1}^2t_1 + v^2t_{-1}$
$HSM(5_{61}) = -vz^3t_{-1}^2t_1^2 + z^2t_{-1}^2t_2 + 2v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{5_{61}}) = v^{-2}z^2t_{-2}t_1^2 - 2v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(5_{62}) = v^{-1}z^3t_{-1}t_1^2t_2 - 2v^{-2}z^2t_{-1}t_1t_3 + v^{-3}zt_{-1}t_4 - vzt_1t_2 + t_3$
$HSM(\overline{5_{62}}) = -v^{-3}zt_{-4}t_1 + v^{-4}t_{-3} + v^{-2}z^2t_{-2}^2t_1 - v^{-3}zt_{-2}t_{-1}$
$HSM(5_{63}) = -z^2t_{-1}t_1t_2 + v^{-1}zt_1^2 + v^2t_2$
$HSM(\overline{5_{63}}) = -v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-4}t_{-2} + v^{-1}z^3t_{-1}^3t_1 - vzt_{-1}^2 - v^{-3}zt_{-1}^2$
$HSM(5_{64}) = -v^{-2}z^2t_{-2}t_1t_2 + v^{-3}zt_{-2}t_3 + v^{-1}z^3t_{-1}^2t_1t_2 - v^{-2}z^2t_{-1}^2t_3 - vzt_{-1}t_2 + t_1$
$HSM(\overline{5_{64}}) = -v^{-3}zt_{-3}t_2 + v^{-2}z^2t_{-2}t_{-1}t_2 + v^{-3}zt_{-2}t_1 - v^{-2}z^2t_{-1}^2t_1 + t_{-1}$
$HSM(5_{65}) = v^{-4}t_{-5} + v^{-2}z^2t_2^3 - 2v^{-3}zt_2t_4$
$HSM(\overline{5_{65}}) = -2v^{-5}zt_{-5}t_{-1} + v^{-4}z^2t_{-4}t_{-1}^2 - v^{-5}zt_{-3}^2 + 2v^{-4}z^2t_{-3}t_{-2}t_{-1} - v^{-3}z^3t_{-2}^2t_{-1}^2 + v^{-6}t_5$
$HSM(5_{66}) = v^{-4}t_{-4} - v^{-1}zt_{-2}^2 - v^{-3}zt_{-2}^2$
$HSM(\overline{5_{66}}) = v^{-1}z^3t_1^4 + z^2t_1^2t_2 - 2v^{-2}z^2t_1^2t_2 - 2v^{-1}zt_1t_3 + v^{-3}zt_2^2 + v^{-2}t_4$
$HSM(5_{67}) = vzt_1t_3 + v^2t_4$
$HSM(\overline{5_{67}}) = v^{-8}t_{-4} - v^{-5}zt_{-3}t_{-1} - 2v^{-7}zt_{-3}t_{-1} - v^{-7}zt_{-2}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2 + 3v^{-6}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4 - v^{-5}z^3t_{-1}^4$
$HSM(5_{68}) = v^{-5}zt_{-4}t_1 - 2v^{-4}z^2t_{-3}t_{-1}t_1 + v^{-2}t_{-3} - v^{-4}z^2t_{-2}^2t_1 + 3v^{-3}z^3t_{-2}t_{-1}^2t_1 - 2v^{-1}zt_{-2}t_{-1} -$

$v^{-2}z^4t_{-1}^4t_1 + z^2t_{-1}^3$
$HSM(\overline{5_{68}}) = -v^{-1}zt_{-1}t_4 + v^{-2}t_3$
$HSM(5_{69}) = v^{-2}t_{-5} - v^{-1}zt_2t_4$
$HSM(\overline{5_{69}}) = -2v^{-7}zt_{-5}t_{-1} - v^{-7}zt_{-4}t_{-2} + 2v^{-6}z^2t_{-4}t_{-1}^2 - v^{-7}zt_{-3}^2 + 4v^{-6}z^2t_{-3}t_{-2}t_{-1} - 2v^{-5}z^3t_{-3}t_{-1}^3 - 2v^{-5}z^3t_{-2}^2t_{-1}^2 + v^{-4}z^4t_{-2}t_{-1}^4 + v^{-8}t_5$
$HSM(5_{70}) = -v^{-5}zt_{-3}t_2 + 2v^{-4}z^2t_{-2}t_{-1}t_2 - v^{-3}z^3t_{-1}^3t_2 + v^{-2}t_{-1}$
$HSM(\overline{5_{70}}) = v^{-1}zt_{-2}t_3 - z^2t_{-1}^2t_3 + v^2t_1$
$HSM(5_{71}) = -v^{-3}zt_{-2}t_2 + v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$
$HSM(\overline{5_{71}}) = -z^2t_{-2}t_1^2 + v^{-1}zt_{-2}t_2 + vz^3t_{-1}^2t_1^2 - z^2t_{-1}^2t_2 - vz^3t_{-1}t_1 - vzt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$
$HSM(5_{72}) = vzt_{-2}t_3 + v^3zt_{-1}t_2 + v^4t_1$
$HSM(\overline{5_{72}}) = v^{-6}z^2t_{-3}t_1^2 - v^{-7}zt_{-3}t_2 - 2v^{-5}z^3t_{-2}t_{-1}t_1^2 + 2v^{-6}z^2t_{-2}t_{-1}t_2 - v^{-5}zt_{-2}t_1 + v^{-4}z^4t_{-1}^3t_1^2 - v^{-5}z^3t_{-1}^3t_2 + v^{-4}z^2t_{-1}^2t_1 + v^{-4}t_{-1}$
$HSM(5_{73}) = -v^{-5}zt_{-5}t_{-1} - v^{-5}zt_{-4}t_{-2} + v^{-4}z^2t_{-4}t_{-1}^2 - v^{-5}zt_{-3}^2 + 2v^{-4}z^2t_{-3}t_{-2}t_{-1} - v^{-3}z^3t_{-3}t_{-1}^3 + v^{-6}t_5$
$HSM(\overline{5_{73}}) = v^{-4}t_{-5} + v^{-2}z^2t_1^2t_4 - v^{-3}zt_1t_5 - v^{-3}zt_2t_4$
$HSM(5_{74}) = v^3zt_1t_3 + v^2z^2t_4 + v^2t_4$
$HSM(\overline{5_{74}}) = v^{-8}z^2t_{-4} + v^{-8}t_{-4} - 2v^{-7}z^3t_{-3}t_{-1} - 3v^{-7}zt_{-3}t_{-1} - v^{-7}z^3t_{-2}^2 - v^{-7}zt_{-2}^2 + 3v^{-6}z^4t_{-2}t_{-1}^2 + 5v^{-6}z^2t_{-2}t_{-1}^2 - v^{-5}z^5t_{-1}^4 - 2v^{-5}z^3t_{-1}^4$
$HSM(5_{75}) = -v^{-3}zt_{-3}t_1 + v^{-2}z^2t_{-2} + v^{-2}t_{-2}$
$HSM(\overline{5_{75}}) = vz^3t_{-1}t_1^3 - 2z^2t_{-1}t_1t_2 + v^{-1}zt_{-1}t_3 - vz^3t_1^2 - vzt_1^2 + z^2t_2 + t_2$
$HSM(5_{76}) = -vzt_1t_2 - z^2t_3 + v^{-2}t_3$
$HSM(\overline{5_{76}}) = v^{-2}t_{-3} - v^{-4}z^2t_{-3} - 2v^{-1}zt_{-2}t_{-1} + 2v^{-3}z^3t_{-2}t_{-1} + v^{-3}zt_{-2}t_{-1} + z^2t_{-1}^3 - v^{-2}z^4t_{-1}^3 - v^{-2}z^2t_{-1}^3$
$HSM(5_{77}) = z^2t_1^2t_2 + v^{-1}z^3t_1t_3 - v^{-1}zt_2^2 - v^{-2}z^2t_4 + v^{-2}t_4$
$HSM(\overline{5_{77}}) = -v^{-4}z^2t_{-4} + v^{-4}t_{-4} + v^{-3}z^3t_{-3}t_{-1} - 2v^{-3}zt_{-3}t_{-1} + v^{-3}z^3t_{-2}^2 - v^{-2}z^4t_{-2}t_{-1}^2 + 2v^{-2}z^2t_{-2}t_{-1}^2 - v^{-1}z^3t_{-1}^4$
$HSM(5_{78}) = v^{-1}zt_{-1}t_2 + v^2t_1 - z^2t_1$
$HSM(\overline{5_{78}}) = -v^{-1}zt_{-2}t_1 + z^2t_{-1}^2t_1 - z^2t_{-1} + v^{-2}t_{-1}$
$HSM(5_{79}) = v^3zt_{-1}t_3 + v^2z^2t_2 + v^2t_2$
$HSM(\overline{5_{79}}) = -v^{-7}zt_{-3}t_1 + 2v^{-6}z^2t_{-2}t_{-1}t_1 + v^{-4}z^2t_{-2} + v^{-4}t_{-2} - v^{-5}z^3t_{-1}^3t_1 - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2$
$HSM(5_{80}) = v^{-4}z^2t_{-4} + v^{-4}t_{-4} - v^{-3}z^3t_{-3}t_{-1} - 2v^{-3}zt_{-3}t_{-1}$
$HSM(\overline{5_{80}}) = vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 - v^{-1}z^3t_1t_3 - v^{-1}z^3t_2^2 - v^{-1}zt_2^2 + v^{-2}z^2t_4 + v^{-2}t_4$
$HSM(5_{81}) = v^3zt_2^2 + v^2z^2t_4 + v^2t_4$
$HSM(\overline{5_{81}}) = v^{-8}z^2t_{-4} + v^{-8}t_{-4} - 2v^{-7}z^3t_{-3}t_{-1} - 2v^{-7}zt_{-3}t_{-1} - v^{-7}z^3t_{-2}^2 - 2v^{-7}zt_{-2}^2 + 3v^{-6}z^4t_{-2}t_{-1}^2 + 5v^{-6}z^2t_{-2}t_{-1}^2 - v^{-5}z^5t_{-1}^4 - 2v^{-5}z^3t_{-1}^4$
$HSM(5_{82}) = vzt_2^2 + v^2t_4$
$HSM(\overline{5_{82}}) = v^{-8}t_{-4} - 2v^{-7}zt_{-3}t_{-1} - v^{-5}zt_{-2}^2 - v^{-7}zt_{-2}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2 + 3v^{-6}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4 - v^{-5}z^3t_{-1}^4$
$HSM(5_{83}) = v^{-1}z^3t_{-2}t_1^3 - 2v^{-2}z^2t_{-2}t_1t_2 + v^{-3}zt_{-2}t_3 + v^2t_1$
$HSM(\overline{5_{83}}) = v^{-2}z^2t_{-3}t_1^2 - v^{-3}zt_{-3}t_2 + v^{-2}t_{-1}$
$HSM(5_{84}) = v^{-2}t_{-5} - v^{-1}zt_3^2$
$HSM(\overline{5_{84}}) = -2v^{-7}zt_{-5}t_{-1} - 2v^{-7}zt_{-4}t_{-2} + 3v^{-6}z^2t_{-4}t_{-1}^2 + 2v^{-6}z^2t_{-3}t_{-2}t_{-1} - 2v^{-5}z^3t_{-3}t_{-1}^3 + v^{-6}z^2t_{-2}^3 - 2v^{-5}z^3t_{-2}^2t_{-1}^2 + v^{-4}z^4t_{-2}t_{-1}^4 + v^{-8}t_5$
$HSM(\overline{5_{85}}) = -2v^{-9}zt_{-5}t_{-1} - 2v^{-9}zt_{-4}t_{-2} + 3v^{-8}z^2t_{-4}t_{-1}^2 - v^{-9}zt_{-3}^2 + 6v^{-8}z^2t_{-3}t_{-2}t_{-1} - 4v^{-7}z^3t_{-3}t_{-1}^3 + v^{-8}z^2t_{-2}^3 - 6v^{-7}z^3t_{-2}^2t_{-1}^2 + 5v^{-6}z^4t_{-2}t_{-1}^4 - v^{-5}z^5t_{-1}^6 + v^{-10}t_5$
$HSM(5_{86}) = v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz - 2vz^{-1} + 2v^{-1}z + 3v^{-1}z^{-1} - v^{-3}z - v^{-3}z^{-1}$
$HSM(\overline{5_{86}}) = -vz^3t_{-1}t_1 - vzt_{-1}t_1 + v^3z + v^3z^{-1} - 2vz - 3vz^{-1} + v^{-1}z + 2v^{-1}z^{-1}$
$HSM(5_{87}) = v^5zt_1^2 + v^3zt_1^2 + v^4z^2t_2 + v^4t_2 + v^2z^2t_2$
$HSM(\overline{5_{87}}) = v^{-4}z^2t_{-2} + v^{-6}z^2t_{-2} + v^{-6}t_{-2} - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - 2v^{-5}zt_{-1}^2$
$HSM(5_{88}) = v^5zt_1^2 + v^4z^2t_2 + v^2z^2t_2 + v^2t_2$

$HSM(\overline{5_{88}}) = v^{-4}z^2t_{-2} + v^{-4}t_{-2} + v^{-6}z^2t_{-2} - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - v^{-5}zt_{-1}^2$
$HSM(5_{89}) = v^3z^3t_{-1}t_1 + v^3zt_{-1}t_1 + v^7z^{-1} - 2v^5z - 3v^5z^{-1} + 2v^3z + 2v^3z^{-1}$
$HSM(\overline{5_{89}}) = -v^{-3}z^3t_{-1}t_1 - v^{-3}zt_{-1}t_1 - 2v^{-3}z - 2v^{-3}z^{-1} + 2v^{-5}z + 3v^{-5}z^{-1} - v^{-7}z^{-1}$
$HSM(5_{90}) = v^5zt_{-1}t_1 + v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z^{-1} + vz$
$HSM(\overline{5_{90}}) = -v^{-3}zt_{-1}t_1 - v^{-5}zt_{-1}t_1 - v^{-1}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(5_{91}) = v^5zt_{-1}t_1 - v^5z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{5_{91}}) = -v^{-5}zt_{-1}t_1 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z^{-1} + v^{-5}z$
$HSM(5_{92}) = v^3zt_{-1}t_2 - v^6t_1 + v^4z^2t_1 + 2v^4t_1 + v^2z^2t_1$
$HSM(\overline{5_{92}}) = -v^{-5}zt_{-2}t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-2}z^2t_{-1} + v^{-4}z^2t_{-1} + 2v^{-4}t_{-1} - v^{-6}t_{-1}$
$HSM(5_{93}) = v^5z^3t_1^2 + 2v^5zt_1^2 + v^4z^4t_2 + 3v^4z^2t_2 + v^4t_2$
$HSM(\overline{5_{93}}) = v^{-6}z^4t_{-2} + 3v^{-6}z^2t_{-2} + v^{-6}t_{-2} - v^{-5}z^5t_{-1}^2 - 4v^{-5}z^3t_{-1}^2 - 3v^{-5}zt_{-1}^2$
$HSM(5_{94}) = v^5z^3t_{-1}t_1 + 2v^5zt_{-1}t_1 - v^5z^3 - 3v^5z - v^5z^{-1} + v^3z^3 + 3v^3z + v^3z^{-1}$
$HSM(\overline{5_{94}}) = -v^{-5}z^3t_{-1}t_1 - 2v^{-5}zt_{-1}t_1 - v^{-3}z^3 - 3v^{-3}z - v^{-3}z^{-1} + v^{-5}z^3 + 3v^{-5}z + v^{-5}z^{-1}$
$HSM(5_{95}) = v^5z^3t_{-1}t_1 + v^5zt_{-1}t_1 + v^7z^{-1} - v^5z^3 - 3v^5z - 3v^5z^{-1} + v^3z^3 + 3v^3z + 2v^3z^{-1}$
$HSM(\overline{5_{95}}) = -v^{-5}z^3t_{-1}t_1 - v^{-5}zt_{-1}t_1 - v^{-3}z^3 - 3v^{-3}z - 2v^{-3}z^{-1} + v^{-5}z^3 + 3v^{-5}z + 3v^{-5}z^{-1} - v^{-7}z^{-1}$

Knots in $L(12,1)$

$HSM(0_1) = t_1$
$HSM(1_1) = t_2$
$HSM(\overline{1_1}) = v^{-2}t_{-2} - v^{-1}zt_{-1}^2$
$HSM(2_1) = vzt_{-1}t_1 - v^3z^{-1} + vz^{-1}$
$HSM(\overline{2_1}) = -v^{-1}zt_{-1}t_1 - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(*2_2) = -v^{-1}zt_1t_2 + v^{-2}t_3$
$HSM(2_3) = t_3$
$HSM(\overline{2_3}) = v^{-4}t_{-3} - 2v^{-3}zt_{-2}t_{-1} + v^{-2}z^2t_{-1}^3$
$HSM(3_1) = vzt_{-1}t_2 + v^2t_1$
$HSM(\overline{3_1}) = -v^{-3}zt_{-2}t_1 + v^{-2}z^2t_{-1}^2t_1 + v^{-2}t_{-1}$
$HSM(3_2) = v^{-4}t_{-4} - v^{-3}zt_{-3}t_{-1} - v^{-3}zt_{-2}^2 + v^{-2}z^2t_{-2}t_{-1}^2$
$HSM(\overline{3_2}) = -v^{-1}zt_1t_3 + v^{-2}t_4$
$HSM(3_3) = vzt_1^2 + v^2t_2$
$HSM(\overline{3_3}) = v^{-4}t_{-2} - v^{-1}zt_{-1}^2 - v^{-3}zt_{-1}^2$
$HSM(3_4) = -z^2t_{-1}t_1^2 + v^{-1}zt_{-1}t_2 + v^2t_1$
$HSM(\overline{3_4}) = -v^{-1}zt_{-2}t_1 + v^{-2}t_{-1}$
$HSM(3_5) = -v^{-1}zt_2^2 + v^{-2}t_4$
$HSM(\overline{3_5}) = v^{-4}t_{-4} - 2v^{-3}zt_{-3}t_{-1} + v^{-2}z^2t_{-2}t_{-1}^2$
$HSM(3_6) = t_4$
$HSM(\overline{3_6}) = v^{-6}t_{-4} - 2v^{-5}zt_{-3}t_{-1} - v^{-5}zt_{-2}^2 + 3v^{-4}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4$
$HSM(3_7) = v^3zt_1^2 + v^2z^2t_2 + v^2t_2$
$HSM(\overline{3_7}) = v^{-4}z^2t_{-2} + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^2 - 2v^{-3}zt_{-1}^2$
$HSM(3_8) = v^3zt_{-1}t_1 - v^3z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{3_8}) = -v^{-3}zt_{-1}t_1 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z + v^{-3}z^{-1}$
$HSM(4_1) = vzt_{-1}t_3 + v^2t_2$
$HSM(\overline{4_1}) = -v^{-5}zt_{-3}t_1 + 2v^{-4}z^2t_{-2}t_{-1}t_1 + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^3t_1 - v^{-3}zt_{-1}^2$
$HSM(4_2) = v^{-6}t_{-5} - v^{-5}zt_{-4}t_{-1} - 2v^{-5}zt_{-3}t_{-2} + v^{-4}z^2t_{-3}t_{-1}^2 + 2v^{-4}z^2t_{-2}^2t_{-1} - v^{-3}z^3t_{-2}t_{-1}^3$
$HSM(\overline{4_2}) = -v^{-1}zt_1t_4 + v^{-2}t_5$
$HSM(4_3) = v^2z^2t_{-1}t_1^2 - v^4t_1 + 2v^2t_1$
$HSM(\overline{4_3}) = v^{-2}z^2t_{-1}^2t_1 + 2v^{-2}t_{-1} - v^{-4}t_{-1}$
$HSM(4_4) = -z^2t_{-1}t_1t_2 + v^{-1}zt_{-1}t_3 - vzt_1^2 + t_2$

$HSM(\overline{4_4}) = -v^{-3}zt_{-3}t_1 + v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-2}t_{-2}$
$HSM(4_5) = v^{-2}z^2t_1t_2^2 - 2v^{-3}zt_2t_3 + v^{-4}t_5$
$HSM(\overline{4_5}) = v^{-2}z^2t_1^2t_3 - 2v^{-3}zt_1t_4 + v^{-4}t_5$
$HSM(4_6) = v^3z^3t_{-1}t_1 + 2v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z + v^3z^{-1}$
$HSM(\overline{4_6}) = -v^{-3}z^3t_{-1}t_1 - 2v^{-3}zt_{-1}t_1 - v^{-3}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(4_7) = v^3zt_{-1}t_2 + v^2z^2t_1 + v^2t_1$
$HSM(\overline{4_7}) = -v^{-5}zt_{-2}t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-2}z^2t_{-1} + v^{-2}t_{-1}$
$HSM(4_8) = v^{-4}z^2t_{-3} + v^{-4}t_{-3} - v^{-3}z^3t_{-2}t_{-1} - 2v^{-3}zt_{-2}t_{-1}$
$HSM(\overline{4_8}) = -v^2z^2t_1^3 - vz^3t_1t_2 + z^2t_3 + t_3$
$HSM(4_9) = v^{-2}z^2t_{-2} + v^{-2}t_{-2} - v^{-3}zt_{-1}^2$
$HSM(\overline{4_9}) = v^3zt_1^2 - vz^3t_1^2 - vzt_1^2 + z^2t_2 + t_2$
$HSM(4_{10}) = v^3zt_{-1}t_1 + vzt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{4_{10}}) = -v^{-1}zt_{-1}t_1 - v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(4_{11}) = -z^2t_1^3 - vzt_1t_2 + v^{-1}zt_1t_2 + t_3$
$HSM(\overline{4_{11}}) = v^{-4}t_{-3} - v^{-1}zt_{-2}t_{-1} - v^{-3}zt_{-2}t_{-1}$
$HSM(4_{12}) = -z^2t_{-1}t_1t_2 + v^{-1}zt_{-1}t_3 + v^2t_2$
$HSM(\overline{4_{12}}) = -v^{-3}zt_{-3}t_1 + v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-4}t_{-2} - v^{-3}zt_{-1}^2$
$HSM(*4_{13}) = -z^2t_{-1}t_1^2 + v^2t_1 - t_1 + v^{-2}t_1$
$HSM(*4_{14}) = v^{-2}z^2t_1t_2^2 - v^{-3}zt_1t_4 - v^{-3}zt_2t_3 + v^{-4}t_5$
$HSM(4_{15}) = -v^{-1}zt_{-2}t_2 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(\overline{4_{15}}) = -v^{-2}z^2t_{-2}t_1^2 + v^{-3}zt_{-2}t_2 + v^{-1}z^3t_{-1}^2t_1^2 - v^{-2}z^2t_{-1}^2t_2 - vzt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(4_{16}) = vzt_1t_2 + v^2t_3$
$HSM(\overline{4_{16}}) = v^{-6}t_{-3} - v^{-3}zt_{-2}t_{-1} - 2v^{-5}zt_{-2}t_{-1} + v^{-2}z^2t_{-1}^3 + v^{-4}z^2t_{-1}^3$
$HSM(4_{17}) = v^{-1}z^3t_{-1}t_1^3 - 2v^{-2}z^2t_{-1}t_1t_2 + v^{-3}zt_{-1}t_3 - vzt_1^2 + t_2$
$HSM(\overline{4_{17}}) = -v^{-1}zt_{-1}t_3 + v^{-2}t_2$
$HSM(4_{18}) = -v^{-1}zt_2t_3 + v^{-2}t_5$
$HSM(\overline{4_{18}}) = v^{-6}t_{-5} - 2v^{-5}zt_{-4}t_{-1} - v^{-5}zt_{-3}t_{-2} + 2v^{-4}z^2t_{-3}t_{-1}^2 + v^{-4}z^2t_{-2}^2t_{-1} - v^{-3}z^3t_{-2}t_{-1}^3$
$HSM(4_{19}) = -v^{-3}zt_{-2}t_2 + v^{-2}z^2t_{-1}^2t_2 - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(\overline{4_{19}}) = -z^2t_{-2}t_1^2 + v^{-1}zt_{-2}t_2 - v^3z^{-1} + vz^{-1}$
$HSM(4_{20}) = vzt_{-2}t_2 + v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{4_{20}}) = v^{-4}z^2t_{-2}t_1^2 - v^{-5}zt_{-2}t_2 - v^{-3}z^3t_{-1}^2t_1^2 + v^{-4}z^2t_{-1}^2t_2 - v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(*4_{21}) = v^{-2}z^2t_1^2t_3 - v^{-3}zt_1t_4 - v^{-3}zt_2t_3 + v^{-4}t_5$
$HSM(4_{22}) = v^3zt_1t_2 + v^2z^2t_3 + v^2t_3$
$HSM(\overline{4_{22}}) = v^{-6}z^2t_{-3} + v^{-6}t_{-3} - 2v^{-5}z^3t_{-2}t_{-1} - 3v^{-5}zt_{-2}t_{-1} + v^{-4}z^4t_{-1}^3 + 2v^{-4}z^2t_{-1}^3$
$HSM(4_{23}) = -v^{-3}zt_{-2}t_1 + v^{-2}z^2t_{-1} + v^{-2}t_{-1}$
$HSM(\overline{4_{23}}) = -v^2z^2t_{-1}t_1^2 + vzt_{-1}t_2 + v^2z^2t_1 + v^2t_1$
$HSM(4_{24}) = t_5$
$HSM(\overline{4_{24}}) = v^{-8}t_{-5} - 2v^{-7}zt_{-4}t_{-1} - 2v^{-7}zt_{-3}t_{-2} + 3v^{-6}z^2t_{-3}t_{-1}^2 + 3v^{-6}z^2t_{-2}^2t_{-1} - 4v^{-5}z^3t_{-2}t_{-1}^3 + v^{-4}z^4t_{-1}^5$
$HSM(4_{25}) = v^{-1}zt_{-1}t_1 - v^3z^{-1} + vz + vz^{-1} - v^{-1}z$
$HSM(\overline{4_{25}}) = -vzt_{-1}t_1 + vz - v^{-1}z - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(4_{26}) = -vzt_1^2 - z^2t_2 + v^{-2}t_2$
$HSM(\overline{4_{26}}) = -vzt_1^2 + v^{-1}z^3t_1^2 + v^{-1}zt_1^2 + t_2 - v^{-2}z^2t_2$
$HSM(*4_{27}) = z^2t_1^3 + v^{-1}z^3t_1t_2 - v^{-1}zt_1t_2 - v^{-2}z^2t_3 + v^{-2}t_3$
$HSM(5_1) = v^4z^2t_{-1}t_1^2 + v^3z^3t_{-1}t_2 + v^3zt_{-1}t_2 - v^6t_1 + v^4z^2t_1 + 2v^4t_1$
$HSM(\overline{5_1}) = -v^{-5}z^3t_{-2}t_1 - v^{-5}zt_{-2}t_1 + v^{-4}z^4t_{-1}^2t_1 + 2v^{-4}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1} + 2v^{-4}t_{-1} - v^{-6}t_{-1}$
$HSM(5_2) = -v^2z^2t_{-1}t_1t_2 + vzt_{-1}t_3 + v^2z^2t_2 + v^2t_2$
$HSM(\overline{5_2}) = -v^{-5}zt_{-3}t_1 + v^{-4}z^2t_{-2}t_{-1}t_1 + v^{-4}z^2t_{-2} + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2$
$HSM(5_3) = -v^{-2}z^2t_{-1}^2t_1 + t_{-1} + v^{-2}z^2t_{-1}$
$HSM(\overline{5_3}) = -v^2z^2t_{-1}t_1^2 + v^2z^2t_1 + t_1$

$HSM(5_4) = v^{-6}z^2t_{-4} + v^{-6}t_{-4} - v^{-5}z^3t_{-3}t_{-1} - 2v^{-5}zt_{-3}t_{-1} - v^{-5}z^3t_{-2}^2 - v^{-5}zt_{-2}^2 + v^{-4}z^4t_{-2}t_{-1}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2$
$HSM(\overline{5_4}) = -v^2z^2t_1^2t_2 - vz^3t_1t_3 + z^2t_4 + t_4$
$HSM(5_5) = vzt_{-1}t_4 + v^2t_3$
$HSM(\overline{5_5}) = -v^{-7}zt_{-4}t_1 + 2v^{-6}z^2t_{-3}t_{-1}t_1 + v^{-6}t_{-3} + v^{-6}z^2t_{-2}^2t_1 - 3v^{-5}z^3t_{-2}t_{-1}^2t_1 - 2v^{-5}zt_{-2}t_{-1} + v^{-4}z^4t_{-1}^4t_1 + v^{-4}z^2t_{-1}^3$
$HSM(5_6) = -v^{-7}zt_{-5}t_{-1} - 2v^{-7}zt_{-4}t_{-2} + v^{-6}z^2t_{-4}t_{-1}^2 - v^{-7}zt_{-3}^2 + 4v^{-6}z^2t_{-3}t_{-2}t_{-1} - v^{-5}z^3t_{-3}t_{-1}^3 + v^{-6}z^2t_{-2}^3 - 3v^{-5}z^3t_{-2}^2t_{-1}^2 + v^{-4}z^4t_{-2}t_{-1}^4 + v^{-8}t_6$
$HSM(\overline{5_6}) = -v^{-1}zt_1t_5 + v^{-2}t_6$
$HSM(5_7) = v^2z^2t_{-1}^2t_2 + 2v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{5_7}) = -v^{-3}z^3t_{-1}^2t_1^2 + v^{-4}z^2t_{-1}^2t_2 - 2v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(5_8) = -z^2t_{-1}t_1t_3 + v^{-1}zt_{-1}t_4 - vzt_1t_2 + t_3$
$HSM(\overline{5_8}) = -v^{-5}zt_{-4}t_1 + v^{-4}z^2t_{-3}t_{-1}t_1 + v^{-4}t_{-3} + v^{-4}z^2t_{-2}^2t_1 - v^{-3}z^3t_{-2}t_{-1}^2t_1 - v^{-3}zt_{-2}t_{-1}$
$HSM(5_9) = -2v^{-5}zt_{-4}t_{-2} - v^{-5}zt_{-3}^2 + 2v^{-4}z^2t_{-3}t_{-2}t_{-1} + v^{-4}z^2t_{-2}^3 - v^{-3}z^3t_{-2}^2t_{-1}^2 + v^{-6}t_6$
$HSM(\overline{5_9}) = v^{-2}z^2t_1^2t_4 - 2v^{-3}zt_1t_5 + v^{-4}t_6$
$HSM(5_{10}) = v^2z^2t_{-1}t_1^2 + v^3zt_{-1}t_2 + v^2t_1$
$HSM(\overline{5_{10}}) = -v^{-5}zt_{-2}t_1 + v^{-2}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-2}t_{-1}$
$HSM(5_{11}) = -vz^3t_{-1}t_1^3 + z^2t_{-1}t_1t_2 + v^3zt_1^2 - vzt_1^2 + t_2$
$HSM(\overline{5_{11}}) = v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-2}t_{-2} - v^{-3}zt_{-1}^2$
$HSM(5_{12}) = -z^2t_{-1}t_2^2 + v^{-1}zt_{-1}t_4 - vzt_1t_2 + t_3$
$HSM(\overline{5_{12}}) = -v^{-5}zt_{-4}t_1 + 2v^{-4}z^2t_{-3}t_{-1}t_1 + v^{-4}t_{-3} - v^{-3}z^3t_{-2}t_{-1}^2t_1 - v^{-3}zt_{-2}t_{-1}$
$HSM(5_{13}) = -z^2t_{-1}^2t_2 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(\overline{5_{13}}) = v^{-1}z^3t_{-1}^2t_1^2 - v^{-2}z^2t_{-1}^2t_2 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(5_{14}) = v^{-1}z^3t_{-1}t_1^2t_2 - v^{-2}z^2t_{-1}t_1t_3 - v^{-2}z^2t_{-1}t_2^2 + v^{-3}zt_{-1}t_4 - vzt_1t_2 + t_3$
$HSM(\overline{5_{14}}) = -v^{-3}zt_{-4}t_1 + v^{-2}z^2t_{-3}t_{-1}t_1 + v^{-4}t_{-3} - v^{-3}zt_{-2}t_{-1}$
$HSM(5_{15}) = -v^{-5}zt_{-5}t_{-1} - v^{-5}zt_{-4}t_{-2} - v^{-5}zt_{-3}^2 + 3v^{-4}z^2t_{-3}t_{-2}t_{-1} - v^{-3}z^3t_{-2}^2t_{-1}^2 + v^{-6}t_6$
$HSM(\overline{5_{15}}) = v^{-2}z^2t_1t_2t_3 - v^{-3}zt_1t_5 - v^{-3}zt_2t_4 + v^{-4}t_6$
$HSM(5_{16}) = -v^{-3}zt_{-3}t_2 + v^{-2}z^2t_{-2}t_{-1}t_2 + v^{-2}t_{-1}$
$HSM(\overline{5_{16}}) = -v^{-2}z^2t_{-2}t_1t_2 + v^{-3}zt_{-2}t_3 + v^{-1}z^3t_{-1}^2t_1t_2 - v^{-2}z^2t_{-1}^2t_3 + v^2t_1$
$HSM(5_{17}) = v^{-6}t_{-4} - v^{-3}zt_{-3}t_{-1} - v^{-5}zt_{-3}t_{-1} - v^{-5}zt_{-2}^2 + v^{-2}z^2t_{-2}t_{-1}^2 + v^{-4}z^2t_{-2}t_{-1}^2$
$HSM(\overline{5_{17}}) = -z^2t_1^2t_2 - vzt_1t_3 + v^{-1}zt_1t_3 + t_4$
$HSM(5_{18}) = v^2z^2t_{-1}t_1t_2 + v^3zt_1^2 + v^2t_2$
$HSM(\overline{5_{18}}) = v^{-4}z^2t_{-2}t_{-1}t_1 + v^{-4}t_{-2} - v^{-3}z^3t_{-1}^3t_1 - 2v^{-3}zt_{-1}^2$
$HSM(5_{19}) = v^{-1}z^3t_{-1}t_1^2t_2 - v^{-2}z^2t_{-1}t_1t_3 - v^{-2}z^2t_{-1}t_2^2 + v^{-3}zt_{-1}t_4 + z^2t_1^3 - 2v^{-1}zt_1t_2 + v^{-2}t_3$
$HSM(\overline{5_{19}}) = -v^{-3}zt_{-4}t_1 + v^{-2}z^2t_{-3}t_{-1}t_1 + v^{-2}t_{-3}$
$HSM(5_{20}) = v^{-2}z^2t_1t_2t_3 - v^{-3}zt_2t_4 - v^{-3}zt_3^2 + v^{-4}t_6$
$HSM(\overline{5_{20}}) = -2v^{-5}zt_{-5}t_{-1} - v^{-5}zt_{-4}t_{-2} + 2v^{-4}z^2t_{-4}t_{-1}^2 + v^{-4}z^2t_{-3}t_{-2}t_{-1} - v^{-3}z^3t_{-3}t_{-1}^3 + v^{-6}t_6$
$HSM(5_{21}) = v^{-4}z^2t_{-3}t_1^2 - v^{-5}zt_{-3}t_2 - v^{-3}z^3t_{-2}t_{-1}t_1^2 + v^{-4}z^2t_{-2}t_{-1}t_2 - v^{-3}zt_{-2}t_1 + v^{-4}t_{-1}$
$HSM(\overline{5_{21}}) = -z^2t_{-2}t_1t_2 + v^{-1}zt_{-2}t_3 - v^2z^2t_{-1}t_1^2 + vzt_{-1}t_2 + v^4t_1$
$HSM(5_{22}) = -v^{-1}zt_{-1}t_3 + v^{-1}zt_1^2 + t_2$
$HSM(\overline{5_{22}}) = v^{-3}zt_{-3}t_1 - 2v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-2}t_{-2} + v^{-1}z^3t_{-1}^3t_1 - vzt_{-1}^2 - v^{-1}zt_{-1}^2$
$HSM(5_{23}) = v^{-3}zt_{-2}t_1 - v^{-2}z^2t_{-1}^2t_1 + 2t_{-1} - v^{-2}t_{-1}$
$HSM(\overline{5_{23}}) = -vzt_{-1}t_2 - v^2t_1 + 2t_1$
$HSM(5_{24}) = vzt_1t_3 - vzt_2^2 + t_4$
$HSM(\overline{5_{24}}) = v^{-6}t_{-4} - 3v^{-5}zt_{-3}t_{-1} + 3v^{-4}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4$
$HSM(5_{25}) = v^3zt_{-1}t_3 + v^3z^3t_1^2 + v^3zt_1^2 + v^4z^2t_2 + v^4t_2$
$HSM(\overline{5_{25}}) = -v^{-7}zt_{-3}t_1 + 2v^{-6}z^2t_{-2}t_{-1}t_1 + v^{-6}z^2t_{-2} + v^{-6}t_{-2} - v^{-5}z^3t_{-1}^3t_1 - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - v^{-5}zt_{-1}^2$
$HSM(5_{26}) = -v^2z^4t_{-1}t_1^2 - v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + vzt_{-1}t_2 + v^4z^2t_1 + v^2t_1$
$HSM(\overline{5_{26}}) = -v^{-3}z^3t_{-2}t_1 - v^{-3}zt_{-2}t_1 + v^{-2}t_{-1} + v^{-4}z^2t_{-1}$

$HSM(5_{27}) = -v^2z^4t_{-1}t_1^2 - v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + vzt_{-1}t_2 + v^4z^2t_1 + v^2t_1$
$HSM(\overline{5_{27}}) = -v^{-3}z^3t_{-2}t_1 - v^{-3}zt_{-2}t_1 + v^{-2}t_{-1} + v^{-4}z^2t_{-1}$
$HSM(5_{28}) = v^{-4}z^2t_{-4} + v^{-4}t_{-4} - v^{-3}zt_{-3}t_{-1} - v^{-3}z^3t_{-2}^2 - v^{-3}zt_{-2}^2$
$HSM(\overline{5_{28}}) = vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 - 2v^{-1}z^3t_1t_3 - v^{-1}zt_1t_3 + v^{-2}z^2t_4 + v^{-2}t_4$
$HSM(5_{29}) = -vz^3t_{-1}t_1 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 + v^3z - vz - vz^{-1} + v^{-1}z^{-1}$
$HSM(\overline{5_{29}}) = -vzt_{-1}t_1 + v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z + v^{-1}z^{-1} - v^{-3}z$
$HSM(5_{30}) = -vzt_{-1}t_2 - z^2t_1 + v^{-2}t_1$
$HSM(\overline{5_{30}}) = v^{-3}zt_{-2}t_1 - v^{-2}z^2t_{-1}^2t_1 + v^2t_{-1} - z^2t_{-1}$
$HSM(5_{31}) = z^4t_{-1}t_1^2 + z^2t_{-1}t_1^2 - v^{-1}z^3t_{-1}t_2 - v^2z^2t_1 + t_1$
$HSM(\overline{5_{31}}) = v^{-1}z^3t_{-2}t_1 + z^2t_{-1}^2t_1 + t_{-1} - v^{-2}z^2t_{-1}$
$HSM(5_{32}) = -vzt_1t_2 + v^{-1}z^3t_1t_2 + v^{-1}zt_1t_2 + t_3 - v^{-2}z^2t_3$
$HSM(\overline{5_{32}}) = -v^{-2}z^2t_{-3} + v^{-4}t_{-3} + v^{-1}z^3t_{-2}t_{-1} - v^{-1}zt_{-2}t_{-1} - v^{-3}zt_{-2}t_{-1} + z^2t_{-1}^3$
$HSM(5_{33}) = v^{-1}zt_1^2 + v^2t_2 - z^2t_2$
$HSM(\overline{5_{33}}) = -v^{-2}z^2t_{-2} + v^{-4}t_{-2} - vzt_{-1}^2 + v^{-1}z^3t_{-1}^2 - v^{-3}zt_{-1}^2$
$HSM(5_{34}) = z^2t_1^2t_2 - v^{-1}zt_1t_3 + v^{-1}z^3t_2^2 - v^{-2}z^2t_4 + v^{-2}t_4$
$HSM(\overline{5_{34}}) = -v^{-4}z^2t_{-4} + v^{-4}t_{-4} + 2v^{-3}z^3t_{-3}t_{-1} - v^{-3}zt_{-3}t_{-1} - v^{-3}zt_{-2}^2 - v^{-2}z^4t_{-2}t_{-1}^2 + 2v^{-2}z^2t_{-2}t_{-1}^2 - v^{-1}z^3t_{-1}^4$
$HSM(5_{35}) = v^3zt_{-2}t_2 + v^3z^3t_{-1}t_1 + v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z + v^3z^{-1}$
$HSM(\overline{5_{35}}) = v^{-6}z^2t_{-2}t_1^2 - v^{-7}zt_{-2}t_2 - v^{-5}z^3t_{-1}^2t_1^2 + v^{-6}z^2t_{-1}^2t_2 - v^{-3}z^3t_{-1}t_1 - v^{-3}zt_{-1}t_1 - v^{-3}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(5_{36}) = v^3zt_1t_2 - vz^3t_1t_2 - vzt_1t_2 + z^2t_3 + t_3$
$HSM(\overline{5_{36}}) = v^{-4}z^2t_{-3} + v^{-4}t_{-3} - v^{-3}z^3t_{-2}t_{-1} - v^{-3}zt_{-2}t_{-1} - v^{-5}zt_{-2}t_{-1} + v^{-4}z^2t_{-1}^3$
$HSM(5_{37}) = v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - v^{-3}zt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$
$HSM(\overline{5_{37}}) = v^3zt_{-1}t_1 - vz^3t_{-1}t_1 - vzt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$
$HSM(5_{38}) = -v^2z^2t_{-2}t_1^2 + vzt_{-2}t_2 - v^3z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{5_{38}}) = -v^{-5}zt_{-2}t_2 + v^{-4}z^2t_{-1}^2t_2 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z + v^{-3}z^{-1}$
$HSM(5_{39}) = v^{-2}z^2t_{-3} + v^{-2}t_{-3} - v^{-3}zt_{-2}t_{-1}$
$HSM(\overline{5_{39}}) = -v^2z^2t_1^3 + z^4t_1^3 + z^2t_1^3 + vzt_1t_2 - 2v^{-1}z^3t_1t_2 - 2v^{-1}zt_1t_2 + v^{-2}z^2t_3 + v^{-2}t_3$
$HSM(5_{40}) = v^3z^3t_{-1}t_2 + 2v^3zt_{-1}t_2 + v^4z^2t_1 + v^4t_1$
$HSM(\overline{5_{40}}) = -v^{-5}z^3t_{-2}t_1 - 2v^{-5}zt_{-2}t_1 + v^{-4}z^4t_{-1}^2t_1 + 2v^{-4}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1} + v^{-4}t_{-1}$
$HSM(5_{41}) = v^{-6}z^2t_{-4} + v^{-6}t_{-4} - v^{-5}z^3t_{-3}t_{-1} - v^{-5}zt_{-3}t_{-1} - v^{-5}z^3t_{-2}^2 - 2v^{-5}zt_{-2}^2 + v^{-4}z^4t_{-2}t_{-1}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2$
$HSM(\overline{5_{41}}) = -v^2z^2t_1^2t_2 - vz^3t_1t_3 - vzt_1t_3 + vzt_2^2 + z^2t_4 + t_4$
$HSM(5_{42}) = v^3zt_{-1}t_2 + vzt_{-1}t_2 + v^4t_1$
$HSM(\overline{5_{42}}) = -v^{-3}zt_{-2}t_1 - v^{-5}zt_{-2}t_1 + v^{-2}z^2t_{-1}^2t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-4}t_{-1}$
$HSM(5_{43}) = v^{-1}z^3t_1^4 + z^2t_1^2t_2 - 2v^{-2}z^2t_1^2t_2 - v^{-1}zt_1t_3 + v^{-3}zt_1t_3 - v^{-1}zt_2^2 + v^{-2}t_4$
$HSM(\overline{5_{43}}) = v^{-4}t_{-4} - v^{-1}zt_{-3}t_{-1} - v^{-3}zt_{-3}t_{-1}$
$HSM(5_{44}) = -z^2t_{-1}t_1t_3 + v^{-1}zt_{-1}t_4 + v^2t_3$
$HSM(\overline{5_{44}}) = -v^{-5}zt_{-4}t_1 + v^{-4}z^2t_{-3}t_{-1}t_1 + v^{-6}t_{-3} + v^{-4}z^2t_{-2}^2t_1 - v^{-3}z^3t_{-2}t_{-1}^2t_1 - 2v^{-5}zt_{-2}t_{-1} + v^{-4}z^2t_{-1}^3$
$HSM(5_{45}) = -v^{-2}z^2t_{-2}t_{-1}t_1 + t_{-2} + v^{-1}z^3t_{-1}^3t_1 - vzt_{-1}^2 + v^{-1}zt_{-1}^2$
$HSM(\overline{5_{45}}) = -z^2t_{-1}t_1t_2 - vzt_1^2 + v^{-2}t_2$
$HSM(5_{46}) = -z^2t_{-2}t_1t_2 + v^{-1}zt_{-2}t_3 + v^2t_1$
$HSM(\overline{5_{46}}) = v^{-4}z^2t_{-3}t_1^2 - v^{-5}zt_{-3}t_2 - v^{-3}z^3t_{-2}t_{-1}t_1^2 + v^{-4}z^2t_{-2}t_{-1}t_2 + v^{-2}t_{-1}$
$HSM(5_{47}) = -v^{-5}zt_{-5}t_{-1} - 2v^{-5}zt_{-4}t_{-2} + v^{-4}z^2t_{-4}t_{-1}^2 + v^{-4}z^2t_{-3}t_{-2}t_{-1} + v^{-4}z^2t_{-2}^3 - v^{-3}z^3t_{-2}^2t_{-1}^2 + v^{-6}t_6$
$HSM(\overline{5_{47}}) = v^{-2}z^2t_1t_2t_3 - v^{-3}zt_1t_5 - v^{-3}zt_3^2 + v^{-4}t_6$
$HSM(5_{48}) = -v^{-1}zt_{-2}t_3 + v^{-1}zt_{-1}t_2 + t_1$
$HSM(\overline{5_{48}}) = -v^{-4}z^2t_{-3}t_1^2 + v^{-5}zt_{-3}t_2 + 2v^{-3}z^3t_{-2}t_{-1}t_1^2 - 2v^{-4}z^2t_{-2}t_{-1}t_2 - v^{-1}zt_{-2}t_1 - v^{-2}z^4t_{-1}^3t_1^2 + v^{-3}z^3t_{-1}^3t_2 + z^2t_{-1}^2t_1 + t_{-1}$

$HSM(5_{49}) = v^{-6}t_{-4} - v^{-5}zt_{-3}t_{-1} - v^{-3}zt_{-2}^2 - v^{-5}zt_{-2}^2 + v^{-2}z^2t_{-2}t_{-1}^2 + v^{-4}z^2t_{-2}t_{-1}^2$
$HSM(\overline{5_{49}}) = -z^2t_1^2t_2 - vzt_1t_3 + v^{-1}zt_2^2 + t_4$
$HSM(5_{50}) = v^3z^3t_1^2 + 2v^3zt_1^2 + v^4z^2t_2 + v^4t_2$
$HSM(\overline{5_{50}}) = v^{-6}z^2t_{-2} + v^{-6}t_{-2} - v^{-3}z^3t_{-1}^2 - 2v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - v^{-5}zt_{-1}^2$
$HSM(5_{51}) = v^4z^2t_{-1}t_1^2 - v^6t_1 + v^4t_1 + v^2z^2t_1 + v^2t_1$
$HSM(\overline{5_{51}}) = v^{-4}z^2t_{-1}^2t_1 + v^{-2}z^2t_{-1} + v^{-2}t_{-1} + v^{-4}t_{-1} - v^{-6}t_{-1}$
$HSM(5_{52}) = v^{-3}z^3t_{-2}t_1 + v^{-3}zt_{-2}t_1 - v^{-2}z^4t_{-1}^2t_1 - 2v^{-2}z^2t_{-1}^2t_1 + z^2t_{-1} + 2t_{-1} - v^{-2}t_{-1}$
$HSM(\overline{5_{52}}) = -v^2z^2t_{-1}t_1^2 - vz^3t_{-1}t_2 - vzt_{-1}t_2 - v^2t_1 + z^2t_1 + 2t_1$
$HSM(5_{53}) = -v^2z^2t_1^2t_2 + vzt_1t_3 - vz^3t_2^2 - vzt_2^2 + z^2t_4 + t_4$
$HSM(\overline{5_{53}}) = v^{-6}z^2t_{-4} + v^{-6}t_{-4} - 2v^{-5}z^3t_{-3}t_{-1} - 3v^{-5}zt_{-3}t_{-1} + v^{-4}z^4t_{-2}t_{-1}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2$
$HSM(5_{54}) = -v^{-3}z^3t_{-2}t_1 - 2v^{-3}zt_{-2}t_1 + v^{-4}z^2t_{-1} + v^{-4}t_{-1}$
$HSM(\overline{5_{54}}) = -v^2z^4t_{-1}t_1^2 - 2v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + 2vzt_{-1}t_2 + v^4z^2t_1 + v^4t_1$
$HSM(5_{55}) = -v^{-5}zt_{-3}t_1 + v^{-4}z^2t_{-2}t_{-1}t_1 + v^{-2}z^2t_{-2} + v^{-2}t_{-2}$
$HSM(\overline{5_{55}}) = -v^2z^2t_{-1}t_1t_2 + vzt_{-1}t_3 - vz^3t_1^2 - vzt_1^2 + z^2t_2 + t_2$
$HSM(5_{56}) = v^{-4}z^2t_{-4} + v^{-4}t_{-4} - v^{-3}z^3t_{-2}^2 - 2v^{-3}zt_{-2}^2$
$HSM(\overline{5_{56}}) = vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 - 2v^{-1}z^3t_1t_3 - 2v^{-1}zt_1t_3 + v^{-1}zt_2^2 + v^{-2}z^2t_4 + v^{-2}t_4$
$HSM(5_{57}) = v^3zt_1^2 + vzt_1^2 + v^4t_2$
$HSM(\overline{5_{57}}) = v^{-6}t_{-2} - v^{-1}zt_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}zt_{-1}^2$
$HSM(5_{58}) = -v^2z^2t_{-1}t_1^2 - z^2t_{-1}t_1^2 + vzt_{-1}t_2 + v^{-1}zt_{-1}t_2 + v^4t_1$
$HSM(\overline{5_{58}}) = -v^{-1}zt_{-2}t_1 - v^{-3}zt_{-2}t_1 + v^{-4}t_{-1}$
$HSM(5_{59}) = -z^2t_1^2t_2 + v^{-1}zt_1t_3 - vzt_2^2 + t_4$
$HSM(\overline{5_{59}}) = v^{-6}t_{-4} - v^{-3}zt_{-3}t_{-1} - 2v^{-5}zt_{-3}t_{-1} + v^{-2}z^2t_{-2}t_{-1}^2 + v^{-4}z^2t_{-2}t_{-1}^2$
$HSM(5_{60}) = -z^2t_{-1}t_1^2 - vzt_{-1}t_2 + v^{-2}t_1$
$HSM(\overline{5_{60}}) = v^{-3}zt_{-2}t_1 - z^2t_{-1}^2t_1 - v^{-2}z^2t_{-1}^2t_1 + v^2t_{-1}$
$HSM(5_{61}) = -vz^3t_{-1}^2t_1^2 + z^2t_{-1}^2t_2 + 2v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{5_{61}}) = v^{-2}z^2t_{-1}^2t_2 - 2v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(5_{62}) = v^{-1}z^3t_{-1}t_1^2t_2 - 2v^{-2}z^2t_{-1}t_1t_3 + v^{-3}zt_{-1}t_4 - vzt_1t_2 + t_3$
$HSM(\overline{5_{62}}) = -v^{-3}zt_{-4}t_1 + v^{-4}t_{-3} + v^{-2}z^2t_{-2}^2t_1 - v^{-3}zt_{-2}t_{-1}$
$HSM(5_{63}) = -z^2t_{-1}t_1t_2 + v^{-1}zt_1^2 + v^2t_2$
$HSM(\overline{5_{63}}) = -v^{-2}z^2t_{-2}t_{-1}t_1 + v^{-4}t_{-2} + v^{-1}z^3t_{-1}^3t_1 - vzt_{-1}^2 - v^{-3}zt_{-1}^2$
$HSM(5_{64}) = -v^{-2}z^2t_{-2}t_1t_2 + v^{-3}zt_{-2}t_3 + v^{-1}z^3t_{-1}^2t_1t_2 - v^{-2}z^2t_{-1}^2t_3 - vzt_{-1}t_2 + t_1$
$HSM(\overline{5_{64}}) = -v^{-3}zt_{-3}t_2 + v^{-2}z^2t_{-2}t_{-1}t_2 + v^{-3}zt_{-2}t_1 - v^{-2}z^2t_{-1}^2t_1 + t_{-1}$
$HSM(5_{65}) = v^{-2}z^2t_2^3 - 2v^{-3}zt_2t_4 + v^{-4}t_6$
$HSM(\overline{5_{65}}) = -2v^{-5}zt_{-5}t_{-1} + v^{-4}z^2t_{-4}t_{-1}^2 - v^{-5}zt_{-3}^2 + 2v^{-4}z^2t_{-3}t_{-2}t_{-1} - v^{-3}z^3t_{-2}^2t_{-1}^2 + v^{-6}t_6$
$HSM(5_{66}) = v^{-4}t_{-4} - v^{-1}zt_{-2}^2 - v^{-3}zt_{-2}^2$
$HSM(\overline{5_{66}}) = v^{-1}z^3t_1^4 + z^2t_1^2t_2 - 2v^{-2}z^2t_1^2t_2 - 2v^{-1}zt_1t_3 + v^{-3}zt_2^2 + v^{-2}t_4$
$HSM(5_{67}) = vzt_1t_3 + v^2t_4$
$HSM(\overline{5_{67}}) = v^{-8}t_{-4} - v^{-5}zt_{-3}t_{-1} - 2v^{-7}zt_{-3}t_{-1} - v^{-7}zt_{-2}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2 + 3v^{-6}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4 - v^{-5}z^3t_{-1}^4$
$HSM(5_{68}) = v^{-5}zt_{-4}t_1 - 2v^{-4}z^2t_{-3}t_{-1}t_1 + v^{-2}t_{-3} - v^{-4}z^2t_{-2}^2t_1 + 3v^{-3}z^3t_{-2}t_{-1}^2t_1 - 2v^{-1}zt_{-2}t_{-1} - v^{-2}z^4t_{-1}^4t_1 + z^2t_{-1}^3$
$HSM(\overline{5_{68}}) = -v^{-1}zt_{-1}t_4 + v^{-2}t_3$
$HSM(5_{69}) = -v^{-1}zt_2t_4 + v^{-2}t_6$
$HSM(\overline{5_{69}}) = -2v^{-7}zt_{-5}t_{-1} - v^{-7}zt_{-4}t_{-2} + 2v^{-6}z^2t_{-4}t_{-1}^2 - v^{-7}zt_{-3}^2 + 4v^{-6}z^2t_{-3}t_{-2}t_{-1} - 2v^{-5}z^3t_{-3}t_{-1}^3 - 2v^{-5}z^3t_{-2}^2t_{-1}^2 + v^{-4}z^4t_{-2}t_{-1}^4 + v^{-8}t_6$
$HSM(5_{70}) = -v^{-5}zt_{-3}t_2 + 2v^{-4}z^2t_{-2}t_{-1}t_2 - v^{-3}z^3t_{-1}^3t_2 + v^{-2}t_{-1}$
$HSM(\overline{5_{70}}) = v^{-1}zt_{-2}t_3 - z^2t_{-1}^2t_3 + v^2t_1$
$HSM(5_{71}) = -v^{-3}zt_{-2}t_2 + v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$
$HSM(\overline{5_{71}}) = -z^2t_{-2}t_1^2 + v^{-1}zt_{-2}t_2 + vz^3t_{-1}^2t_1^2 - z^2t_{-1}^2t_2 - vz^3t_{-1}t_1 - vzt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$
$HSM(5_{72}) = vzt_{-2}t_3 + v^3zt_{-1}t_2 + v^4t_1$

$HSM(\overline{5_{72}}) = v^{-6}z^2t_{-3}t_1^2 - v^{-7}zt_{-3}t_2 - 2v^{-5}z^3t_{-2}t_{-1}t_1^2 + 2v^{-6}z^2t_{-2}t_{-1}t_2 - v^{-5}zt_{-2}t_1 + v^{-4}z^4t_{-1}^3t_1^2 - v^{-5}z^3t_{-1}^3t_2 + v^{-4}z^2t_{-1}^2t_1 + v^{-4}t_{-1}$

$HSM(5_{73}) = -v^{-5}zt_{-5}t_{-1} - v^{-5}zt_{-4}t_{-2} + v^{-4}z^2t_{-4}t_{-1}^2 - v^{-5}zt_{-3}^2 + 2v^{-4}z^2t_{-3}t_{-2}t_{-1} - v^{-3}z^3t_{-3}t_{-1}^3 + v^{-6}t_6$

$HSM(\overline{5_{73}}) = v^{-2}z^2t_1^2t_4 - v^{-3}zt_1t_5 - v^{-3}zt_2t_4 + v^{-4}t_6$

$HSM(5_{74}) = v^3zt_1t_3 + v^2z^2t_4 + v^2t_4$

$HSM(\overline{5_{74}}) = v^{-8}z^2t_{-4} + v^{-8}t_{-4} - 2v^{-7}z^3t_{-3}t_{-1} - 3v^{-7}zt_{-3}t_{-1} - v^{-7}z^3t_{-2}^2 - v^{-7}zt_{-2}^2 + 3v^{-6}z^4t_{-2}t_{-1}^2 + 5v^{-6}z^2t_{-2}t_{-1}^2 - v^{-5}z^5t_{-1}^4 - 2v^{-5}z^3t_{-1}^4$

$HSM(5_{75}) = -v^{-3}zt_{-3}t_1 + v^{-2}z^2t_{-2} + v^{-2}t_{-2}$

$HSM(\overline{5_{75}}) = vz^3t_{-1}t_1^3 - 2z^2t_{-1}t_1t_2 + v^{-1}zt_{-1}t_3 - vz^3t_1^2 - vzt_1^2 + z^2t_2 + t_2$

$HSM(5_{76}) = -vzt_1t_2 - z^2t_3 + v^{-2}t_3$

$HSM(\overline{5_{76}}) = v^{-2}t_{-3} - v^{-4}z^2t_{-3} - 2v^{-1}zt_{-2}t_{-1} + 2v^{-3}z^3t_{-2}t_{-1} + v^{-3}zt_{-2}t_{-1} + z^2t_{-1}^3 - v^{-2}z^4t_{-1}^3 - v^{-2}z^2t_{-1}^3$

$HSM(5_{77}) = z^2t_1^2t_2 + v^{-1}z^3t_1t_3 - v^{-1}zt_2^2 - v^{-2}z^2t_4 + v^{-2}t_4$

$HSM(\overline{5_{77}}) = -v^{-4}z^2t_{-4} + v^{-4}t_{-4} + v^{-3}z^3t_{-3}t_{-1} - 2v^{-3}zt_{-3}t_{-1} + v^{-3}z^3t_{-2}^2 - v^{-2}z^4t_{-2}t_{-1}^2 + 2v^{-2}z^2t_{-2}t_{-1}^2 - v^{-1}z^3t_{-1}^4$

$HSM(5_{78}) = v^{-1}zt_{-1}t_2 + v^2t_1 - z^2t_1$

$HSM(\overline{5_{78}}) = -v^{-1}zt_{-2}t_1 + z^2t_{-1}^2t_1 - z^2t_{-1} + v^{-2}t_{-1}$

$HSM(5_{79}) = v^3zt_{-1}t_3 + v^2z^2t_2 + v^2t_2$

$HSM(\overline{5_{79}}) = -v^{-7}zt_{-3}t_1 + 2v^{-6}z^2t_{-2}t_{-1}t_1 + v^{-4}z^2t_{-2} + v^{-4}t_{-2} - v^{-5}z^3t_{-1}^3t_1 - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2$

$HSM(5_{80}) = v^{-4}z^2t_{-4} + v^{-4}t_{-4} - v^{-3}z^3t_{-3}t_{-1} - 2v^{-3}zt_{-3}t_{-1}$

$HSM(\overline{5_{80}}) = vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 - v^{-1}z^3t_1t_3 - v^{-1}z^3t_2^2 - v^{-1}zt_2^2 + v^{-2}z^2t_4 + v^{-2}t_4$

$HSM(5_{81}) = v^3zt_2^2 + v^2z^2t_4 + v^2t_4$

$HSM(\overline{5_{81}}) = v^{-8}z^2t_{-4} + v^{-8}t_{-4} - 2v^{-7}z^3t_{-3}t_{-1} - 2v^{-7}zt_{-3}t_{-1} - v^{-7}z^3t_{-2}^2 - 2v^{-7}zt_{-2}^2 + 3v^{-6}z^4t_{-2}t_{-1}^2 + 5v^{-6}z^2t_{-2}t_{-1}^2 - v^{-5}z^5t_{-1}^4 - 2v^{-5}z^3t_{-1}^4$

$HSM(5_{82}) = vzt_2^2 + v^2t_4$

$HSM(\overline{5_{82}}) = v^{-8}t_{-4} - 2v^{-7}zt_{-3}t_{-1} - v^{-5}zt_{-2}^2 - v^{-7}zt_{-2}^2 + 2v^{-4}z^2t_{-2}t_{-1}^2 + 3v^{-6}z^2t_{-2}t_{-1}^2 - v^{-3}z^3t_{-1}^4 - v^{-5}z^3t_{-1}^4$

$HSM(5_{83}) = v^{-1}z^3t_{-2}t_1^3 - 2v^{-2}z^2t_{-2}t_1t_2 + v^{-3}zt_{-2}t_3 + v^2t_1$

$HSM(\overline{5_{83}}) = v^{-2}z^2t_{-3}t_1^2 - v^{-3}zt_{-3}t_2 + v^{-2}t_{-1}$

$HSM(5_{84}) = -v^{-1}zt_3^2 + v^{-2}t_6$

$HSM(\overline{5_{84}}) = -2v^{-7}zt_{-5}t_{-1} - 2v^{-7}zt_{-4}t_{-2} + 3v^{-6}z^2t_{-4}t_{-1}^2 + 2v^{-6}z^2t_{-3}t_{-2}t_{-1} - 2v^{-5}z^3t_{-3}t_{-1}^3 + v^{-6}z^2t_{-2}^3 - 2v^{-5}z^3t_{-2}^2t_{-1}^2 + v^{-4}z^4t_{-2}t_{-1}^4 + v^{-8}t_6$

$HSM(5_{85}) = t_6$

$HSM(\overline{5_{85}}) = -2v^{-9}zt_{-5}t_{-1} - 2v^{-9}zt_{-4}t_{-2} + 3v^{-8}z^2t_{-4}t_{-1}^2 - v^{-9}zt_{-3}^2 + 6v^{-8}z^2t_{-3}t_{-2}t_{-1} - 4v^{-7}z^3t_{-3}t_{-1}^3 + v^{-8}z^2t_{-2}^3 - 6v^{-7}z^3t_{-2}^2t_{-1}^2 + 5v^{-6}z^4t_{-2}t_{-1}^4 - v^{-5}z^5t_{-1}^6 + v^{-10}t_6$

$HSM(5_{86}) = v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz - 2vz^{-1} + 2v^{-1}z + 3v^{-1}z^{-1} - v^{-3}z - v^{-3}z^{-1}$

$HSM(\overline{5_{86}}) = -vz^3t_{-1}t_1 - vzt_{-1}t_1 + v^3z + v^3z^{-1} - 2vz - 3vz^{-1} + v^{-1}z + 2v^{-1}z^{-1}$

$HSM(5_{87}) = v^5zt_1^2 + v^3zt_1^2 + v^4z^2t_2 + v^4t_2 + v^2z^2t_2$

$HSM(\overline{5_{87}}) = v^{-4}z^2t_{-2} + v^{-6}z^2t_{-2} + v^{-6}t_{-2} - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - 2v^{-5}zt_{-1}^2$

$HSM(5_{88}) = v^5zt_1^2 + v^4z^2t_2 + v^2z^2t_2 + v^2t_2$

$HSM(\overline{5_{88}}) = v^{-4}z^2t_{-2} + v^{-4}t_{-2} + v^{-6}z^2t_{-2} - v^{-3}z^3t_{-1}^2 - v^{-3}zt_{-1}^2 - v^{-5}z^3t_{-1}^2 - v^{-5}zt_{-1}^2$

$HSM(5_{89}) = v^3z^3t_{-1}t_1 + v^3zt_{-1}t_1 + v^7z^{-1} - 2v^5z - 3v^5z^{-1} + 2v^3z + 2v^3z^{-1}$

$HSM(\overline{5_{89}}) = -v^{-3}z^3t_{-1}t_1 - v^{-3}zt_{-1}t_1 - 2v^{-3}z - 2v^{-3}z^{-1} + 2v^{-5}z + 3v^{-5}z^{-1} - v^{-7}z^{-1}$

$HSM(5_{90}) = v^5zt_{-1}t_1 + v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z^{-1} + vz$

$HSM(\overline{5_{90}}) = -v^{-3}zt_{-1}t_1 - v^{-5}zt_{-1}t_1 - v^{-1}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$

$HSM(5_{91}) = v^5zt_{-1}t_1 - v^5z - v^3z^{-1} + vz + vz^{-1}$

$HSM(\overline{5_{91}}) = -v^{-5}zt_{-1}t_1 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z^{-1} + v^{-5}z$

$HSM(5_{92}) = v^3zt_{-1}t_2 - v^6t_1 + v^4z^2t_1 + 2v^4t_1 + v^2z^2t_1$

$HSM(\overline{5_{92}}) = -v^{-5}zt_{-2}t_1 + v^{-4}z^2t_{-1}^2t_1 + v^{-2}z^2t_{-1} + v^{-4}z^2t_{-1} + 2v^{-4}t_{-1} - v^{-6}t_{-1}$

$HSM(5_{93}) = v^5z^3t_1^2 + 2v^5zt_1^2 + v^4z^4t_2 + 3v^4z^2t_2 + v^4t_2$
$HSM(\overline{5_{93}}) = v^{-6}z^4t_{-2} + 3v^{-6}z^2t_{-2} + v^{-6}t_{-2} - v^{-5}z^5t_{-1}^2 - 4v^{-5}z^3t_{-1}^2 - 3v^{-5}zt_{-1}^2$
$HSM(5_{94}) = v^5z^3t_{-1}t_1 + 2v^5zt_{-1}t_1 - v^5z^3 - 3v^5z - v^5z^{-1} + v^3z^3 + 3v^3z + v^3z^{-1}$
$HSM(\overline{5_{94}}) = -v^{-5}z^3t_{-1}t_1 - 2v^{-5}zt_{-1}t_1 - v^{-3}z^3 - 3v^{-3}z - v^{-3}z^{-1} + v^{-5}z^3 + 3v^{-5}z + v^{-5}z^{-1}$
$HSM(5_{95}) = v^5z^3t_{-1}t_1 + v^5zt_{-1}t_1 + v^7z^{-1} - v^5z^3 - 3v^5z - 3v^5z^{-1} + v^3z^3 + 3v^3z + 2v^3z^{-1}$
$HSM(\overline{5_{95}}) = -v^{-5}z^3t_{-1}t_1 - v^{-5}zt_{-1}t_1 - v^{-3}z^3 - 3v^{-3}z - 2v^{-3}z^{-1} + v^{-5}z^3 + 3v^{-5}z + 3v^{-5}z^{-1} - v^{-7}z^{-1}$

Knots in $L(p,1)$, $p \geq 13$

$HSM(0_1) = t_1$
$HSM(1_1) = t_2$
$HSM(\overline{1_1}) = v^{-2}t_2 - v^{-1}zt_1^2$
$HSM(2_1) = vzt_{-1}t_1 - v^3z^{-1} + vz^{-1}$
$HSM(\overline{2_1}) = -v^{-1}zt_{-1}t_1 - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(*2_2) = -v^{-1}zt_1t_2 + v^{-2}t_3$
$HSM(2_3) = t_3$
$HSM(\overline{2_3}) = v^{-2}z^2t_1^3 - 2v^{-3}zt_1t_2 + v^{-4}t_3$
$HSM(3_1) = vzt_{-1}t_2 + v^2t_1$
$HSM(\overline{3_1}) = v^{-2}z^2t_{-1}t_1^2 - v^{-3}zt_{-1}t_2 + v^{-2}t_1$
$HSM(3_2) = v^{-2}z^2t_1^2t_2 - v^{-3}zt_1t_3 - v^{-3}zt_2^2 + v^{-4}t_4$
$HSM(\overline{3_2}) = -v^{-1}zt_1t_3 + v^{-2}t_4$
$HSM(3_3) = vzt_1^2 + v^2t_2$
$HSM(\overline{3_3}) = -v^{-1}zt_1^2 - v^{-3}zt_1^2 + v^{-4}t_2$
$HSM(3_4) = -z^2t_{-1}t_1^2 + v^{-1}zt_{-1}t_2 + v^2t_1$
$HSM(\overline{3_4}) = -v^{-1}zt_{-1}t_2 + v^{-2}t_1$
$HSM(3_5) = -v^{-1}zt_2^2 + v^{-2}t_4$
$HSM(\overline{3_5}) = v^{-2}z^2t_1^2t_2 - 2v^{-3}zt_1t_3 + v^{-4}t_4$
$HSM(3_6) = t_4$
$HSM(\overline{3_6}) = -v^{-3}z^3t_1^4 + 3v^{-4}z^2t_1^2t_2 - 2v^{-5}zt_1t_3 - v^{-5}zt_2^2 + v^{-6}t_4$
$HSM(3_7) = v^3zt_1^2 + v^2z^2t_2 + v^2t_2$
$HSM(\overline{3_7}) = -v^{-3}z^3t_1^2 - 2v^{-3}zt_1^2 + v^{-4}z^2t_2 + v^{-4}t_2$
$HSM(3_8) = v^3zt_{-1}t_1 - v^3z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{3_8}) = -v^{-3}zt_{-1}t_1 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z + v^{-3}z^{-1}$
$HSM(4_1) = vzt_{-1}t_3 + v^2t_2$
$HSM(\overline{4_1}) = -v^{-3}z^3t_{-1}t_1^3 + 2v^{-4}z^2t_{-1}t_1t_2 - v^{-5}zt_{-1}t_3 - v^{-3}zt_1^2 + v^{-4}t_2$
$HSM(4_2) = -v^{-3}z^3t_1^3t_2 + v^{-4}z^2t_1^2t_3 + 2v^{-4}z^2t_1t_2^2 - v^{-5}zt_1t_4 - 2v^{-5}zt_2t_3 + v^{-6}t_5$
$HSM(\overline{4_2}) = -v^{-1}zt_1t_4 + v^{-2}t_5$
$HSM(4_3) = v^2z^2t_{-1}t_1^2 - v^4t_1 + 2v^2t_1$
$HSM(\overline{4_3}) = v^{-2}z^2t_{-1}t_1^2 + 2v^{-2}t_1 - v^{-4}t_1$
$HSM(4_4) = -z^2t_{-1}t_1t_2 + v^{-1}zt_{-1}t_3 - vzt_1^2 + t_2$
$HSM(\overline{4_4}) = v^{-2}z^2t_{-1}t_1t_2 - v^{-3}zt_{-1}t_3 + v^{-2}t_2$
$HSM(4_5) = v^{-2}z^2t_1t_2^2 - 2v^{-3}zt_2t_3 + v^{-4}t_5$
$HSM(\overline{4_5}) = v^{-2}z^2t_1^2t_3 - 2v^{-3}zt_1t_4 + v^{-4}t_5$
$HSM(4_6) = v^3z^3t_{-1}t_1 + 2v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z + v^3z^{-1}$
$HSM(\overline{4_6}) = -v^{-3}z^3t_{-1}t_1 - 2v^{-3}zt_{-1}t_1 - v^{-3}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(4_7) = v^3zt_{-1}t_2 + v^2z^2t_1 + v^2t_1$
$HSM(\overline{4_7}) = v^{-4}z^2t_{-1}t_1^2 - v^{-5}zt_{-1}t_2 + v^{-2}z^2t_1 + v^{-2}t_1$
$HSM(4_8) = -v^{-3}z^3t_1t_2 - 2v^{-3}zt_1t_2 + v^{-4}z^2t_3 + v^{-4}t_3$
$HSM(\overline{4_8}) = -v^2z^2t_1^3 - vz^3t_1t_2 + z^2t_3 + t_3$

$HSM(4_9) = -v^{-3}zt_1^2 + v^{-2}z^2t_2 + v^{-2}t_2$
$HSM(\overline{4_9}) = v^3zt_1^2 - vz^3t_1^2 - vzt_1^2 + z^2t_2 + t_2$
$HSM(4_{10}) = v^3zt_{-1}t_1 + vzt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{4_{10}}) = -v^{-1}zt_{-1}t_1 - v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(4_{11}) = -z^2t_1^3 - vzt_1t_2 + v^{-1}zt_1t_2 + t_3$
$HSM(\overline{4_{11}}) = -v^{-1}zt_1t_2 - v^{-3}zt_1t_2 + v^{-4}t_3$
$HSM(4_{12}) = -z^2t_{-1}t_1t_2 + v^{-1}zt_{-1}t_3 + v^2t_2$
$HSM(\overline{4_{12}}) = v^{-2}z^2t_{-1}t_1t_2 - v^{-3}zt_{-1}t_3 - v^{-3}zt_1^2 + v^{-4}t_2$
$HSM(*4_{13}) = -z^2t_{-1}t_1^2 + v^2t_1 - t_1 + v^{-2}t_1$
$HSM(*4_{14}) = v^{-2}z^2t_1t_2^2 - v^{-3}zt_1t_4 - v^{-3}zt_2t_3 + v^{-4}t_5$
$HSM(4_{15}) = -v^{-1}zt_{-2}t_2 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(\overline{4_{15}}) = -v^{-2}z^2t_{-2}t_1^2 + v^{-3}zt_{-2}t_2 + v^{-1}z^3t_{-1}^2t_1^2 - v^{-2}z^2t_{-1}^2t_2 - vzt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(4_{16}) = vzt_1t_2 + v^2t_3$
$HSM(\overline{4_{16}}) = v^{-2}z^2t_1^3 + v^{-4}z^2t_1^3 - v^{-3}zt_1t_2 - 2v^{-5}zt_1t_2 + v^{-6}t_3$
$HSM(4_{17}) = v^{-1}z^3t_{-1}t_1^3 - 2v^{-2}z^2t_{-1}t_1t_2 + v^{-3}zt_{-1}t_3 - vzt_1^2 + t_2$
$HSM(\overline{4_{17}}) = -v^{-1}zt_{-1}t_3 + v^{-2}t_2$
$HSM(4_{18}) = -v^{-1}zt_2t_3 + v^{-2}t_5$
$HSM(\overline{4_{18}}) = -v^{-3}z^3t_1^3t_2 + 2v^{-4}z^2t_1^2t_3 + v^{-4}z^2t_1t_2^2 - 2v^{-5}zt_1t_4 - v^{-5}zt_2t_3 + v^{-6}t_5$
$HSM(4_{19}) = v^{-2}z^2t_{-2}t_1^2 - v^{-3}zt_{-2}t_2 - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(\overline{4_{19}}) = -z^2t_{-2}t_1^2 + v^{-1}zt_{-2}t_2 - v^3z^{-1} + vz^{-1}$
$HSM(4_{20}) = vzt_{-2}t_2 + v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{4_{20}}) = v^{-4}z^2t_{-2}t_1^2 - v^{-5}zt_{-2}t_2 - v^{-3}z^3t_{-1}^2t_1^2 + v^{-4}z^2t_{-1}^2t_2 - v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$
$HSM(*4_{21}) = v^{-2}z^2t_1^2t_3 - v^{-3}zt_1t_4 - v^{-3}zt_2t_3 + v^{-4}t_5$
$HSM(4_{22}) = v^3zt_1t_2 + v^2z^2t_3 + v^2t_3$
$HSM(\overline{4_{22}}) = v^{-4}z^4t_1^3 + 2v^{-4}z^2t_1^3 - 2v^{-5}z^3t_1t_2 - 3v^{-5}zt_1t_2 + v^{-6}z^2t_3 + v^{-6}t_3$
$HSM(4_{23}) = -v^{-3}zt_{-1}t_2 + v^{-2}z^2t_1 + v^{-2}t_1$
$HSM(\overline{4_{23}}) = -v^2z^2t_{-1}t_1^2 + vzt_{-1}t_2 + v^2z^2t_1 + v^2t_1$
$HSM(4_{24}) = t_5$
$HSM(\overline{4_{24}}) = v^{-4}z^4t_1^5 - 4v^{-5}z^3t_1^3t_2 + 3v^{-6}z^2t_1^2t_3 + 3v^{-6}z^2t_1t_2^2 - 2v^{-7}zt_1t_4 - 2v^{-7}zt_2t_3 + v^{-8}t_5$
$HSM(4_{25}) = v^{-1}zt_{-1}t_1 - v^3z^{-1} + vz + vz^{-1} - v^{-1}z$
$HSM(\overline{4_{25}}) = -vzt_{-1}t_1 + vz - v^{-1}z - v^{-1}z^{-1} + v^{-3}z^{-1}$
$HSM(4_{26}) = -vzt_1^2 - z^2t_2 + v^{-2}t_2$
$HSM(\overline{4_{26}}) = -vzt_1^2 + v^{-1}z^3t_1^2 + v^{-1}zt_1^2 + t_2 - v^{-2}z^2t_2$
$HSM(*4_{27}) = z^2t_1^3 + v^{-1}z^3t_1t_2 - v^{-1}zt_1t_2 - v^{-2}z^2t_3 + v^{-2}t_3$
$HSM(5_1) = v^4z^2t_{-1}t_1^2 + v^3z^3t_{-1}t_2 + v^3zt_{-1}t_2 - v^6t_1 + v^4z^2t_1 + 2v^4t_1$
$HSM(\overline{5_1}) = v^{-4}z^4t_{-1}t_1^2 + 2v^{-4}z^2t_{-1}t_1^2 - v^{-5}z^3t_{-1}t_2 - v^{-5}zt_{-1}t_2 + v^{-4}z^2t_1 + 2v^{-4}t_1 - v^{-6}t_1$
$HSM(5_2) = -v^2z^2t_{-1}t_1t_2 + vzt_{-1}t_3 + v^2z^2t_2 + v^2t_2$
$HSM(\overline{5_2}) = v^{-4}z^2t_{-1}t_1t_2 - v^{-5}zt_{-1}t_3 - v^{-3}z^3t_1^2 - v^{-3}zt_1^2 + v^{-4}z^2t_2 + v^{-4}t_2$
$HSM(5_3) = -v^{-2}z^2t_{-1}t_1^2 + t_1 + v^{-2}z^2t_1$
$HSM(\overline{5_3}) = -v^2z^2t_{-1}t_1^2 + v^2z^2t_1 + t_1$
$HSM(5_4) = v^{-4}z^4t_1^2t_2 + 2v^{-4}z^2t_1^2t_2 - v^{-5}z^3t_1t_3 - 2v^{-5}zt_1t_3 - v^{-5}z^3t_2^2 - v^{-5}zt_2^2 + v^{-6}z^2t_4 + v^{-6}t_4$
$HSM(\overline{5_4}) = -v^2z^2t_1^2t_2 - vz^3t_1t_3 + z^2t_4 + t_4$
$HSM(5_5) = vzt_{-1}t_4 + v^2t_3$
$HSM(\overline{5_5}) = v^{-4}z^4t_{-1}t_1^4 - 3v^{-5}z^3t_{-1}t_1^2t_2 + 2v^{-6}z^2t_{-1}t_1t_3 + v^{-6}z^2t_{-1}t_2^2 - v^{-7}zt_{-1}t_4 + v^{-4}z^2t_1^3 - 2v^{-5}zt_1t_2 + v^{-6}t_3$
$HSM(5_6) = v^{-4}z^4t_1^4t_2 - v^{-5}z^3t_1^3t_3 - 3v^{-5}z^3t_1^2t_2^2 + v^{-6}z^2t_1^2t_4 + 4v^{-6}z^2t_1t_2t_3 - v^{-7}zt_1t_5 + v^{-6}z^2t_2^3 - 2v^{-7}zt_2t_4 - v^{-7}zt_3^2 + v^{-8}t_6$
$HSM(\overline{5_6}) = -v^{-1}zt_1t_5 + v^{-2}t_6$
$HSM(5_7) = v^2z^2t_{-1}^2t_2 + 2v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$
$HSM(\overline{5_7}) = v^{-4}z^2t_{-2}t_1^2 - v^{-3}z^3t_{-1}^2t_1^2 - 2v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$

$HSM(5_8) = -z^2t_{-1}t_1t_3 + v^{-1}zt_{-1}t_4 - vzt_1t_2 + t_3$
$HSM(\overline{5_8}) = -v^{-3}z^3t_{-1}t_1^2t_2 + v^{-4}z^2t_{-1}t_1t_3 + v^{-4}z^2t_{-1}t_2^2 - v^{-5}zt_{-1}t_4 - v^{-3}zt_1t_2 + v^{-4}t_3$
$HSM(5_9) = -v^{-3}z^3t_1^2t_2^2 + 2v^{-4}z^2t_1t_2t_3 + v^{-4}z^2t_2^3 - 2v^{-5}zt_2t_4 - v^{-5}zt_3^2 + v^{-6}t_6$
$HSM(\overline{5_9}) = v^{-2}z^2t_1^2t_4 - 2v^{-3}zt_1t_5 + v^{-4}t_6$
$HSM(5_{10}) = v^2z^2t_{-1}t_1^2 + v^3zt_{-1}t_2 + v^2t_1$
$HSM(\overline{5_{10}}) = v^{-2}z^2t_{-1}t_1^2 + v^{-4}z^2t_{-1}t_1^2 - v^{-5}zt_{-1}t_2 + v^{-2}t_1$
$HSM(5_{11}) = -vz^3t_{-1}t_1^3 + z^2t_{-1}t_1t_2 + v^3zt_1^2 - vzt_1^2 + t_2$
$HSM(\overline{5_{11}}) = v^{-2}z^2t_{-1}t_1t_2 - v^{-3}zt_1^2 + v^{-2}t_2$
$HSM(5_{12}) = -z^2t_{-1}t_2^2 + v^{-1}zt_{-1}t_4 - vzt_1t_2 + t_3$
$HSM(\overline{5_{12}}) = -v^{-3}z^3t_{-1}t_1^2t_2 + 2v^{-4}z^2t_{-1}t_1t_3 - v^{-5}zt_{-1}t_4 - v^{-3}zt_1t_2 + v^{-4}t_3$
$HSM(5_{13}) = -z^2t_{-1}^2t_2 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(\overline{5_{13}}) = -v^{-2}z^2t_{-2}t_1^2 + v^{-1}z^3t_{-1}^2t_1^2 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z^{-1}$
$HSM(5_{14}) = v^{-1}z^3t_{-1}t_1^2t_2 - v^{-2}z^2t_{-1}t_1t_3 - v^{-2}z^2t_{-1}t_2^2 + v^{-3}zt_{-1}t_4 - vzt_1t_2 + t_3$
$HSM(\overline{5_{14}}) = v^{-2}z^2t_{-1}t_1t_3 - v^{-3}zt_{-1}t_4 - v^{-3}zt_1t_2 + v^{-4}t_3$
$HSM(5_{15}) = -v^{-3}z^3t_1^2t_2^2 + 3v^{-4}z^2t_1t_2t_3 - v^{-5}zt_1t_5 - v^{-5}zt_2t_4 - v^{-5}zt_3^2 + v^{-6}t_6$
$HSM(\overline{5_{15}}) = v^{-2}z^2t_1t_2t_3 - v^{-3}zt_1t_5 - v^{-3}zt_2t_4 + v^{-4}t_6$
$HSM(5_{16}) = v^{-2}z^2t_{-2}t_1t_2 - v^{-3}zt_{-2}t_3 + v^{-2}t_1$
$HSM(\overline{5_{16}}) = -v^{-2}z^2t_{-2}t_1t_2 + v^{-3}zt_{-2}t_3 + v^{-1}z^3t_{-1}^2t_1t_2 - v^{-2}z^2t_{-1}^2t_3 + v^2t_1$
$HSM(5_{17}) = v^{-2}z^2t_1^2t_2 + v^{-4}z^2t_1^2t_2 - v^{-3}zt_1t_3 - v^{-5}zt_1t_3 - v^{-5}zt_2^2 + v^{-6}t_4$
$HSM(\overline{5_{17}}) = -z^2t_1^2t_2 - vzt_1t_3 + v^{-1}zt_1t_3 + t_4$
$HSM(5_{18}) = v^2z^2t_{-1}t_1t_2 + v^3zt_1^2 + v^2t_2$
$HSM(\overline{5_{18}}) = -v^{-3}z^3t_{-1}t_1^3 + v^{-4}z^2t_{-1}t_1t_2 - 2v^{-3}zt_1^2 + v^{-4}t_2$
$HSM(5_{19}) = v^{-1}z^3t_{-1}t_1^2t_2 - v^{-2}z^2t_{-1}t_1t_3 - v^{-2}z^2t_{-1}t_2^2 + v^{-3}zt_{-1}t_4 + z^2t_1^3 - 2v^{-1}zt_1t_2 + v^{-2}t_3$
$HSM(\overline{5_{19}}) = v^{-2}z^2t_{-1}t_1t_3 - v^{-3}zt_{-1}t_4 + v^{-2}t_3$
$HSM(5_{20}) = v^{-2}z^2t_1t_2t_3 - v^{-3}zt_2t_4 - v^{-3}zt_3^2 + v^{-4}t_6$
$HSM(\overline{5_{20}}) = -v^{-3}z^3t_1^3t_3 + 2v^{-4}z^2t_1^2t_4 + v^{-4}z^2t_1t_2t_3 - 2v^{-5}zt_1t_5 - v^{-5}zt_2t_4 + v^{-6}t_6$
$HSM(5_{21}) = v^{-4}z^2t_{-2}t_1t_2 - v^{-5}zt_{-2}t_3 - v^{-3}z^3t_{-1}^2t_1t_2 + v^{-4}z^2t_{-1}^2t_3 - v^{-3}zt_{-1}t_2 + v^{-4}t_1$
$HSM(\overline{5_{21}}) = -z^2t_{-2}t_1t_2 + v^{-1}zt_{-2}t_3 - v^2z^2t_{-1}t_1^2 + vzt_{-1}t_2 + v^4t_1$
$HSM(5_{22}) = -v^{-1}zt_{-1}t_3 + v^{-1}zt_1^2 + t_2$
$HSM(\overline{5_{22}}) = v^{-1}z^3t_{-1}t_1^3 - 2v^{-2}z^2t_{-1}t_1t_2 + v^{-3}zt_{-1}t_3 - vzt_1^2 - v^{-1}zt_1^2 + v^{-2}t_2$
$HSM(5_{23}) = -v^{-2}z^2t_{-1}t_1^2 + v^{-3}zt_{-1}t_2 + 2t_1 - v^{-2}t_1$
$HSM(\overline{5_{23}}) = -vzt_{-1}t_2 - v^2t_1 + 2t_1$
$HSM(5_{24}) = vzt_1t_3 - vzt_2^2 + t_4$
$HSM(\overline{5_{24}}) = -v^{-3}z^3t_1^4 + 3v^{-4}z^2t_1^2t_2 - 3v^{-5}zt_1t_3 + v^{-6}t_4$
$HSM(5_{25}) = v^3zt_{-1}t_3 + v^3z^3t_1^2 + v^3zt_1^2 + v^4z^2t_2 + v^4t_2$
$HSM(\overline{5_{25}}) = -v^{-5}z^3t_{-1}t_1^3 + 2v^{-6}z^2t_{-1}t_1t_2 - v^{-7}zt_{-1}t_3 - v^{-3}z^3t_1^2 - v^{-3}zt_1^2 - v^{-5}z^3t_1^2 - v^{-5}zt_1^2 + v^{-6}z^2t_2 + v^{-6}t_2$
$HSM(5_{26}) = -v^2z^4t_{-1}t_1^2 - v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + vzt_{-1}t_2 + v^4z^2t_1 + v^2t_1$
$HSM(\overline{5_{26}}) = -v^{-3}z^3t_{-1}t_2 - v^{-3}zt_{-1}t_2 + v^{-2}t_1 + v^{-4}z^2t_1$
$HSM(5_{27}) = -v^2z^4t_{-1}t_1^2 - v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + vzt_{-1}t_2 + v^4z^2t_1 + v^2t_1$
$HSM(\overline{5_{27}}) = -v^{-3}z^3t_{-1}t_2 - v^{-3}zt_{-1}t_2 + v^{-2}t_1 + v^{-4}z^2t_1$
$HSM(5_{28}) = -v^{-3}zt_1t_3 - v^{-3}z^3t_2^2 - v^{-3}zt_2^2 + v^{-4}z^2t_4 + v^{-4}t_4$
$HSM(\overline{5_{28}}) = vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 - 2v^{-1}z^3t_1t_3 - v^{-1}zt_1t_3 + v^{-2}z^2t_4 + v^{-2}t_4$
$HSM(5_{29}) = -vz^3t_{-1}t_1 - vzt_{-1}t_1 + v^{-1}zt_{-1}t_1 + v^3z - vz - vz^{-1} + v^{-1}z^{-1}$
$HSM(\overline{5_{29}}) = -vzt_{-1}t_1 + v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz^{-1} + v^{-1}z + v^{-1}z^{-1} - v^{-3}z$
$HSM(5_{30}) = -vzt_{-1}t_2 - z^2t_1 + v^{-2}t_1$
$HSM(\overline{5_{30}}) = -v^{-2}z^2t_{-1}t_1^2 + v^{-3}zt_{-1}t_2 + v^2t_1 - z^2t_1$
$HSM(5_{31}) = z^4t_{-1}t_1^2 + z^2t_{-1}t_1^2 - v^{-1}z^3t_{-1}t_2 - v^2z^2t_1 + t_1$
$HSM(\overline{5_{31}}) = z^2t_{-1}t_1^2 + v^{-1}z^3t_{-1}t_2 + t_1 - v^{-2}z^2t_1$
$HSM(5_{32}) = -vzt_1t_2 + v^{-1}z^3t_1t_2 + v^{-1}zt_1t_2 + t_3 - v^{-2}z^2t_3$

$HSM(\overline{5_{32}}) = z^2t_1^3 + v^{-1}z^3t_1t_2 - v^{-1}zt_1t_2 - v^{-3}zt_1t_2 - v^{-2}z^2t_3 + v^{-4}t_3$
$HSM(5_{33}) = v^{-1}zt_1^2 + v^2t_2 - z^2t_2$
$HSM(\overline{5_{33}}) = -vzt_1^2 + v^{-1}z^3t_1^2 - v^{-3}zt_1^2 - v^{-2}z^2t_2 + v^{-4}t_2$
$HSM(5_{34}) = z^2t_1^2t_2 - v^{-1}zt_1t_3 + v^{-1}z^3t_2^2 - v^{-2}z^2t_4 + v^{-2}t_4$
$HSM(\overline{5_{34}}) = -v^{-1}z^3t_1^4 - v^{-2}z^4t_1^2t_2 + 2v^{-2}z^2t_1^2t_2 + 2v^{-3}z^3t_1t_3 - v^{-3}zt_1t_3 - v^{-3}zt_2^2 - v^{-4}z^2t_4 + v^{-4}t_4$
$HSM(5_{35}) = v^3zt_{-2}t_2 + v^3z^3t_{-1}t_1 + v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z + v^3z^{-1}$
$HSM(\overline{5_{35}}) = v^{-6}z^2t_{-2}t_1^2 - v^{-7}zt_{-2}t_2 - v^{-5}z^3t_{-1}^2t_1^2 + v^{-6}z^2t_{-1}^2t_2 - v^{-3}z^3t_{-1}t_1 - v^{-3}zt_{-1}t_1 - v^{-3}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(5_{36}) = v^3zt_1t_2 - vz^3t_1t_2 - vzt_1t_2 + z^2t_3 + t_3$
$HSM(\overline{5_{36}}) = v^{-4}z^2t_1^3 - v^{-3}z^3t_1t_2 - v^{-3}zt_1t_2 - v^{-5}zt_1t_2 + v^{-4}z^2t_3 + v^{-4}t_3$
$HSM(5_{37}) = v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - v^{-3}zt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$
$HSM(\overline{5_{37}}) = v^3zt_{-1}t_1 - vz^3t_{-1}t_1 - vzt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$
$HSM(5_{38}) = -v^2z^2t_{-2}t_1^2 + vzt_{-2}t_2 - v^3z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{5_{38}}) = v^{-4}z^2t_{-2}t_1^2 - v^{-5}zt_{-2}t_2 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z + v^{-3}z^{-1}$
$HSM(5_{39}) = -v^{-3}zt_1t_2 + v^{-2}z^2t_3 + v^{-2}t_3$
$HSM(\overline{5_{39}}) = -v^2z^2t_1^3 + z^4t_1^3 + z^2t_1^3 + vzt_1t_2 - 2v^{-1}z^3t_1t_2 - 2v^{-1}zt_1t_2 + v^{-2}z^2t_3 + v^{-2}t_3$
$HSM(5_{40}) = v^3z^3t_{-1}t_2 + 2v^3zt_{-1}t_2 + v^4z^2t_1 + v^4t_1$
$HSM(\overline{5_{40}}) = v^{-4}z^4t_{-1}t_1^2 + 2v^{-4}z^2t_{-1}t_1^2 - v^{-5}z^3t_{-1}t_2 - 2v^{-5}zt_{-1}t_2 + v^{-4}z^2t_1 + v^{-4}t_1$
$HSM(5_{41}) = v^{-4}z^4t_1^2t_2 + 2v^{-4}z^2t_1^2t_2 - v^{-5}z^3t_1t_3 - v^{-5}zt_1t_3 - v^{-5}z^3t_2^2 - 2v^{-5}zt_2^2 + v^{-6}z^2t_4 + v^{-6}t_4$
$HSM(\overline{5_{41}}) = -v^2z^2t_1^2t_2 - vz^3t_1t_3 - vzt_1t_3 + vzt_2^2 + z^2t_4 + t_4$
$HSM(5_{42}) = v^3zt_{-1}t_2 + vzt_{-1}t_2 + v^4t_1$
$HSM(\overline{5_{42}}) = v^{-2}z^2t_{-1}t_1^2 + v^{-4}z^2t_{-1}t_1^2 - v^{-3}zt_{-1}t_2 - v^{-5}zt_{-1}t_2 + v^{-4}t_1$
$HSM(5_{43}) = v^{-1}z^3t_1^4 + z^2t_1^2t_2 - 2v^{-2}z^2t_1^2t_2 - v^{-1}zt_1t_3 + v^{-3}zt_1t_3 - v^{-1}zt_2^2 + v^{-2}t_4$
$HSM(\overline{5_{43}}) = -v^{-1}zt_1t_3 - v^{-3}zt_1t_3 + v^{-4}t_4$
$HSM(5_{44}) = -z^2t_{-1}t_1t_3 + v^{-1}zt_{-1}t_4 + v^2t_3$
$HSM(\overline{5_{44}}) = -v^{-3}z^3t_{-1}t_1^2t_2 + v^{-4}z^2t_{-1}t_1t_3 + v^{-4}z^2t_{-1}t_2^2 - v^{-5}zt_{-1}t_4 + v^{-4}z^2t_1^3 - 2v^{-5}zt_1t_2 + v^{-6}t_3$
$HSM(5_{45}) = v^{-1}z^3t_{-1}t_1^3 - v^{-2}z^2t_{-1}t_1t_2 - vzt_1^2 + v^{-1}zt_1^2 + t_2$
$HSM(\overline{5_{45}}) = -z^2t_{-1}t_1t_2 - vzt_1^2 + v^{-2}t_2$
$HSM(5_{46}) = -z^2t_{-2}t_1t_2 + v^{-1}zt_{-2}t_3 + v^2t_1$
$HSM(\overline{5_{46}}) = v^{-4}z^2t_{-2}t_1t_2 - v^{-5}zt_{-2}t_3 - v^{-3}z^3t_{-1}^2t_1t_2 + v^{-4}z^2t_{-1}^2t_3 + v^{-2}t_1$
$HSM(5_{47}) = -v^{-3}z^3t_1^2t_2^2 + v^{-4}z^2t_1^2t_4 + v^{-4}z^2t_1t_2t_3 - v^{-5}zt_1t_5 + v^{-4}z^2t_2^2 - 2v^{-5}zt_2t_4 + v^{-6}t_6$
$HSM(\overline{5_{47}}) = v^{-2}z^2t_1t_2t_3 - v^{-3}zt_1t_5 - v^{-3}zt_3^2 + v^{-4}t_6$
$HSM(5_{48}) = -v^{-1}zt_{-2}t_3 + v^{-1}zt_{-1}t_2 + t_1$
$HSM(\overline{5_{48}}) = v^{-3}z^3t_{-2}t_1^3 - 2v^{-4}z^2t_{-2}t_1t_2 + v^{-5}zt_{-2}t_3 - v^{-2}z^4t_{-1}^2t_1^3 + 2v^{-3}z^3t_{-1}^2t_1t_2 - v^{-4}z^2t_{-1}^2t_3 + z^2t_{-1}t_1^2 - v^{-1}zt_{-1}t_2 + t_1$
$HSM(5_{49}) = v^{-2}z^2t_1^2t_2 + v^{-4}z^2t_1^2t_2 - v^{-5}zt_1t_3 - v^{-3}zt_2^2 - v^{-5}zt_2^2 + v^{-6}t_4$
$HSM(\overline{5_{49}}) = -z^2t_1^2t_2 - vzt_1t_3 + v^{-1}zt_2^2 + t_4$
$HSM(5_{50}) = v^3z^3t_1^2 + 2v^3zt_1^2 + v^4z^2t_2 + v^4t_2$
$HSM(\overline{5_{50}}) = -v^{-3}z^3t_1^2 - 2v^{-3}zt_1^2 - v^{-5}z^3t_1^2 - v^{-5}zt_1^2 + v^{-6}z^2t_2 + v^{-6}t_2$
$HSM(5_{51}) = v^4z^2t_{-1}t_1^2 - v^6t_1 + v^4t_1 + v^2z^2t_1 + v^2t_1$
$HSM(\overline{5_{51}}) = v^{-4}z^2t_{-1}t_1^2 + v^{-2}z^2t_1 + v^{-2}t_1 + v^{-4}t_1 - v^{-6}t_1$
$HSM(5_{52}) = -v^{-2}z^4t_{-1}t_1^2 - 2v^{-2}z^2t_{-1}t_1^2 + v^{-3}z^3t_{-1}t_2 + v^{-3}zt_{-1}t_2 + z^2t_1 + 2t_1 - v^{-2}t_1$
$HSM(\overline{5_{52}}) = -v^2z^2t_{-1}t_1^2 - vz^3t_{-1}t_2 - vzt_{-1}t_2 - v^2t_1 + z^2t_1 + 2t_1$
$HSM(5_{53}) = -v^2z^2t_1^2t_2 + vzt_1t_3 - vz^3t_2^2 - vzt_2^2 + z^2t_4 + t_4$
$HSM(\overline{5_{53}}) = v^{-4}z^4t_1^2t_2 + 2v^{-4}z^2t_1^2t_2 - 2v^{-5}z^3t_1t_3 - 3v^{-5}zt_1t_3 + v^{-6}z^2t_4 + v^{-6}t_4$
$HSM(5_{54}) = -v^{-3}z^3t_{-1}t_2 - 2v^{-3}zt_{-1}t_2 + v^{-4}z^2t_1 + v^{-4}t_1$
$HSM(\overline{5_{54}}) = -v^2z^4t_{-1}t_1^2 - 2v^2z^2t_{-1}t_1^2 + vz^3t_{-1}t_2 + 2vzt_{-1}t_2 + v^4z^2t_1 + v^4t_1$
$HSM(5_{55}) = v^{-4}z^2t_{-1}t_1t_2 - v^{-5}zt_{-1}t_3 + v^{-2}z^2t_2 + v^{-2}t_2$
$HSM(\overline{5_{55}}) = -v^2z^2t_{-1}t_1t_2 + vzt_{-1}t_3 - vz^3t_1^2 - vzt_1^2 + z^2t_2 + t_2$
$HSM(5_{56}) = -v^{-3}z^3t_2^2 - 2v^{-3}zt_2^2 + v^{-4}z^2t_4 + v^{-4}t_4$

$HSM(\overline{5_{56}}) = vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 - 2v^{-1}z^3t_1t_3 - 2v^{-1}zt_1t_3 + v^{-1}zt_2^2 + v^{-2}z^2t_4 + v^{-2}t_4$

$HSM(5_{57}) = v^3zt_1^2 + vzt_1^2 + v^4t_2$

$HSM(\overline{5_{57}}) = -v^{-1}zt_1^2 - v^{-3}zt_1^2 - v^{-5}zt_1^2 + v^{-6}t_2$

$HSM(5_{58}) = -v^2z^2t_{-1}t_1^2 - z^2t_{-1}t_1^2 + vzt_{-1}t_2 + v^{-1}zt_{-1}t_2 + v^4t_1$

$HSM(\overline{5_{58}}) = -v^{-1}zt_{-1}t_2 - v^{-3}zt_{-1}t_2 + v^{-4}t_1$

$HSM(5_{59}) = -z^2t_1^2t_2 + v^{-1}zt_1t_3 - vzt_2^2 + t_4$

$HSM(\overline{5_{59}}) = v^{-2}z^2t_1^2t_2 + v^{-4}z^2t_1^2t_2 - v^{-3}zt_1t_3 - 2v^{-5}zt_1t_3 + v^{-6}t_4$

$HSM(5_{60}) = -z^2t_{-1}t_1^2 - vzt_{-1}t_2 + v^{-2}t_1$

$HSM(\overline{5_{60}}) = -z^2t_{-1}t_1^2 - v^{-2}z^2t_{-1}t_1^2 + v^{-3}zt_{-1}t_2 + v^2t_1$

$HSM(5_{61}) = -vz^3t_{-1}^2t_1^2 + z^2t_{-1}^2t_2 + 2v^3zt_{-1}t_1 - v^5z^{-1} + v^3z^{-1}$

$HSM(\overline{5_{61}}) = v^{-2}z^2t_{-2}t_1^2 - 2v^{-3}zt_{-1}t_1 - v^{-3}z^{-1} + v^{-5}z^{-1}$

$HSM(5_{62}) = v^{-1}z^3t_{-1}t_1^2t_2 - 2v^{-2}z^2t_{-1}t_1t_3 + v^{-3}zt_{-1}t_4 - vzt_1t_2 + t_3$

$HSM(\overline{5_{62}}) = v^{-2}z^2t_{-1}t_2^2 - v^{-3}zt_{-1}t_4 - v^{-3}zt_1t_2 + v^{-4}t_3$

$HSM(5_{63}) = -z^2t_{-1}t_1t_2 + v^{-1}zt_1^2 + v^2t_2$

$HSM(\overline{5_{63}}) = v^{-1}z^3t_{-1}t_1^3 - v^{-2}z^2t_{-1}t_1t_2 - vzt_1^2 - v^{-3}zt_1^2 + v^{-4}t_2$

$HSM(5_{64}) = -v^{-2}z^2t_{-2}t_1t_2 + v^{-3}zt_{-2}t_3 + v^{-1}z^3t_{-1}^2t_1t_2 - v^{-2}z^2t_{-1}^2t_3 - vzt_{-1}t_2 + t_1$

$HSM(\overline{5_{64}}) = v^{-2}z^2t_{-2}t_1t_2 - v^{-3}zt_{-2}t_3 - v^{-2}z^2t_{-1}t_1^2 + v^{-3}zt_{-1}t_2 + t_1$

$HSM(5_{65}) = v^{-2}z^2t_2^3 - 2v^{-3}zt_2t_4 + v^{-4}t_6$

$HSM(\overline{5_{65}}) = -v^{-3}z^3t_1^2t_2^2 + v^{-4}z^2t_1^2t_4 + 2v^{-4}z^2t_1t_2t_3 - 2v^{-5}zt_1t_5 - v^{-5}zt_3^2 + v^{-6}t_6$

$HSM(5_{66}) = -v^{-1}zt_2^2 - v^{-3}zt_2^2 + v^{-4}t_4$

$HSM(\overline{5_{66}}) = v^{-1}z^3t_1^4 + z^2t_1^2t_2 - 2v^{-2}z^2t_1^2t_2 - 2v^{-1}zt_1t_3 + v^{-3}zt_2^2 + v^{-2}t_4$

$HSM(5_{67}) = vzt_1t_3 + v^2t_4$

$HSM(\overline{5_{67}}) = -v^{-3}z^3t_1^4 - v^{-5}z^3t_1^4 + 2v^{-4}z^2t_1^2t_2 + 3v^{-6}z^2t_1^2t_2 - v^{-5}zt_1t_3 - 2v^{-7}zt_1t_3 - v^{-7}zt_2^2 + v^{-8}t_4$

$HSM(5_{68}) = -v^{-2}z^4t_{-1}t_1^4 + 3v^{-3}z^3t_{-1}t_1^2t_2 - 2v^{-4}z^2t_{-1}t_1t_3 - v^{-4}z^2t_{-1}t_2^2 + v^{-5}zt_{-1}t_4 + z^2t_1^3 - 2v^{-1}zt_1t_2 + v^{-2}t_3$

$HSM(\overline{5_{68}}) = -v^{-1}zt_{-1}t_4 + v^{-2}t_3$

$HSM(5_{69}) = -v^{-1}zt_2t_4 + v^{-2}t_6$

$HSM(\overline{5_{69}}) = v^{-4}z^4t_1^4t_2 - 2v^{-5}z^3t_1^3t_3 - 2v^{-5}z^3t_1^2t_2^2 + 2v^{-6}z^2t_1^2t_4 + 4v^{-6}z^2t_1t_2t_3 - 2v^{-7}zt_1t_5 - v^{-7}zt_2t_4 - v^{-7}zt_3^2 + v^{-8}t_6$

$HSM(5_{70}) = -v^{-3}z^3t_{-2}t_1^3 + 2v^{-4}z^2t_{-2}t_1t_2 - v^{-5}zt_{-2}t_3 + v^{-2}t_1$

$HSM(\overline{5_{70}}) = v^{-1}zt_{-2}t_3 - z^2t_{-1}^2t_3 + v^2t_1$

$HSM(5_{71}) = -v^{-3}zt_{-2}t_2 + v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$

$HSM(\overline{5_{71}}) = -z^2t_{-2}t_1^2 + v^{-1}zt_{-2}t_2 + vz^3t_{-1}^2t_1^2 - z^2t_{-1}^2t_2 - vz^3t_{-1}t_1 - vzt_{-1}t_1 - vz - vz^{-1} + v^{-1}z + v^{-1}z^{-1}$

$HSM(5_{72}) = vzt_{-2}t_3 + v^3zt_{-1}t_2 + v^4t_1$

$HSM(\overline{5_{72}}) = -v^{-5}z^3t_{-2}t_1^3 + 2v^{-6}z^2t_{-2}t_1t_2 - v^{-7}zt_{-2}t_3 + v^{-4}z^4t_{-1}^2t_1^3 - 2v^{-5}z^3t_{-1}^2t_1t_2 + v^{-6}z^2t_{-1}^2t_3 + v^{-4}z^2t_{-1}t_1^2 - v^{-5}zt_{-1}t_2 + v^{-4}t_1$

$HSM(5_{73}) = -v^{-3}z^3t_1^3t_3 + v^{-4}z^2t_1^2t_4 + 2v^{-4}z^2t_1t_2t_3 - v^{-5}zt_1t_5 - v^{-5}zt_2t_4 - v^{-5}zt_3^2 + v^{-6}t_6$

$HSM(\overline{5_{73}}) = v^{-2}z^2t_1^2t_4 - v^{-3}zt_1t_5 - v^{-3}zt_2t_4 + v^{-4}t_6$

$HSM(5_{74}) = v^3zt_1t_3 + v^2z^2t_4 + v^2t_4$

$HSM(\overline{5_{74}}) = -v^{-5}z^5t_1^4 - 2v^{-5}z^3t_1^4 + 3v^{-6}z^4t_1^2t_2 + 5v^{-6}z^2t_1^2t_2 - 2v^{-7}z^3t_1t_3 - 3v^{-7}zt_1t_3 - v^{-7}z^3t_2^2 - v^{-7}zt_2^2 + v^{-8}z^2t_4 + v^{-8}t_4$

$HSM(5_{75}) = -v^{-3}zt_{-1}t_3 + v^{-2}z^2t_2 + v^{-2}t_2$

$HSM(\overline{5_{75}}) = vz^3t_{-1}t_1^3 - 2z^2t_{-1}t_1t_2 + v^{-1}zt_{-1}t_3 - vz^3t_1^2 - vzt_1^2 + z^2t_2 + t_2$

$HSM(5_{76}) = -vzt_1t_2 - z^2t_3 + v^{-2}t_3$

$HSM(\overline{5_{76}}) = z^2t_1^3 - v^{-2}z^4t_1^3 - v^{-2}z^2t_1^3 - 2v^{-1}zt_1t_2 + 2v^{-3}z^3t_1t_2 + v^{-3}zt_1t_2 + v^{-2}t_3 - v^{-4}z^2t_3$

$HSM(5_{77}) = z^2t_1^2t_2 + v^{-1}z^3t_1t_3 - v^{-1}zt_2^2 - v^{-2}z^2t_4 + v^{-2}t_4$

$HSM(\overline{5_{77}}) = -v^{-1}z^3t_1^4 - v^{-2}z^4t_1^2t_2 + 2v^{-2}z^2t_1^2t_2 + v^{-3}z^3t_1t_3 - 2v^{-3}zt_1t_3 + v^{-3}z^3t_2^2 - v^{-4}z^2t_4 + v^{-4}t_4$

$HSM(5_{78}) = v^{-1}zt_{-1}t_2 + v^2t_1 - z^2t_1$

$HSM(\overline{5_{78}}) = z^2t_{-1}t_1^2 - v^{-1}zt_{-1}t_2 - z^2t_1 + v^{-2}t_1$

$HSM(5_{79}) = v^3zt_{-1}t_3 + v^2z^2t_2 + v^2t_2$

$HSM(\overline{5_{79}}) = -v^{-5}z^3t_{-1}t_1^3 + 2v^{-6}z^2t_{-1}t_1t_2 - v^{-7}zt_{-1}t_3 - v^{-3}z^3t_1^2 - v^{-3}zt_1^2 + v^{-4}z^2t_2 + v^{-4}t_2$
$HSM(5_{80}) = -v^{-3}z^3t_1t_3 - 2v^{-3}zt_1t_3 + v^{-4}z^2t_4 + v^{-4}t_4$
$HSM(\overline{5_{80}}) = vz^3t_1^4 + z^4t_1^2t_2 - z^2t_1^2t_2 - v^{-1}z^3t_1t_3 - v^{-1}z^3t_2^2 - v^{-1}zt_2^2 + v^{-2}z^2t_4 + v^{-2}t_4$
$HSM(5_{81}) = v^3zt_2^2 + v^2z^2t_4 + v^2t_4$
$HSM(\overline{5_{81}}) = -v^{-5}z^5t_1^4 - 2v^{-5}z^3t_1^4 + 3v^{-6}z^4t_1^2t_2 + 5v^{-6}z^2t_1^2t_2 - 2v^{-7}z^3t_1t_3 - 2v^{-7}zt_1t_3 - v^{-7}z^3t_2^2 - 2v^{-7}zt_2^2 + v^{-8}z^2t_4 + v^{-8}t_4$
$HSM(5_{82}) = vzt_2^2 + v^2t_4$
$HSM(\overline{5_{82}}) = -v^{-3}z^3t_1^4 - v^{-5}z^3t_1^4 + 2v^{-4}z^2t_1^2t_2 + 3v^{-6}z^2t_1^2t_2 - 2v^{-7}zt_1t_3 - v^{-5}zt_2^2 - v^{-7}zt_2^2 + v^{-8}t_4$
$HSM(5_{83}) = v^{-1}z^3t_{-2}t_1^3 - 2v^{-2}z^2t_{-2}t_1t_2 + v^{-3}zt_{-2}t_3 + v^2t_1$
$HSM(\overline{5_{83}}) = -v^{-3}zt_{-2}t_3 + v^{-2}z^2t_{-1}^2t_3 + v^{-2}t_1$
$HSM(5_{84}) = -v^{-1}zt_3^2 + v^{-2}t_6$
$HSM(\overline{5_{84}}) = v^{-4}z^4t_1^4t_2 - 2v^{-5}z^3t_1^3t_3 - 2v^{-5}z^3t_1^2t_2^2 + 3v^{-6}z^2t_1^2t_4 + 2v^{-6}z^2t_1t_2t_3 - 2v^{-7}zt_1t_5 + v^{-6}z^2t_2^3 - 2v^{-7}zt_2t_4 + v^{-8}t_6$
$HSM(5_{85}) = t_6$
$HSM(\overline{5_{85}}) = -v^{-5}z^5t_1^6 + 5v^{-6}z^4t_1^4t_2 - 4v^{-7}z^3t_1^3t_3 - 6v^{-7}z^3t_1^2t_2^2 + 3v^{-8}z^2t_1^2t_4 + 6v^{-8}z^2t_1t_2t_3 - 2v^{-9}zt_1t_5 + v^{-8}z^2t_2^3 - 2v^{-9}zt_2t_4 - v^{-9}zt_3^2 + v^{-10}t_6$
$HSM(5_{86}) = v^{-1}z^3t_{-1}t_1 + v^{-1}zt_{-1}t_1 - vz - 2vz^{-1} + 2v^{-1}z + 3v^{-1}z^{-1} - v^{-3}z - v^{-3}z^{-1}$
$HSM(\overline{5_{86}}) = -vz^3t_{-1}t_1 - vzt_{-1}t_1 + v^3z + v^3z^{-1} - 2vz - 3vz^{-1} + v^{-1}z + 2v^{-1}z^{-1}$
$HSM(5_{87}) = v^5zt_1^2 + v^3zt_1^2 + v^4z^2t_2 + v^4t_2 + v^2z^2t_2$
$HSM(\overline{5_{87}}) = -v^{-3}z^3t_1^2 - v^{-3}zt_1^2 - v^{-5}z^3t_1^2 - 2v^{-5}zt_1^2 + v^{-4}z^2t_2 + v^{-6}z^2t_2 + v^{-6}t_2$
$HSM(5_{88}) = v^5zt_1^2 + v^4z^2t_2 + v^2z^2t_2 + v^2t_2$
$HSM(\overline{5_{88}}) = -v^{-3}z^3t_1^2 - v^{-3}zt_1^2 - v^{-5}z^3t_1^2 - v^{-5}zt_1^2 + v^{-4}z^2t_2 + v^{-4}t_2 + v^{-6}z^2t_2$
$HSM(5_{89}) = v^3z^3t_{-1}t_1 + v^3zt_{-1}t_1 + v^7z^{-1} - 2v^5z - 3v^5z^{-1} + 2v^3z + 2v^3z^{-1}$
$HSM(\overline{5_{89}}) = -v^{-3}z^3t_{-1}t_1 - v^{-3}zt_{-1}t_1 - 2v^{-3}z - 2v^{-3}z^{-1} + 2v^{-5}z + 3v^{-5}z^{-1} - v^{-7}z^{-1}$
$HSM(5_{90}) = v^5zt_{-1}t_1 + v^3zt_{-1}t_1 - v^5z - v^5z^{-1} + v^3z^{-1} + vz$
$HSM(\overline{5_{90}}) = -v^{-3}zt_{-1}t_1 - v^{-5}zt_{-1}t_1 - v^{-1}z - v^{-3}z^{-1} + v^{-5}z + v^{-5}z^{-1}$
$HSM(5_{91}) = v^5zt_{-1}t_1 - v^5z - v^3z^{-1} + vz + vz^{-1}$
$HSM(\overline{5_{91}}) = -v^{-5}zt_{-1}t_1 - v^{-1}z - v^{-1}z^{-1} + v^{-3}z^{-1} + v^{-5}z$
$HSM(5_{92}) = v^3zt_{-1}t_2 - v^6t_1 + v^4z^2t_1 + 2v^4t_1 + v^2z^2t_1$
$HSM(\overline{5_{92}}) = v^{-4}z^2t_{-1}t_1^2 - v^{-5}zt_{-1}t_2 + v^{-2}z^2t_1 + v^{-4}z^2t_1 + 2v^{-4}t_1 - v^{-6}t_1$
$HSM(5_{93}) = v^5z^3t_1^2 + 2v^5zt_1^2 + v^4z^4t_2 + 3v^4z^2t_2 + v^4t_2$
$HSM(\overline{5_{93}}) = -v^{-5}z^5t_1^2 - 4v^{-5}z^3t_1^2 - 3v^{-5}zt_1^2 + v^{-6}z^4t_2 + 3v^{-6}z^2t_2 + v^{-6}t_2$
$HSM(5_{94}) = v^5z^3t_{-1}t_1 + 2v^5zt_{-1}t_1 - v^5z^3 - 3v^5z - v^5z^{-1} + v^3z^3 + 3v^3z + v^3z^{-1}$
$HSM(\overline{5_{94}}) = -v^{-5}z^3t_{-1}t_1 - 2v^{-5}zt_{-1}t_1 - v^{-3}z^3 - 3v^{-3}z - v^{-3}z^{-1} + v^{-5}z^3 + 3v^{-5}z + v^{-5}z^{-1}$
$HSM(5_{95}) = v^5z^3t_{-1}t_1 + v^5zt_{-1}t_1 + v^7z^{-1} - v^5z^3 - 3v^5z - 3v^5z^{-1} + v^3z^3 + 3v^3z + 2v^3z^{-1}$
$HSM(\overline{5_{95}}) = -v^{-5}z^3t_{-1}t_1 - v^{-5}zt_{-1}t_1 - v^{-3}z^3 - 3v^{-3}z - 2v^{-3}z^{-1} + v^{-5}z^3 + 3v^{-5}z + 3v^{-5}z^{-1} - v^{-7}z^{-1}$

4 Extended Gauss Codes

0_1 = [1 -1 +, 1, 01]
1_1 = [1 -1 +, 0, 1]
$\overline{1_1}$ = [1 -1 -, 0, 1]
2_1 = [1 -1 2 -2 ++, 0, 2]
$\overline{2_1}$ = [1 -1 2 -2 --, 0, 2]
$^*2_2$ = [1 -1 2 -2 +-, 0, 2]
2_3 = [1 -1 -2 2 ++, 0, 2]
$\overline{2_3}$ = [1 -1 -2 2 --, 0, 2]
3_1 = [1 -1 2 3 -3 -2 +++, 0, 3]
$\overline{3_1}$ = [1 -1 2 3 -3 -2 ---, 0, 3]
3_2 = [1 -1 2 3 -3 -2 +--, 0, 3]
$\overline{3_2}$ = [1 -1 2 3 -3 -2 -++, 0, 3]
3_3 = [1 -1 2 -3 3 -2 +++, 0, 3]
$\overline{3_3}$ = [1 -1 2 -3 3 -2 ---, 0, 3]
3_4 = [1 -1 2 -3 3 -2 ++-, 0, 3]
$\overline{3_4}$ = [1 -1 2 -3 3 -2 +--, 0, 3]
3_5 = [1 -1 2 -3 3 -2 +-+, 0, 3]
$\overline{3_5}$ = [1 -1 2 -3 3 -2 -+-, 0, 3]
3_6 = [1 -1 -2 -3 3 2 +++, 0, 3]
$\overline{3_6}$ = [1 -1 -2 -3 3 2 ---, 0, 3]
3_7 = [1 -2 3 -1 2 -3 +++, 024, 135]
$\overline{3_7}$ = [1 -2 3 -1 2 -3 ---, 024, 135]
3_8 = [1 -2 3 -1 2 -3 +++, 03, 14]
$\overline{3_8}$ = [1 -2 3 -1 2 -3 ---, 03, 14]
4_1 = [1 -1 2 3 4 -4 -3 -2 ++++, 0, 4]
$\overline{4_1}$ = [1 -1 2 3 4 -4 -3 -2 ----, 0, 4]
4_2 = [1 -1 2 3 4 -4 -3 -2 +---, 0, 4]
$\overline{4_2}$ = [1 -1 2 3 4 -4 -3 -2 -+++, 0, 4]
4_3 = [1 -1 2 3 -4 4 -3 -2 ++++, 0, 4]
$\overline{4_3}$ = [1 -1 2 3 -4 4 -3 -2 ----, 0, 4]
4_4 = [1 -1 2 3 -4 4 -3 -2 +++-, 0, 4]
$\overline{4_4}$ = [1 -1 2 3 -4 4 -3 -2 +---, 0, 4]
4_5 = [1 -1 2 3 -4 4 -3 -2 +--+, 0, 4]
$\overline{4_5}$ = [1 -1 2 3 -4 4 -3 -2 -++-, 0, 4]
4_6 = [1 -1 2 -3 4 -2 3 -4 ++++, 0, 246]
$\overline{4_6}$ = [1 -1 2 -3 4 -2 3 -4 ----, 0, 246]
4_7 = [1 -1 2 -3 4 -2 3 -4 ++++, 0, 25]
$\overline{4_7}$ = [1 -1 2 -3 4 -2 3 -4 ----, 0, 25]
4_8 = [1 -1 2 -3 4 -2 3 -4 +---, 0, 246]
$\overline{4_8}$ = [1 -1 2 -3 4 -2 3 -4 -+++, 0, 246]
4_9 = [1 -1 2 -3 4 -2 3 -4 +---, 0, 25]
$\overline{4_9}$ = [1 -1 2 -3 4 -2 3 -4 -+++, 0, 25]
4_{10} = [1 -1 2 -3 4 -4 3 -2 ++++, 0, 4]
$\overline{4_{10}}$ = [1 -1 2 -3 4 -4 3 -2 ----, 0, 4]
4_{11} = [1 -1 2 -3 4 -4 3 -2 +++-, 0, 4]
$\overline{4_{11}}$ = [1 -1 2 -3 4 -4 3 -2 +---, 0, 4]
4_{12} = [1 -1 2 -3 4 -4 3 -2 ++-+, 0, 4]
$\overline{4_{12}}$ = [1 -1 2 -3 4 -4 3 -2 -+--, 0, 4]

$^*4_{13}$ = [1 -1 2 -3 4 -4 3 -2 ++--, 0, 4]
$^*4_{14}$ = [1 -1 2 -3 4 -4 3 -2 +-+-, 0, 4]
4_{15} = [1 -1 2 -3 4 -4 3 -2 +--+, 0, 4]
$\overline{4_{15}}$ = [1 -1 2 -3 4 -4 3 -2 -++-, 0, 4]
4_{16} = [1 -1 2 -3 -4 4 3 -2 ++++, 0, 4]
$\overline{4_{16}}$ = [1 -1 2 -3 -4 4 3 -2 ----, 0, 4]
4_{17} = [1 -1 2 -3 -4 4 3 -2 ++--, 0, 4]
$\overline{4_{17}}$ = [1 -1 2 -3 -4 4 3 -2 --++, 0, 4]
4_{18} = [1 -1 2 -3 -4 4 3 -2 +-++, 0, 4]
$\overline{4_{18}}$ = [1 -1 2 -3 -4 4 3 -2 -+--, 0, 4]
4_{19} = [1 -1 2 -3 -4 4 3 -2 +---, 0, 4]
$\overline{4_{19}}$ = [1 -1 2 -3 -4 4 3 -2 -+++, 0, 4]
4_{20} = [1 -1 -2 3 4 -4 -3 2 ++++, 0, 4]
$\overline{4_{20}}$ = [1 -1 -2 3 4 -4 -3 2 ----, 0, 4]
$^*4_{21}$ = [1 -1 -2 3 4 -4 -3 2 ++--, 0, 4]
4_{22} = [1 -1 -2 3 -4 2 -3 4 ++++, 0, 246]
$\overline{4_{22}}$ = [1 -1 -2 3 -4 2 -3 4 ----, 0, 246]
4_{23} = [1 -1 -2 3 -4 2 -3 4 +---, 0, 25]
$\overline{4_{23}}$ = [1 -1 -2 3 -4 2 -3 4 -+++, 0, 25]
4_{24} = [1 -1 -2 -3 -4 4 3 2 ++++, 0, 4]
$\overline{4_{24}}$ = [1 -1 -2 -3 -4 4 3 2 ----, 0, 4]
4_{25} = [1 -2 3 -1 4 -3 2 -4 +--+, 025, 146]
$\overline{4_{25}}$ = [1 -2 3 -1 4 -3 2 -4 +--+, 036, 247]
4_{26} = [1 -2 3 -1 4 -3 2 -4 +--+, 025, 37]
$\overline{4_{26}}$ = [1 -2 3 -1 4 -3 2 -4 +--+, 036, 15]
$^*4_{27}$ = [1 -2 3 -1 4 -3 2 -4 +--+, 15, 37]
5_1 = [1 -1 2 3 -3 -4 5 -2 4 -5 +++++, 0, 3]
$\overline{5_1}$ = [1 -1 2 3 -3 -4 5 -2 4 -5 -----, 0, 3]
5_2 = [1 -1 2 3 -3 -4 5 -2 4 -5 ++-++, 0, 3]
$\overline{5_2}$ = [1 -1 2 3 -3 -4 5 -2 4 -5 --+--, 0, 3]
5_3 = [1 -1 2 3 -3 -4 5 -2 4 -5 +-+--, 0, 3]
$\overline{5_3}$ = [1 -1 2 3 -3 -4 5 -2 4 -5 -+-++, 0, 3]
5_4 = [1 -1 2 3 -3 -4 5 -2 4 -5 +----, 0, 3]
$\overline{5_4}$ = [1 -1 2 3 -3 -4 5 -2 4 -5 -++++, 0, 3]
5_5 = [1 -1 2 3 4 5 -5 -4 -3 -2 +++++, 0, 5]
$\overline{5_5}$ = [1 -1 2 3 4 5 -5 -4 -3 -2 -----, 0, 5]
5_6 = [1 -1 2 3 4 5 -5 -4 -3 -2 +----, 0, 5]
$\overline{5_6}$ = [1 -1 2 3 4 5 -5 -4 -3 -2 -++++, 0, 5]
5_7 = [1 -1 2 3 4 -5 5 -4 -3 -2 +++++, 0, 5]
$\overline{5_7}$ = [1 -1 2 3 4 -5 5 -4 -3 -2 -----, 0, 5]
5_8 = [1 -1 2 3 4 -5 5 -4 -3 -2 ++++-, 0, 5]
$\overline{5_8}$ = [1 -1 2 3 4 -5 5 -4 -3 -2 +----, 0, 5]
5_9 = [1 -1 2 3 4 -5 5 -4 -3 -2 +---+, 0, 5]
$\overline{5_9}$ = [1 -1 2 3 4 -5 5 -4 -3 -2 -+++-, 0, 5]
5_{10} = [1 -1 2 3 -4 5 -5 4 -3 -2 +++++, 0, 5]
$\overline{5_{10}}$ = [1 -1 2 3 -4 5 -5 4 -3 -2 -----, 0, 5]
5_{11} = [1 -1 2 3 -4 5 -5 4 -3 -2 ++++-, 0, 5]
$\overline{5_{11}}$ = [1 -1 2 3 -4 5 -5 4 -3 -2 ----+, 0, 5]
5_{12} = [1 -1 2 3 -4 5 -5 4 -3 -2 +++-+, 0, 5]
$\overline{5_{12}}$ = [1 -1 2 3 -4 5 -5 4 -3 -2 ---+-, 0, 5]

$5_{13} =$ [1 -1 2 3 -4 5 -5 4 -3 -2 +++--, 0, 5]
$\overline{5_{13}} =$ [1 -1 2 3 -4 5 -5 4 -3 -2 ---++, 0, 5]
$5_{14} =$ [1 -1 2 3 -4 5 -5 4 -3 -2 +--++, 0, 5]
$\overline{5_{14}} =$ [1 -1 2 3 -4 5 -5 4 -3 -2 -++--, 0, 5]
$5_{15} =$ [1 -1 2 3 -4 5 -5 4 -3 -2 +--+-, 0, 5]
$\overline{5_{15}} =$ [1 -1 2 3 -4 5 -5 4 -3 -2 -++-+, 0, 5]
$5_{16} =$ [1 -1 2 3 -4 5 -5 4 -3 -2 +---+, 0, 5]
$\overline{5_{16}} =$ [1 -1 2 3 -4 5 -5 4 -3 -2 -+++-, 0, 5]
$5_{17} =$ [1 -1 2 3 -4 5 -5 4 -3 -2 +----, 0, 5]
$\overline{5_{17}} =$ [1 -1 2 3 -4 5 -5 4 -3 -2 -++++, 0, 5]
$5_{18} =$ [1 -1 2 3 -4 -5 5 4 -3 -2 +++++, 0, 5]
$\overline{5_{18}} =$ [1 -1 2 3 -4 -5 5 4 -3 -2 -----, 0, 5]
$5_{19} =$ [1 -1 2 3 -4 -5 5 4 -3 -2 +++--, 0, 5]
$\overline{5_{19}} =$ [1 -1 2 3 -4 -5 5 4 -3 -2 ---++, 0, 5]
$5_{20} =$ [1 -1 2 3 -4 -5 5 4 -3 -2 +--++, 0, 5]
$\overline{5_{20}} =$ [1 -1 2 3 -4 -5 5 4 -3 -2 -++--, 0, 5]
$5_{21} =$ [1 -1 2 3 -4 -5 5 4 -3 -2 +----, 0, 5]
$\overline{5_{21}} =$ [1 -1 2 3 -4 -5 5 4 -3 -2 -++++, 0, 5]
$5_{22} =$ [1 -1 2 -3 3 4 -5 -2 -4 5 +++--, 0, 3]
$\overline{5_{22}} =$ [1 -1 2 -3 3 4 -5 -2 -4 5 ---++, 0, 3]
$5_{23} =$ [1 -1 2 -3 3 4 -5 -2 -4 5 ++---, 0, 3]
$\overline{5_{23}} =$ [1 -1 2 -3 3 4 -5 -2 -4 5 +--++, 0, 3]
$5_{24} =$ [1 -1 2 -3 3 4 -5 -2 -4 5 +-+++, 0, 3]
$\overline{5_{24}} =$ [1 -1 2 -3 3 4 -5 -2 -4 5 -+---, 0, 3]
$5_{25} =$ [1 -1 2 -3 3 -4 5 -2 4 -5 +++++, 0, 3]
$\overline{5_{25}} =$ [1 -1 2 -3 3 -4 5 -2 4 -5 -----, 0, 3]
$5_{26} =$ [1 -1 2 -3 3 -4 5 -2 4 -5 ++-++, 0, 3]
$\overline{5_{26}} =$ [1 -1 2 -3 3 -4 5 -2 4 -5 +----, 0, 3]
$5_{27} =$ [1 -1 2 -3 3 -4 5 -2 4 -5 ++-++, 3, 0]
$\overline{5_{27}} =$ [1 -1 2 -3 3 -4 5 -2 4 -5 +----, 3, 0]
$5_{28} =$ [1 -1 2 -3 3 -4 5 -2 4 -5 +-+--, 0, 3]
$\overline{5_{28}} =$ [1 -1 2 -3 3 -4 5 -2 4 -5 -+-++, 0, 3]
$5_{29} =$ [1 -1 2 -3 4 -2 5 -4 3 -5 ++--+, 0, 247]
$\overline{5_{29}} =$ [1 -1 2 -3 4 -2 5 -4 3 -5 --++-, 0, 247]
$5_{30} =$ [1 -1 2 -3 4 -2 5 -4 3 -5 ++--+, 0, 258]
$\overline{5_{30}} =$ [1 -1 2 -3 4 -2 5 -4 3 -5 --++-, 0, 258]
$5_{31} =$ [1 -1 2 -3 4 -2 5 -4 3 -5 ++--+, 0, 37]
$\overline{5_{31}} =$ [1 -1 2 -3 4 -2 5 -4 3 -5 --++-, 0, 37]
$5_{32} =$ [1 -1 2 -3 4 -2 5 -4 3 -5 +-++-, 0, 247]
$\overline{5_{32}} =$ [1 -1 2 -3 4 -2 5 -4 3 -5 -+--+, 0, 247]
$5_{33} =$ [1 -1 2 -3 4 -2 5 -4 3 -5 +-++-, 0, 258]
$\overline{5_{33}} =$ [1 -1 2 -3 4 -2 5 -4 3 -5 -+--+, 0, 258]
$5_{34} =$ [1 -1 2 -3 4 -2 5 -4 3 -5 +-++-, 0, 37]
$\overline{5_{34}} =$ [1 -1 2 -3 4 -2 5 -4 3 -5 -+--+, 0, 37]
$5_{35} =$ [1 -1 2 -3 4 -2 5 -5 3 -4 +++++, 0, 6]
$\overline{5_{35}} =$ [1 -1 2 -3 4 -2 5 -5 3 -4 -----, 0, 6]
$5_{36} =$ [1 -1 2 -3 4 -2 5 -5 3 -4 ++++-, 0, 6]
$\overline{5_{36}} =$ [1 -1 2 -3 4 -2 5 -5 3 -4 +----, 0, 6]
$5_{37} =$ [1 -1 2 -3 4 -2 5 -5 3 -4 +---+, 0, 6]
$\overline{5_{37}} =$ [1 -1 2 -3 4 -2 5 -5 3 -4 -+++-, 0, 6]

$5_{38} =$ [1 -1 2 -3 4 -2 -5 5 3 -4 ++++-, 0, 6]
$\overline{5_{38}} =$ [1 -1 2 -3 4 -2 -5 5 3 -4 ----+, 0, 6]
$5_{39} =$ [1 -1 2 -3 4 -2 -5 5 3 -4 +---+, 0, 6]
$\overline{5_{39}} =$ [1 -1 2 -3 4 -2 -5 5 3 -4 -+++-, 0, 6]
$5_{40} =$ [1 -1 2 -3 4 5 -5 -2 3 -4 +++++, 0, 5]
$\overline{5_{40}} =$ [1 -1 2 -3 4 5 -5 -2 3 -4 -----, 0, 5]
$5_{41} =$ [1 -1 2 -3 4 5 -5 -2 3 -4 +----, 0, 5]
$\overline{5_{41}} =$ [1 -1 2 -3 4 5 -5 -2 3 -4 -++++, 0, 5]
$5_{42} =$ [1 -1 2 -3 4 5 -5 -4 3 -2 +++++, 0, 5]
$\overline{5_{42}} =$ [1 -1 2 -3 4 5 -5 -4 3 -2 -----, 0, 5]
$5_{43} =$ [1 -1 2 -3 4 5 -5 -4 3 -2 +++--, 0, 5]
$\overline{5_{43}} =$ [1 -1 2 -3 4 5 -5 -4 3 -2 ---++, 0, 5]
$5_{44} =$ [1 -1 2 -3 4 5 -5 -4 3 -2 ++-++, 0, 5]
$\overline{5_{44}} =$ [1 -1 2 -3 4 5 -5 -4 3 -2 --+--, 0, 5]
$5_{45} =$ [1 -1 2 -3 4 5 -5 -4 3 -2 ++---, 0, 5]
$\overline{5_{45}} =$ [1 -1 2 -3 4 5 -5 -4 3 -2 --+++, 0, 5]
$5_{46} =$ [1 -1 2 -3 4 5 -5 -4 3 -2 +-+++, 0, 5]
$\overline{5_{46}} =$ [1 -1 2 -3 4 5 -5 -4 3 -2 -+---, 0, 5]
$5_{47} =$ [1 -1 2 -3 4 5 -5 -4 3 -2 +-+--, 0, 5]
$\overline{5_{47}} =$ [1 -1 2 -3 4 5 -5 -4 3 -2 -+-++, 0, 5]
$5_{48} =$ [1 -1 2 -3 4 5 -5 -4 3 -2 +--++, 0, 5]
$\overline{5_{48}} =$ [1 -1 2 -3 4 5 -5 -4 3 -2 -++--, 0, 5]
$5_{49} =$ [1 -1 2 -3 4 5 -5 -4 3 -2 +----, 0, 5]
$\overline{5_{49}} =$ [1 -1 2 -3 4 5 -5 -4 3 -2 -++++, 0, 5]
$5_{50} =$ [1 -1 2 -3 4 -5 3 -4 5 -2 +++++, 0, 357]
$\overline{5_{50}} =$ [1 -1 2 -3 4 -5 3 -4 5 -2 -----, 0, 357]
$5_{51} =$ [1 -1 2 -3 4 -5 3 -4 5 -2 +++++, 0, 36]
$\overline{5_{51}} =$ [1 -1 2 -3 4 -5 3 -4 5 -2 -----, 0, 36]
$5_{52} =$ [1 -1 2 -3 4 -5 3 -4 5 -2 ++---, 0, 357]
$\overline{5_{52}} =$ [1 -1 2 -3 4 -5 3 -4 5 -2 --+++, 0, 357]
$5_{53} =$ [1 -1 2 -3 4 -5 3 -4 5 -2 +-+++, 0, 357]
$\overline{5_{53}} =$ [1 -1 2 -3 4 -5 3 -4 5 -2 -+---, 0, 357]
$5_{54} =$ [1 -1 2 -3 4 -5 3 -4 5 -2 +----, 0, 357]
$\overline{5_{54}} =$ [1 -1 2 -3 4 -5 3 -4 5 -2 -++++, 0, 357]
$5_{55} =$ [1 -1 2 -3 4 -5 3 -4 5 -2 +----, 0, 36]
$\overline{5_{55}} =$ [1 -1 2 -3 4 -5 3 -4 5 -2 -++++, 0, 36]
$5_{56} =$ [1 -1 2 -3 4 -5 5 -2 3 -4 +---+, 0, 5]
$\overline{5_{56}} =$ [1 -1 2 -3 4 -5 5 -2 3 -4 -+++-, 0, 5]
$5_{57} =$ [1 -1 2 -3 4 -5 5 -4 3 -2 +++++, 0, 5]
$\overline{5_{57}} =$ [1 -1 2 -3 4 -5 5 -4 3 -2 -----, 0, 5]
$5_{58} =$ [1 -1 2 -3 4 -5 5 -4 3 -2 ++++-, 0, 5]
$\overline{5_{58}} =$ [1 -1 2 -3 4 -5 5 -4 3 -2 +----, 0, 5]
$5_{59} =$ [1 -1 2 -3 4 -5 5 -4 3 -2 +++-+, 0, 5]
$\overline{5_{59}} =$ [1 -1 2 -3 4 -5 5 -4 3 -2 -+---, 0, 5]
$5_{60} =$ [1 -1 2 -3 4 -5 5 -4 3 -2 +++--, 0, 5]
$\overline{5_{60}} =$ [1 -1 2 -3 4 -5 5 -4 3 -2 ++---, 0, 5]
$5_{61} =$ [1 -1 2 -3 4 -5 5 -4 3 -2 ++-++, 0, 5]
$\overline{5_{61}} =$ [1 -1 2 -3 4 -5 5 -4 3 -2 --+--, 0, 5]
$5_{62} =$ [1 -1 2 -3 4 -5 5 -4 3 -2 ++-+-, 0, 5]
$\overline{5_{62}} =$ [1 -1 2 -3 4 -5 5 -4 3 -2 +-+--, 0, 5]

5_{63} = [1 -1 2 -3 4 -5 5 -4 3 -2 ++--+, 0, 5]
$\overline{5_{63}}$ = [1 -1 2 -3 4 -5 5 -4 3 -2 -++--, 0, 5]
5_{64} = [1 -1 2 -3 4 -5 5 -4 3 -2 +-++-, 0, 5]
$\overline{5_{64}}$ = [1 -1 2 -3 4 -5 5 -4 3 -2 +--+-, 0, 5]
5_{65} = [1 -1 2 -3 4 -5 5 -4 3 -2 +-+-+, 0, 5]
$\overline{5_{65}}$ = [1 -1 2 -3 4 -5 5 -4 3 -2 -+-+-, 0, 5]
5_{66} = [1 -1 2 -3 4 -5 5 -4 3 -2 +---+, 0, 5]
$\overline{5_{66}}$ = [1 -1 2 -3 4 -5 5 -4 3 -2 -+++-, 0, 5]
5_{67} = [1 -1 2 -3 -4 -5 5 4 3 -2 +++++, 0, 5]
$\overline{5_{67}}$ = [1 -1 2 -3 -4 -5 5 4 3 -2 -----, 0, 5]
5_{68} = [1 -1 2 -3 -4 -5 5 4 3 -2 ++---, 0, 5]
$\overline{5_{68}}$ = [1 -1 2 -3 -4 -5 5 4 3 -2 --+++, 0, 5]
5_{69} = [1 -1 2 -3 -4 -5 5 4 3 -2 +-+++, 0, 5]
$\overline{5_{69}}$ = [1 -1 2 -3 -4 -5 5 4 3 -2 -+---, 0, 5]
5_{70} = [1 -1 2 -3 -4 -5 5 4 3 -2 +----, 0, 5]
$\overline{5_{70}}$ = [1 -1 2 -3 -4 -5 5 4 3 -2 -++++, 0, 5]
5_{71} = [1 -1 -2 3 4 -4 -5 2 -3 5 +--+-, 0, 4]
$\overline{5_{71}}$ = [1 -1 -2 3 4 -4 -5 2 -3 5 -++-+, 0, 4]
5_{72} = [1 -1 -2 3 4 5 -5 -4 -3 2 +++++, 0, 5]
$\overline{5_{72}}$ = [1 -1 -2 3 4 5 -5 -4 -3 2 -----, 0, 5]
5_{73} = [1 -1 -2 3 4 5 -5 -4 -3 2 ++---, 0, 5]
$\overline{5_{73}}$ = [1 -1 -2 3 4 5 -5 -4 -3 2 --+++, 0, 5]
5_{74} = [1 -1 -2 3 -4 2 -3 -5 5 4 +++++, 0, 7]
$\overline{5_{74}}$ = [1 -1 -2 3 -4 2 -3 -5 5 4 -----, 0, 7]
5_{75} = [1 -1 -2 3 -4 2 -3 -5 5 4 +---+, 0, 7]
$\overline{5_{75}}$ = [1 -1 -2 3 -4 2 -3 -5 5 4 -+++-, 0, 7]
5_{76} = [1 -1 -2 3 -4 2 -5 4 -3 5 ++--+, 0, 247]
$\overline{5_{76}}$ = [1 -1 -2 3 -4 2 -5 4 -3 5 --++-, 0, 247]
5_{77} = [1 -1 -2 3 -4 2 -5 4 -3 5 ++--+, 0, 37]
$\overline{5_{77}}$ = [1 -1 -2 3 -4 2 -5 4 -3 5 --++-, 0, 37]
5_{78} = [1 -1 -2 3 -4 2 -5 4 -3 5 +-++-, 0, 258]
$\overline{5_{78}}$ = [1 -1 -2 3 -4 2 -5 4 -3 5 -+--+, 0, 258]
5_{79} = [1 -1 -2 3 -4 5 -3 4 -5 2 +++++, 0, 36]
$\overline{5_{79}}$ = [1 -1 -2 3 -4 5 -3 4 -5 2 -----, 0, 36]
5_{80} = [1 -1 -2 3 -4 5 -3 4 -5 2 ++---, 0, 357]
$\overline{5_{80}}$ = [1 -1 -2 3 -4 5 -3 4 -5 2 --+++, 0, 357]
5_{81} = [1 -1 -2 3 -4 -5 5 2 -3 4 +++++, 0, 5]
$\overline{5_{81}}$ = [1 -1 -2 3 -4 -5 5 2 -3 4 -----, 0, 5]
5_{82} = [1 -1 -2 3 -4 -5 5 4 -3 2 +++++, 0, 5]
$\overline{5_{82}}$ = [1 -1 -2 3 -4 -5 5 4 -3 2 -----, 0, 5]
5_{83} = [1 -1 -2 3 -4 -5 5 4 -3 2 +++--, 0, 5]
$\overline{5_{83}}$ = [1 -1 -2 3 -4 -5 5 4 -3 2 ++---, 0, 5]
5_{84} = [1 -1 -2 3 -4 -5 5 4 -3 2 ++-++, 0, 5]
$\overline{5_{84}}$ = [1 -1 -2 3 -4 -5 5 4 -3 2 --+--, 0, 5]
5_{85} = [1 -1 -2 -3 -4 -5 5 4 3 2 +++++, 0, 5]
$\overline{5_{85}}$ = [1 -1 -2 -3 -4 -5 5 4 3 2 -----, 0, 5]
5_{86} = [1 2 -3 -1 4 5 -2 3 -5 -4 +--+-, 026, 48]
$\overline{5_{86}}$ = [1 2 -3 -1 4 5 -2 3 -5 -4 -++-+, 026, 48]
5_{87} = [1 -2 3 -1 4 -5 2 -3 5 -4 +++++, 026, 157]
$\overline{5_{87}}$ = [1 -2 3 -1 4 -5 2 -3 5 -4 -----, 026, 157]

5_{88} = [1 -2 3 -1 4 -5 2 -3 5 -4 +++++, 026, 39]
$\overline{5_{88}}$ = [1 -2 3 -1 4 -5 2 -3 5 -4 -----, 026, 39]
5_{89} = [1 -2 3 -1 4 -5 2 -3 5 -4 +++++, 026, 48]
$\overline{5_{89}}$ = [1 -2 3 -1 4 -5 2 -3 5 -4 -----, 026, 48]
5_{90} = [1 -2 3 -1 4 -5 2 -3 5 -4 +++++, 0358, 16]
$\overline{5_{90}}$ = [1 -2 3 -1 4 -5 2 -3 5 -4 -----, 0358, 16]
5_{91} = [1 -2 3 -1 4 -5 2 -3 5 -4 +++++, 0358, 2479]
$\overline{5_{91}}$ = [1 -2 3 -1 4 -5 2 -3 5 -4 -----, 0358, 2479]
5_{92} = [1 -2 3 -1 4 -5 2 -3 5 -4 +++++, 16, 39]
$\overline{5_{92}}$ = [1 -2 3 -1 4 -5 2 -3 5 -4 -----, 16, 39]
5_{93} = [1 -2 3 -4 5 -1 2 -3 4 -5 +++++, 02468, 13579]
$\overline{5_{93}}$ = [1 -2 3 -4 5 -1 2 -3 4 -5 -----, 02468, 13579]
5_{94} = [1 -2 3 -4 5 -1 2 -3 4 -5 +++++, 05, 16]
$\overline{5_{94}}$ = [1 -2 3 -4 5 -1 2 -3 4 -5 -----, 05, 16]
5_{95} = [1 -2 3 -4 5 -1 2 -3 4 -5 +++++, 05, 27]
$\overline{5_{95}}$ = [1 -2 3 -4 5 -1 2 -3 4 -5 -----, 05, 27]