Some $S-$function plethysms

$\{2\}\otimes\{2\}$	$\{4\}$	$+\,\{2^2\}$			
$\{2\}\otimes\{1^2\}$	$\{31\}$				
$\{1^2\}\otimes\{2\}$	$\{2^2\}$	$+\,\{1^4\}$			
$\{1^2\}\otimes\{1^2\}$	$\{21^2\}$				
$\{2\}\otimes\{3\}$	$\{6\}$	$+\,\{42\}$	$+\,\{2^3\}$		
$\{2\}\otimes\{21\}$	$\{51\}$	$+\,\{42\}$	$+\,\{321\}$		
$\{2\}\otimes\{1^3\}$	$\{41^2\}$	$+\,\{3^2\}$			
$\{1^2\}\otimes\{3\}$	$\{3^2\}$	$+\,\{2^21^2\}$	$+\,\{1^6\}$		
$\{1^2\}\otimes\{21\}$	$\{321\}$	$+\,\{2^21^2\}$	$+\,\{21^4\}$		
$\{1^2\}\otimes\{1^3\}$	$\{31^3\}$	$+\,\{2^3\}$			
$\{3\}\otimes\{2\}$	$\{6\}$	$+\,\{42\}$			
$\{3\}\otimes\{1^2\}$	$\{51\}$	$+\,\{3^2\}$			
$\{21\}\otimes\{2\}$	$\{42\}$	$+\,\{321\}$	$+\,\{31^3\}$	$+\,\{2^3\}$	
$\{21\}\otimes\{1^2\}$	$\{41^2\}$	$+\,\{3^2\}$	$+\,\{321\}$	$+\,\{2^21^2\}$	
$\{1^3\}\otimes\{2\}$	$\{2^3\}$	$+\,\{21^4\}$			
$\{1^3\}\otimes\{1^2\}$	$\{2^21^2\}$	$+\,\{1^6\}$			
$\{2\}\otimes\{4\}$	$\{8\}$	$+\,\{62\}$	$+\,\{4^2\}$	$+\,\{42^2\}$	$+\,\{2^4\}$
$\{2\}\otimes\{31\}$	$\{71\}$	$+\,\{62\}$	$+\,\{53\}$	$+\,\{521\}$	$+\,\{431\}$	$+\,\{42^2\}$
	$+\,\{32^21\}$				
$\{2\}\otimes\{2^2\}$	$\{62\}$	$+\,\{521\}$	$+\,\{4^2\}$	$+\,\{42^2\}$	$+\,\{3^21^2\}$
$\{2\}\otimes\{21^2\}$	$\{61^2\}$	$+\,\{53\}$	$+\,\{521\}$	$+\,\{431\}$	$+\,\{421^2\}$	$+\,\{3^22\}$
$\{2\}\otimes\{1^4\}$	$\{51^3\}$	$+\,\{431\}$			
$\{1^2\}\otimes\{4\}$	$\{4^2\}$	$+\,\{3^21^2\}$	$+\,\{2^4\}$	$+\,\{2^21^4\}$	$+\,\{1^8\}$
$\{1^2\}\otimes\{31\}$	$\{431\}$	$+\,\{3^21^2\}$	$+\,\{32^21\}$	$+\,\{321^3\}$	$+\,\{2^31^2\}$	$+\,\{2^21^4\}$
	$+\,\{21^6\}$				
$\{1^2\}\otimes\{2^2\}$	$\{42^2\}$	$+\,\{3^21^2\}$	$+\,\{321^3\}$	$+\,\{2^4\}$	$+\,\{2^21^4\}$
$\{1^2\}\otimes\{21^2\}$	$\{421^2\}$	$+\,\{3^22\}$	$+\,\{32^21\}$	$+\,\{321^3\}$	$+\,\{31^5\}$	$+\,\{2^31^2\}$
$\{1^2\}\otimes\{1^4\}$	$\{41^4\}$	$+\,\{32^21\}$			
$\{4\}\otimes\{2\}$	$\{8\}$	$+\,\{62\}$	$+\,\{4^2\}$		
$\{4\}\otimes\{1^2\}$	$\{71\}$	$+\,\{53\}$			
$\{31\}\otimes\{2\}$	$\{62\}$	$+\,\{521\}$	$+\,\{51^3\}$	$+\,\{4^2\}$	$+\,\{431\}$	$+\,\{42^2\}$
	$+\,\{3^21^2\}$				
$\{31\}\otimes\{1^2\}$	$\{61^2\}$	$+\,\{53\}$	$+\,\{521\}$	$+\,\{431\}$	$+\,\{421^2\}$	$+\,\{3^22\}$
$\{2^2\}\otimes\{2\}$	$\{4^2\}$	$+\,\{42^2\}$	$+\,\{3^21^2\}$	$+\,\{2^4\}$	
$\{2^2\}\otimes\{1^2\}$	$\{431\}$	$+\,\{32^21\}$			
$\{21^2\}\otimes\{2\}$	$\{42^2\}$	$+\,\{41^4\}$	$+\,\{3^21^2\}$	$+\,\{32^21\}$	$+\,\{321^3\}$	$+\,\{2^4\}$
	$+\,\{2^21^4\}$				
$\{21^2\}\otimes\{1^2\}$	$\{421^2\}$	$+\,\{3^22\}$	$+\,\{32^21\}$	$+\,\{321^3\}$	$+\,\{31^5\}$	$+\,\{2^31^2\}$
$\{1^4\}\otimes\{2\}$	$\{2^4\}$	$+\,\{2^21^4\}$	$+\,\{1^8\}$		
$\{1^4\}\otimes\{1^2\}$	$\{2^31^2\}$	$+\,\{21^6\}$			

$\{3\} \otimes \{3\}$	$\{9\}$	$+ \{72\}$	$+ \{63\}$	$+ \{52^2\}$	$+ \{4^21\}$	
$\{3\} \otimes \{21\}$	$\{81\}$	$+ \{72\}$	$+ \{63\}$	$+ \{621\}$	$+ \{54\}$	$+ \{531\}$
	$+ \{432\}$					
$\{3\} \otimes \{1^3\}$	$\{71^2\}$	$+ \{63\}$	$+ \{531\}$	$+ \{3^3\}$		
$\{21\} \otimes \{3\}$	$\{63\}$	$+ \{531\}$	$+ \{52^2\}$	$+ \{521^2\}$	$+ \{4^21\}$	$+ \{432\}$
	$+ \{431^2\}$	$+ 2\{42^21\}$	$+ \{421^3\}$	$+ \{41^5\}$	$+ \{3^3\}$	$+ \{3^221\}$
	$+ \{3^21^3\}$	$+ \{32^3\}$	$+ \{32^21^2\}$			
$\{21\} \otimes \{21\}$	$\{621\}$	$+ \{54\}$	$+ 2\{531\}$	$+ \{52^2\}$	$+ 2\{521^2\}$	$+ \{51^4\}$
	$+ \{4^21\}$	$+ 3\{432\}$	$+ 3\{431^2\}$	$+ 3\{42^21\}$	$+ 2\{421^3\}$	$+ 3\{3^221\}$
	$+ \{3^21^3\}$	$+ \{32^3\}$	$+ 2\{32^21^2\}$	$+ \{321^4\}$	$+ \{2^41\}$	
$\{21\} \otimes \{1^3\}$	$\{61^3\}$	$+ \{531\}$	$+ \{52^2\}$	$+ \{521^2\}$	$+ \{4^21\}$	$+ \{432\}$
	$+ 2\{431^2\}$	$+ \{42^21\}$	$+ \{421^3\}$	$+ \{3^3\}$	$+ \{3^221\}$	$+ \{3^21^3\}$
	$+ \{32^3\}$	$+ \{32^21^2\}$	$+ \{2^31^3\}$			
$\{1^3\} \otimes \{3\}$	$\{3^3\}$	$+ \{32^21^2\}$	$+ \{31^6\}$	$+ \{2^31^3\}$		
$\{1^3\} \otimes \{21\}$	$\{3^221\}$	$+ \{32^21^2\}$	$+ \{321^4\}$	$+ \{2^41\}$	$+ \{2^31^3\}$	$+ \{2^21^5\}$
	$+ \{21^7\}$					
$\{1^3\} \otimes \{1^3\}$	$\{3^21^3\}$	$+ \{32^3\}$	$+ \{2^31^3\}$	$+ \{2^21^5\}$	$+ \{1^9\}$	

$\{2\}\otimes\{5\}$	$\{10\ \}$	$+\ \{82\}$	$+\ \{64\}$	$+\ \{62^2\}$	$+\ \{4^22\}$	$+\ \{42^3\}$
	$+\ \{2^5\}$					
$\{2\}\otimes\{41\}$	$\{91\}$	$+\ \{82\}$	$+\ \{73\}$	$+\ \{721\}$	$+\ \{64\}$	$+\ \{631\}$
	$+\ \{62^2\}$	$+\ \{541\}$	$+\ \{532\}$	$+\ \{52^21\}$	$+\ \{4^22\}$	$+\ \{4321\}$
	$+\ \{42^3\}$	$+\ \{32^31\}$				
$\{2\}\otimes\{32\}$	$\{82\}$	$+\ \{73\}$	$+\ \{721\}$	$+\ \{64\}$	$+\ \{631\}$	$+\ 2\{62^2\}$
	$+\ \{541\}$	$+\ \{532\}$	$+\ \{531^2\}$	$+\ \{52^21\}$	$+\ \{4^22\}$	$+\ \{4321\}$
	$+\ \{42^3\}$	$+\ \{3^221^2\}$				
$\{2\}\otimes\{31^2\}$	$\{81^2\}$	$+\ \{73\}$	$+\ \{721\}$	$+\ 2\{631\}$	$+\ \{621^2\}$	$+\ \{5^2\}$
	$+\ \{541\}$	$+\ 2\{532\}$	$+\ \{531^2\}$	$+\ \{52^21\}$	$+\ \{4^21^2\}$	$+\ \{43^2\}$
	$+\ \{4321\}$	$+\ \{42^21^2\}$	$+\ \{3^22^2\}$			
$\{2\}\otimes\{2^21\}$	$\{721\}$	$+\ \{64\}$	$+\ \{631\}$	$+\ \{62^2\}$	$+\ \{621^2\}$	$+\ \{541\}$
	$+\ \{532\}$	$+\ \{531^2\}$	$+\ \{52^21\}$	$+\ \{4^22\}$	$+\ \{4321\}$	$+\ \{431^3\}$
	$+\ \{3^31\}$					
$\{2\}\otimes\{21^3\}$	$\{71^3\}$	$+\ \{631\}$	$+\ \{621^2\}$	$+\ \{541\}$	$+\ \{532\}$	$+\ \{531^2\}$
	$+\ \{521^3\}$	$+\ \{4^21^2\}$	$+\ \{43^2\}$	$+\ \{4321\}$		
$\{2\}\otimes\{1^5\}$	$\{61^4\}$	$+\ \{531^2\}$	$+\ \{4^22\}$			
$\{1^2\}\otimes\{5\}$	$\{5^2\}$	$+\ \{4^21^2\}$	$+\ \{3^22^2\}$	$+\ \{3^21^4\}$	$+\ \{2^41^2\}$	$+\ \{2^21^6\}$
	$+\ \{1^{10}\ \}$					
$\{1^2\}\otimes\{41\}$	$\{541\}$	$+\ \{4^21^2\}$	$+\ \{4321\}$	$+\ \{431^3\}$	$+\ \{3^22^2\}$	$+\ \{3^221^2\}$
	$+\ \{3^21^4\}$	$+\ \{32^31\}$	$+\ \{32^21^3\}$	$+\ \{321^5\}$	$+\ \{2^41^2\}$	$+\ \{2^31^4\}$
	$+\ \{2^21^6\}$	$+\ \{21^8\}$				
$\{1^2\}\otimes\{32\}$	$\{532\}$	$+\ \{4^21^2\}$	$+\ \{4321\}$	$+\ \{431^3\}$	$+\ \{42^21^2\}$	$+\ \{3^22^2\}$
	$+\ \{3^221^2\}$	$+\ 2\{3^21^4\}$	$+\ \{32^31\}$	$+\ \{32^21^3\}$	$+\ \{321^5\}$	$+\ \{2^41^2\}$
	$+\ \{2^31^4\}$	$+\ \{2^21^6\}$				
$\{1^2\}\otimes\{31^2\}$	$\{531^2\}$	$+\ \{4^22\}$	$+\ \{4321\}$	$+\ \{431^3\}$	$+\ \{42^3\}$	$+\ \{42^21^2\}$
	$+\ \{421^4\}$	$+\ \{3^31\}$	$+\ 2\{3^221^2\}$	$+\ \{32^31\}$	$+\ 2\{32^21^3\}$	$+\ \{321^5\}$
	$+\ \{31^7\}$	$+\ \{2^5\}$	$+\ \{2^31^4\}$			
$\{1^2\}\otimes\{2^21\}$	$\{52^21\}$	$+\ \{43^2\}$	$+\ \{4321\}$	$+\ \{431^3\}$	$+\ \{42^21^2\}$	$+\ \{421^4\}$
	$+\ \{3^22^2\}$	$+\ \{3^221^2\}$	$+\ \{3^21^4\}$	$+\ \{32^31\}$	$+\ \{32^21^3\}$	$+\ \{321^5\}$
	$+\ \{2^41^2\}$					
$\{1^2\}\otimes\{21^3\}$	$\{521^3\}$	$+\ \{4321\}$	$+\ \{42^3\}$	$+\ \{42^21^2\}$	$+\ \{421^4\}$	$+\ \{41^6\}$
	$+\ \{3^31\}$	$+\ \{3^221^2\}$	$+\ \{32^31\}$	$+\ \{32^21^3\}$		
$\{1^2\}\otimes\{1^5\}$	$\{51^5\}$	$+\ \{42^21^2\}$	$+\ \{3^22^2\}$			

{2} ⊗ {6}	{12 }	+ {10 2}	+ {84}	+ {82²}	+ {6²}	+ {642}
	+ {62³}	+ {4³}	+ {4²2²}	+ {42⁴}	+ {2⁶}	
{2} ⊗ {51}	{11 1}	+ {10 2}	+ {93}	+ {921}	+ {84}	+ {831}
	+ {82²}	+ {75}	+ {741}	+ {732}	+ {72²1}	+ {651}
	+ 2{642}	+ {6321}	+ {62³}	+ {543}	+ {5421}	+ {532²}
	+ {52³1}	+ {4²31}	+ {4²2²}	+ {432²1}	+ {42⁴}	+ {32⁴1}
{2} ⊗ {42}	{10 2}	+ {93}	+ {921}	+ 2{84}	+ {831}	+ 2{82²}
	+ 2{741}	+ 2{732}	+ {731²}	+ {72²1}	+ {6²}	+ {651}
	+ 3{642}	+ 2{6321}	+ 2{62³}	+ {5²1²}	+ {543}	+ 2{5421}
	+ {53²1}	+ {532²}	+ {5321²}	+ {52³1}	+ {4³}	+ 2{4²2²}
	+ {43²1²}	+ {432²1}	+ {42⁴}	+ {3²2²1²}		
{2} ⊗ {41²}	{10 1²}	+ {93}	+ {921}	+ 2{831}	+ {821²}	+ {75}
	+ 2{741}	+ 2{732}	+ {731²}	+ {72²1}	+ {651}	+ {642}
	+ 2{641²}	+ 2{63²}	+ 2{6321}	+ {62²1²}	+ 2{5²2}	+ {543}
	+ 2{5421}	+ {53²1}	+ 2{532²}	+ {5321²}	+ {52³1}	+ {4²31}
	+ {4²21²}	+ {43²2}	+ {432²1}	+ {42³1²}	+ {3²2³}	
{2} ⊗ {3²}	{93}	+ {831}	+ {82²}	+ {75}	+ {741}	+ {732}
	+ {72²1}	+ {642}	+ {641²}	+ {63²}	+ {6321}	+ {62³}
	+ {5²2}	+ {5421}	+ {532²}	+ {5321²}	+ {4²31}	+ {432²1}
	+ {3³1³}					
{2} ⊗ {321}	{921}	+ {84}	+ 2{831}	+ {82²}	+ {821²}	+ {75}
	+ 2{741}	+ 3{732}	+ 2{731²}	+ 2{72²1}	+ 2{651}	+ 3{642}
	+ 2{641²}	+ {63²}	+ 4{6321}	+ {631³}	+ {62³}	+ {62²1²}
	+ {5²2}	+ {5²1²}	+ 2{543}	+ 3{5421}	+ {541³}	+ 2{53²1}
	+ 2{532²}	+ 2{5321²}	+ {52³1}	+ {4²31}	+ {4²2²}	+ {4²21²}
	+ {43²2}	+ {43²1²}	+ {432²1}	+ {4321³}	+ {3³21}	
{2} ⊗ {31³}	{91³}	+ {831}	+ {821²}	+ {741}	+ {732}	+ 2{731²}
	+ {721³}	+ {651}	+ {642}	+ 2{641²}	+ 2{63²}	+ 2{6321}
	+ {631³}	+ {62²1²}	+ {5²2}	+ {5²1²}	+ {543}	+ 2{5421}
	+ {541³}	+ 2{53²1}	+ {532²}	+ {5321²}	+ {52²1³}	+ {4²31}
	+ {4²21²}	+ {43²2}	+ {432²1}			
{2} ⊗ {2³}	{82²}	+ {741}	+ {731²}	+ {72²1}	+ {6²}	+ 2{642}
	+ {6321}	+ {631³}	+ {62³}	+ {5²1²}	+ {5421}	+ {53²1}
	+ {5321²}	+ {4³}	+ {4²2²}	+ {4²1⁴}	+ {43²1²}	+ {3⁴}
{2} ⊗ {2²1²}	{821²}	+ {741}	+ {732}	+ {731²}	+ {72²1}	+ {721³}
	+ {651}	+ {642}	+ 2{641²}	+ {63²}	+ 2{6321}	+ {631³}
	+ {62²1²}	+ {5²2}	+ {543}	+ 2{5421}	+ {541³}	+ {53²1}
	+ {532²}	+ {5321²}	+ {531⁴}	+ {4²31}	+ {4²21²}	+ {43²2}
	+ {43²1²}					
{2} ⊗ {21⁴}	{81⁴}	+ {731²}	+ {721³}	+ {642}	+ {641²}	+ {6321}
	+ {631³}	+ {621⁴}	+ {5²1²}	+ {543}	+ {5421}	+ {541³}
	+ {53²1}	+ {5321²}	+ {4²31}	+ {4²2²}		
{2} ⊗ {1⁶}	{71⁵}	+ {631³}	+ {5421}	+ {4³}		

$\{1^2\} \otimes \{6\}$	$\{6^2\}$	$+\{5^21^2\}$	$+\{4^22^2\}$	$+\{4^21^4\}$	$+\{3^4\}$	$+\{3^22^21^2\}$
	$+\{3^21^6\}$	$+\{2^6\}$	$+\{2^41^4\}$	$+\{2^21^8\}$	$+\{1^{12}\}$	
$\{1^2\} \otimes \{51\}$	$\{651\}$	$+\{5^21^2\}$	$+\{5421\}$	$+\{541^3\}$	$+\{4^22^2\}$	$+\{4^221^2\}$
	$+\{4^21^4\}$	$+\{43^22\}$	$+\{432^21\}$	$+\{4321^3\}$	$+\{431^5\}$	$+\{3^321\}$
	$+2\{3^22^21^2\}$	$+\{3^221^4\}$	$+\{3^21^6\}$	$+\{32^41\}$	$+\{32^31^3\}$	$+\{32^21^5\}$
	$+\{321^7\}$	$+\{2^51^2\}$	$+\{2^41^4\}$	$+\{2^31^6\}$	$+\{2^21^8\}$	$+\{21^{10}\}$
$\{1^2\} \otimes \{42\}$	$\{642\}$	$+\{5^21^2\}$	$+\{5421\}$	$+\{541^3\}$	$+\{53^21\}$	$+\{5321^2\}$
	$+2\{4^22^2\}$	$+\{4^221^2\}$	$+2\{4^21^4\}$	$+\{43^21^2\}$	$+2\{432^21\}$	$+2\{4321^3\}$
	$+\{431^5\}$	$+\{42^4\}$	$+\{42^21^4\}$	$+\{3^4\}$	$+\{3^321\}$	$+3\{3^22^21^2\}$
	$+2\{3^221^4\}$	$+2\{3^21^6\}$	$+\{32^41\}$	$+2\{32^31^3\}$	$+\{32^21^5\}$	$+\{321^7\}$
	$+\{2^6\}$	$+2\{2^41^4\}$	$+\{2^31^6\}$	$+\{2^21^8\}$		
$\{1^2\} \otimes \{41^2\}$	$\{641^2\}$	$+\{5^22\}$	$+\{5421\}$	$+\{541^3\}$	$+\{532^2\}$	$+\{5321^2\}$
	$+\{531^4\}$	$+\{4^231\}$	$+2\{4^221^2\}$	$+\{43^22\}$	$+\{43^21^2\}$	$+2\{432^21\}$
	$+2\{4321^3\}$	$+\{431^5\}$	$+2\{42^31^2\}$	$+\{42^21^4\}$	$+\{421^6\}$	$+\{3^321\}$
	$+2\{3^31^3\}$	$+2\{3^22^3\}$	$+\{3^22^21^2\}$	$+2\{3^221^4\}$	$+\{32^41\}$	$+2\{32^31^3\}$
	$+2\{32^21^5\}$	$+\{321^7\}$	$+\{31^9\}$	$+\{2^51^2\}$	$+\{2^31^6\}$	
$\{1^2\} \otimes \{3^2\}$	$\{63^2\}$	$+\{5421\}$	$+\{5321^2\}$	$+\{4^221^2\}$	$+\{4^21^4\}$	$+\{43^22\}$
	$+\{432^21\}$	$+\{4321^3\}$	$+\{431^5\}$	$+\{42^31^2\}$	$+\{3^31^3\}$	$+\{3^22^3\}$
	$+\{3^22^21^2\}$	$+\{3^221^4\}$	$+\{3^21^6\}$	$+\{32^31^3\}$	$+\{32^21^5\}$	$+\{2^51^2\}$
	$+\{2^31^6\}$					
$\{1^2\} \otimes \{321\}$	$\{6321\}$	$+\{543\}$	$+\{5421\}$	$+\{541^3\}$	$+\{53^21\}$	$+\{532^2\}$
	$+2\{5321^2\}$	$+\{531^4\}$	$+\{52^31\}$	$+\{52^21^3\}$	$+\{4^231\}$	$+\{4^22^2\}$
	$+2\{4^221^2\}$	$+\{4^21^4\}$	$+\{43^22\}$	$+2\{43^21^2\}$	$+3\{432^21\}$	$+4\{4321^3\}$
	$+2\{431^5\}$	$+\{42^4\}$	$+2\{42^31^2\}$	$+2\{42^21^4\}$	$+\{421^6\}$	$+2\{3^321\}$
	$+\{3^31^3\}$	$+\{3^22^3\}$	$+3\{3^22^21^2\}$	$+3\{3^221^4\}$	$+\{3^21^6\}$	$+2\{32^41\}$
	$+2\{32^31^3\}$	$+2\{32^21^5\}$	$+\{321^7\}$	$+\{2^51^2\}$	$+\{2^41^4\}$	
$\{1^2\} \otimes \{31^3\}$	$\{631^3\}$	$+\{5421\}$	$+\{532^2\}$	$+\{5321^2\}$	$+\{531^4\}$	$+\{52^31\}$
	$+\{52^21^3\}$	$+\{521^5\}$	$+\{4^231\}$	$+\{4^221^2\}$	$+\{43^22\}$	$+2\{43^21^2\}$
	$+2\{432^21\}$	$+2\{4321^3\}$	$+\{42^4\}$	$+2\{42^31^2\}$	$+2\{42^21^4\}$	$+\{421^6\}$
	$+\{41^8\}$	$+\{3^321\}$	$+2\{3^31^3\}$	$+\{3^22^3\}$	$+\{3^22^21^2\}$	$+\{3^221^4\}$
	$+\{32^41\}$	$+\{32^31^3\}$	$+\{32^21^5\}$			
$\{1^2\} \otimes \{2^3\}$	$\{62^3\}$	$+\{53^21\}$	$+\{5321^2\}$	$+\{52^21^3\}$	$+\{4^3\}$	$+\{4^22^2\}$
	$+\{4^21^4\}$	$+\{43^21^2\}$	$+\{432^21\}$	$+\{4321^3\}$	$+\{431^5\}$	$+\{42^4\}$
	$+\{42^21^4\}$	$+\{3^4\}$	$+2\{3^22^21^2\}$	$+\{3^21^6\}$	$+\{32^31^3\}$	$+\{2^6\}$
$\{1^2\} \otimes \{2^21^2\}$	$\{62^21^2\}$	$+\{53^21\}$	$+\{532^2\}$	$+\{5321^2\}$	$+\{531^4\}$	$+\{52^31\}$
	$+\{52^21^3\}$	$+\{521^5\}$	$+\{4^231\}$	$+\{4^221^2\}$	$+\{43^22\}$	$+\{43^21^2\}$
	$+2\{432^21\}$	$+2\{4321^3\}$	$+\{431^5\}$	$+2\{42^31^2\}$	$+\{42^21^4\}$	$+\{421^6\}$
	$+\{3^321\}$	$+\{3^31^3\}$	$+\{3^22^3\}$	$+\{3^22^21^2\}$	$+\{3^221^4\}$	$+\{32^41\}$
	$+\{32^31^3\}$					
$\{1^2\} \otimes \{21^4\}$	$\{621^4\}$	$+\{5321^2\}$	$+\{52^31\}$	$+\{52^21^3\}$	$+\{521^5\}$	$+\{51^7\}$
	$+\{4^22^2\}$	$+\{43^22\}$	$+\{43^21^2\}$	$+\{432^21\}$	$+\{4321^3\}$	$+\{42^4\}$
	$+\{42^31^2\}$	$+\{42^21^4\}$	$+\{3^321\}$	$+\{3^22^21^2\}$		
$\{1^2\} \otimes \{1^6\}$	$\{61^6\}$	$+\{52^21^3\}$	$+\{432^21\}$	$+\{3^4\}$		

$\{3\} \otimes \{4\}$	$\{12\ \}$	$+ \{10\ 2\}$	$+ \{93\}$	$+ \{84\}$	$+ \{82^2\}$	$+ \{741\}$
	$+ \{732\}$	$+ \{6^2\}$	$+ \{642\}$	$+ \{62^3\}$	$+ \{5421\}$	$+ \{4^3\}$
$\{3\} \otimes \{31\}$	$\{11\ 1\}$	$+ \{10\ 2\}$	$+ 2\{93\}$	$+ \{921\}$	$+ \{84\}$	$+ 2\{831\}$
	$+ \{82^2\}$	$+ 2\{75\}$	$+ 2\{741\}$	$+ 2\{732\}$	$+ \{72^2 1\}$	$+ \{651\}$
	$+ 2\{642\}$	$+ \{641^2\}$	$+ \{63^2\}$	$+ \{6321\}$	$+ \{5^2 2\}$	$+ \{543\}$
	$+ \{5421\}$	$+ \{532^2\}$	$+ \{4^2 31\}$			
$\{3\} \otimes \{2^2\}$	$\{10\ 2\}$	$+ \{921\}$	$+ 2\{84\}$	$+ \{831\}$	$+ \{82^2\}$	$+ \{741\}$
	$+ \{732\}$	$+ \{731^2\}$	$+ \{6^2\}$	$+ \{651\}$	$+ 2\{642\}$	$+ \{6321\}$
	$+ \{5^2 1^2\}$	$+ \{543\}$	$+ \{53^2 1\}$	$+ \{4^2 2^2\}$		
$\{3\} \otimes \{21^2\}$	$\{10\ 1^2\}$	$+ \{93\}$	$+ \{921\}$	$+ \{84\}$	$+ 2\{831\}$	$+ \{821^2\}$
	$+ \{75\}$	$+ 2\{741\}$	$+ 2\{732\}$	$+ \{731^2\}$	$+ 2\{651\}$	$+ \{642\}$
	$+ \{641^2\}$	$+ 2\{63^2\}$	$+ \{6321\}$	$+ \{5^2 2\}$	$+ \{543\}$	$+ \{5421\}$
	$+ \{53^2 1\}$	$+ \{43^2 2\}$				
$\{3\} \otimes \{1^4\}$	$\{91^3\}$	$+ \{831\}$	$+ \{741\}$	$+ \{731^2\}$	$+ \{6^2\}$	$+ \{642\}$
	$+ \{63^2\}$	$+ \{5^2 1^2\}$	$+ \{53^2 1\}$	$+ \{3^4\}$		
$\{21\} \otimes \{4\}$	$\{84\}$	$+ \{741\}$	$+ \{732\}$	$+ \{731^2\}$	$+ \{651\}$	$+ 2\{642\}$
	$+ \{641^2\}$	$+ 3\{6321\}$	$+ \{631^3\}$	$+ 2\{62^3\}$	$+ \{62^2 1^2\}$	$+ \{621^4\}$
	$+ \{5^2 1^2\}$	$+ 2\{543\}$	$+ 3\{5421\}$	$+ 2\{541^3\}$	$+ 3\{53^2 1\}$	$+ 2\{532^2\}$
	$+ 4\{5321^2\}$	$+ \{531^4\}$	$+ 3\{52^3 1\}$	$+ 2\{52^2 1^3\}$	$+ \{521^5\}$	$+ \{51^7\}$
	$+ \{4^3\}$	$+ \{4^2 31\}$	$+ 3\{4^2 2^2\}$	$+ 2\{4^2 21^2\}$	$+ \{4^2 1^4\}$	$+ 2\{43^2 2\}$
	$+ 3\{43^2 1^2\}$	$+ 3\{432^2 1\}$	$+ 3\{4321^3\}$	$+ \{431^5\}$	$+ 2\{42^4\}$	$+ \{42^3 1^2\}$
	$+ \{42^2 1^4\}$	$+ 2\{3^3 21\}$	$+ 2\{3^2 2^2 1^2\}$			
$\{21\} \otimes \{31\}$	$\{831\}$	$+ \{75\}$	$+ 2\{741\}$	$+ 2\{732\}$	$+ 2\{731^2\}$	$+ 2\{72^2 1\}$
	$+ \{721^3\}$	$+ 2\{651\}$	$+ 4\{642\}$	$+ 5\{641^2\}$	$+ 3\{63^2\}$	$+ 8\{6321\}$
	$+ 4\{631^3\}$	$+ 2\{62^3\}$	$+ 5\{62^2 1^2\}$	$+ 2\{621^4\}$	$+ \{61^6\}$	$+ 3\{5^2 2\}$
	$+ 2\{5^2 1^2\}$	$+ 4\{543\}$	$+ 10\{5421\}$	$+ 5\{541^3\}$	$+ 7\{53^2 1\}$	$+ 9\{532^2\}$
	$+ 12\{5321^2\}$	$+ 5\{531^4\}$	$+ 6\{52^3 1\}$	$+ 5\{52^2 1^3\}$	$+ 2\{521^5\}$	$+ 7\{4^2 31\}$
	$+ 4\{4^2 2^2\}$	$+ 8\{4^2 21^2\}$	$+ 2\{4^2 1^4\}$	$+ 6\{43^2 2\}$	$+ 7\{43^2 1^2\}$	$+ 11\{432^2 1\}$
	$+ 8\{4321^3\}$	$+ 2\{431^5\}$	$+ 2\{42^4\}$	$+ 5\{42^3 1^2\}$	$+ 2\{42^2 1^4\}$	$+ \{421^6\}$
	$+ \{3^4\}$	$+ 4\{3^3 21\}$	$+ 3\{3^3 1^3\}$	$+ 3\{3^2 2^3\}$	$+ 3\{3^2 2^2 1^2\}$	$+ 2\{3^2 21^4\}$
	$+ 2\{32^4 1\}$	$+ \{32^3 1^3\}$				
$\{21\} \otimes \{2^2\}$	$\{82^2\}$	$+ \{741\}$	$+ \{732\}$	$+ 2\{731^2\}$	$+ \{72^2 1\}$	$+ \{721^3\}$
	$+ \{6^2\}$	$+ \{651\}$	$+ 4\{642\}$	$+ 2\{641^2\}$	$+ \{63^2\}$	$+ 5\{6321\}$
	$+ 4\{631^3\}$	$+ 3\{62^3\}$	$+ 2\{62^2 1^2\}$	$+ 2\{621^4\}$	$+ \{5^2 2\}$	$+ 3\{5^2 1^2\}$
	$+ 2\{543\}$	$+ 7\{5421\}$	$+ 3\{541^3\}$	$+ 6\{53^2 1\}$	$+ 4\{532^2\}$	$+ 9\{5321^2\}$
	$+ 2\{531^4\}$	$+ 3\{52^3 1\}$	$+ 4\{52^2 1^3\}$	$+ \{521^5\}$	$+ 2\{4^3\}$	$+ 3\{4^2 31\}$
	$+ 6\{4^2 2^2\}$	$+ 4\{4^2 21^2\}$	$+ 3\{4^2 1^4\}$	$+ 3\{43^2 2\}$	$+ 6\{43^2 1^2\}$	$+ 7\{432^2 1\}$
	$+ 5\{4321^3\}$	$+ \{431^5\}$	$+ 3\{42^4\}$	$+ 2\{42^3 1^2\}$	$+ 2\{42^2 1^4\}$	$+ 2\{3^4\}$
	$+ 2\{3^3 21\}$	$+ \{3^3 1^3\}$	$+ \{3^2 2^3\}$	$+ 4\{3^2 2^2 1^2\}$	$+ \{3^2 21^4\}$	$+ \{3^2 1^6\}$
	$+ \{32^4 1\}$	$+ \{32^3 1^3\}$	$+ \{2^6\}$			

$\{21\} \otimes \{21^2\}$	$\{821^2\}$	$+ \{741\}$	$+ 2\{732\}$	$+ 2\{731^2\}$	$+ 2\{72^21\}$	$+ 2\{721^3\}$
	$+ \{71^5\}$	$+ 2\{651\}$	$+ 3\{642\}$	$+ 5\{641^2\}$	$+ 3\{63^2\}$	$+ 8\{6321\}$
	$+ 5\{631^3\}$	$+ 2\{62^3\}$	$+ 5\{62^21^2\}$	$+ 2\{621^4\}$	$+ 3\{5^22\}$	$+ 2\{5^21^2\}$
	$+ 4\{543\}$	$+ 11\{5421\}$	$+ 6\{541^3\}$	$+ 7\{53^21\}$	$+ 8\{532^2\}$	$+ 12\{5321^2\}$
	$+ 5\{531^4\}$	$+ 5\{52^31\}$	$+ 4\{52^21^3\}$	$+ \{521^5\}$	$+ \{4^3\}$	$+ 6\{4^231\}$
	$+ 4\{4^22^2\}$	$+ 9\{4^221^2\}$	$+ 2\{4^21^4\}$	$+ 7\{43^22\}$	$+ 7\{43^21^2\}$	$+ 10\{432^21\}$
	$+ 8\{4321^3\}$	$+ 2\{431^5\}$	$+ 2\{42^4\}$	$+ 5\{42^31^2\}$	$+ 2\{42^21^4\}$	$+ 4\{3^321\}$
	$+ 3\{3^31^3\}$	$+ 3\{3^22^3\}$	$+ 4\{3^22^21^2\}$	$+ 2\{3^221^4\}$	$+ 2\{32^41\}$	$+ 2\{32^31^3\}$
	$+ \{32^21^5\}$	$+ \{2^51^2\}$				
$\{21\} \otimes \{1^4\}$	$\{81^4\}$	$+ \{731^2\}$	$+ \{72^21\}$	$+ \{721^3\}$	$+ 2\{642\}$	$+ \{641^2\}$
	$+ 3\{6321\}$	$+ 2\{631^3\}$	$+ \{62^3\}$	$+ \{62^21^2\}$	$+ \{621^4\}$	$+ 2\{5^21^2\}$
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	$+ \{531^4\}$	$+ 2\{52^31\}$	$+ \{52^21^3\}$	$+ 2\{4^231\}$	$+ 3\{4^22^2\}$	$+ 2\{4^221^2\}$
	$+ 2\{4^21^4\}$	$+ \{43^22\}$	$+ 3\{43^21^2\}$	$+ 3\{432^21\}$	$+ 3\{4321^3\}$	$+ \{42^4\}$
	$+ \{42^31^2\}$	$+ \{42^21^4\}$	$+ \{3^4\}$	$+ 2\{3^321\}$	$+ 2\{3^22^21^2\}$	$+ \{3^221^4\}$
	$+ \{32^41\}$	$+ \{32^31^3\}$	$+ \{2^41^4\}$			
$\{1^3\} \otimes \{4\}$	$\{4^3\}$	$+ \{43^21^2\}$	$+ \{42^4\}$	$+ \{42^21^4\}$	$+ \{41^8\}$	$+ \{3^31^3\}$
	$+ \{3^22^21^2\}$	$+ \{32^31^3\}$	$+ \{32^21^5\}$	$+ \{2^6\}$		
$\{1^3\} \otimes \{31\}$	$\{4^231\}$	$+ \{43^21^2\}$	$+ \{432^21\}$	$+ \{4321^3\}$	$+ \{42^31^2\}$	$+ \{42^21^4\}$
	$+ \{421^6\}$	$+ \{3^321\}$	$+ 2\{3^31^3\}$	$+ \{3^22^3\}$	$+ \{3^22^21^2\}$	$+ 2\{3^221^4\}$
	$+ 2\{32^41\}$	$+ 2\{32^31^3\}$	$+ 2\{32^21^5\}$	$+ \{321^7\}$	$+ \{31^9\}$	$+ \{2^51^2\}$
	$+ \{2^41^4\}$	$+ \{2^31^6\}$				
$\{1^3\} \otimes \{2^2\}$	$\{4^22^2\}$	$+ \{43^21^2\}$	$+ \{4321^3\}$	$+ \{42^4\}$	$+ \{42^21^4\}$	$+ \{3^321\}$
	$+ 2\{3^22^21^2\}$	$+ \{3^221^4\}$	$+ \{3^21^6\}$	$+ \{32^41\}$	$+ \{32^31^3\}$	$+ \{32^21^5\}$
	$+ \{321^7\}$	$+ \{2^6\}$	$+ 2\{2^41^4\}$	$+ \{2^21^8\}$		
$\{1^3\} \otimes \{21^2\}$	$\{4^221^2\}$	$+ \{43^22\}$	$+ \{432^21\}$	$+ \{4321^3\}$	$+ \{431^5\}$	$+ \{42^31^2\}$
	$+ \{3^321\}$	$+ \{3^31^3\}$	$+ \{3^22^3\}$	$+ 2\{3^22^21^2\}$	$+ 2\{3^221^4\}$	$+ \{3^21^6\}$
	$+ \{32^41\}$	$+ 2\{32^31^3\}$	$+ 2\{32^21^5\}$	$+ \{321^7\}$	$+ 2\{2^51^2\}$	$+ \{2^41^4\}$
	$+ 2\{2^31^6\}$	$+ \{2^21^8\}$	$+ \{21^{10}\}$			
$\{1^3\} \otimes \{1^4\}$	$\{4^21^4\}$	$+ \{432^21\}$	$+ \{3^4\}$	$+ \{3^22^21^2\}$	$+ \{3^221^4\}$	$+ \{3^21^6\}$
	$+ \{32^31^3\}$	$+ \{2^6\}$	$+ \{2^41^4\}$	$+ \{2^31^6\}$	$+ \{2^21^8\}$	$+ \{1^{12}\}$
$\{4\} \otimes \{3\}$	$\{12\}$	$+ \{10\,2\}$	$+ \{93\}$	$+ \{84\}$	$+ \{82^2\}$	$+ \{741\}$
	$+ \{6^2\}$	$+ \{642\}$	$+ \{4^3\}$			
$\{4\} \otimes \{21\}$	$\{11\,1\}$	$+ \{10\,2\}$	$+ \{93\}$	$+ \{921\}$	$+ 2\{84\}$	$+ \{831\}$
	$+ \{75\}$	$+ \{741\}$	$+ \{732\}$	$+ \{651\}$	$+ \{642\}$	$+ \{543\}$
$\{4\} \otimes \{1^3\}$	$\{10\,1^2\}$	$+ \{93\}$	$+ \{831\}$	$+ \{75\}$	$+ \{741\}$	$+ \{63^2\}$
	$+ \{5^22\}$					

$\{31\} \otimes \{3\}$	$\{93\}$	$+ \{831\}$	$+ \{82^2\}$	$+ \{821^2\}$	$+ \{75\}$	$+ 2\{741\}$

$\{31\} \otimes \{3\}$
$\{93\}$ $+ \{831\}$ $+ \{82^2\}$ $+ \{821^2\}$ $+ \{75\}$ $+ 2\{741\}$
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$+ \{62^21^2\}$ $+ 2\{5^22\}$ $+ \{543\}$ $+ 4\{5421\}$ $+ \{541^3\}$ $+ \{53^21\}$
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$+ \{43^22\}$ $+ \{43^21^2\}$ $+ \{432^21\}$ $+ \{3^31^3\}$

$\{31\} \otimes \{21\}$
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$\{31\} \otimes \{1^3\}$
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$+ \{4^221^2\}$ $+ \{4^21^4\}$ $+ \{43^22\}$ $+ \{43^21^2\}$ $+ \{432^21\}$ $+ \{3^4\}$

$\{2^2\} \otimes \{3\}$
$\{6^2\}$ $+ \{642\}$ $+ \{62^3\}$ $+ \{5^21^2\}$ $+ \{5421\}$ $+ \{53^21\}$
$+ \{5321^2\}$ $+ \{4^3\}$ $+ 2\{4^22^2\}$ $+ \{4^21^4\}$ $+ \{43^21^2\}$ $+ \{432^21\}$
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$\{2^2\} \otimes \{21\}$
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$+ \{541^3\}$ $+ \{53^21\}$ $+ \{532^2\}$ $+ \{5321^2\}$ $+ \{52^31\}$ $+ \{4^231\}$
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$+ \{42^4\}$ $+ \{3^321\}$ $+ \{3^22^21^2\}$ $+ \{32^41\}$

$\{2^2\} \otimes \{1^3\}$
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$+ \{4^231\}$ $+ \{4^221^2\}$ $+ \{43^22\}$ $+ \{432^21\}$ $+ \{42^31^2\}$ $+ \{3^31^3\}$
$+ \{3^22^3\}$

$\{21^2\} \otimes \{3\}$
$\{63^2\}$ $+ \{62^21^2\}$ $+ \{61^6\}$ $+ \{5421\}$ $+ \{53^21\}$ $+ \{532^2\}$
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$+ 2\{32^31^3\}$ $+ \{32^21^5\}$ $+ \{2^51^2\}$ $+ \{2^31^6\}$

$\{21^2\} \otimes \{21\}$
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$+ 3\{43^22\}$ $+ 4\{43^21^2\}$ $+ 6\{432^21\}$ $+ 7\{4321^3\}$ $+ 3\{431^5\}$ $+ 2\{42^4\}$
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$+ 5\{3^22^21^2\}$ $+ 4\{3^221^4\}$ $+ \{3^21^6\}$ $+ 3\{32^41\}$ $+ 3\{32^31^3\}$ $+ 2\{32^21^5\}$
$+ \{321^7\}$ $+ \{2^51^2\}$ $+ \{2^41^4\}$

$\{21^2\} \otimes \{1^3\}$
$\{631^3\}$ $+ \{62^3\}$ $+ \{5421\}$ $+ \{53^21\}$ $+ \{532^2\}$ $+ 2\{5321^2\}$
$+ \{531^4\}$ $+ \{52^31\}$ $+ 2\{52^21^3\}$ $+ \{521^5\}$ $+ \{4^3\}$ $+ \{4^231\}$
$+ \{4^22^2\}$ $+ \{4^221^2\}$ $+ \{4^21^4\}$ $+ \{43^22\}$ $+ 3\{43^21^2\}$ $+ 3\{432^21\}$
$+ 3\{4321^3\}$ $+ \{431^5\}$ $+ 2\{42^4\}$ $+ 2\{42^31^2\}$ $+ 3\{42^21^4\}$ $+ \{421^6\}$
$+ \{41^8\}$ $+ \{3^4\}$ $+ \{3^321\}$ $+ 2\{3^31^3\}$ $+ \{3^22^3\}$ $+ 3\{3^22^21^2\}$
$+ \{3^221^4\}$ $+ \{3^21^6\}$ $+ \{32^41\}$ $+ 2\{32^31^3\}$ $+ \{32^21^5\}$ $+ \{2^6\}$

$\{1^4\} \otimes \{3\}$	$\{3^4\}$	$+ \{3^2 2^2 1^2\}$	$+ \{3^2 1^6\}$	$+ \{3 2^3 1^3\}$	$+ \{2^6\}$	$+ \{2^4 1^4\}$
	$+ \{2^3 1^6\}$	$+ \{2^2 1^8\}$	$+ \{1^{12}\}$			
$\{1^4\} \otimes \{21\}$	$\{3^3 21\}$	$+ \{3^2 2^2 1^2\}$	$+ \{3^2 2 1^4\}$	$+ \{3 2^4 1\}$	$+ \{3 2^3 1^3\}$	$+ \{3 2^2 1^5\}$
	$+ \{3 2 1^7\}$	$+ \{2^5 1^2\}$	$+ 2\{2^4 1^4\}$	$+ \{2^3 1^6\}$	$+ \{2^2 1^8\}$	$+ \{2 1^{10}\}$
$\{1^4\} \otimes \{1^3\}$	$\{3^3 1^3\}$	$+ \{3^2 2^3\}$	$+ \{3 2^3 1^3\}$	$+ \{3 2^2 1^5\}$	$+ \{3 1^9\}$	$+ \{2^5 1^2\}$
	$+ \{2^3 1^6\}$					