

Information Columns				Redundant Columns		
1	2	3	4	1	2	3
$s_{0,1}$	$s_{0,2}$	$s_{0,3}$	$s_{0,4}$	$s_{0,1} + s_{0,2} + s_{0,3} + s_{0,4}$	$s_{11,1} + s_{10,2} + s_{8,3} + s_{0,4}$	$s_{0,1} + s_{8,2} + s_{10,3} + s_{11,4}$
$s_{1,1}$	$s_{1,2}$	$s_{1,3}$	$s_{1,4}$	$s_{1,1} + s_{1,2} + s_{1,3} + s_{1,4}$	$s_{0,1} + s_{11,2} + s_{9,3} + s_{1,4}$	$s_{1,1} + s_{9,2} + s_{11,3} + s_{0,4}$
$s_{2,1}$	$s_{2,2}$	$s_{2,3}$	$s_{2,4}$	$s_{2,1} + s_{2,2} + s_{2,3} + s_{2,4}$	$s_{1,1} + s_{0,2} + s_{10,3} + s_{2,4}$	$s_{2,1} + s_{10,2} + s_{0,3} + s_{1,4}$
$s_{3,1}$	$s_{3,2}$	$s_{3,3}$	$s_{3,4}$	$s_{3,1} + s_{3,2} + s_{3,3} + s_{3,4}$	$s_{2,1} + s_{1,2} + s_{11,3} + s_{3,4}$	$s_{3,1} + s_{11,2} + s_{1,3} + s_{2,4}$
$s_{4,1}$	$s_{4,2}$	$s_{4,3}$	$s_{4,4}$	$s_{4,1} + s_{4,2} + s_{4,3} + s_{4,4}$	$s_{3,1} + s_{2,2} + s_{0,3} + s_{4,4}$	$s_{4,1} + s_{0,2} + s_{2,3} + s_{3,4}$
$s_{5,1}$	$s_{5,2}$	$s_{5,3}$	$s_{5,4}$	$s_{5,1} + s_{5,2} + s_{5,3} + s_{5,4}$	$s_{4,1} + s_{3,2} + s_{1,3} + s_{5,4}$	$s_{5,1} + s_{1,2} + s_{3,3} + s_{4,4}$
$s_{6,1}$	$s_{6,2}$	$s_{6,3}$	$s_{6,4}$	$s_{6,1} + s_{6,2} + s_{6,3} + s_{6,4}$	$s_{5,1} + s_{4,2} + s_{2,3} + s_{6,4}$	$s_{6,1} + s_{2,2} + s_{4,3} + s_{5,4}$
$s_{7,1}$	$s_{7,2}$	$s_{7,3}$	$s_{7,4}$	$s_{7,1} + s_{7,2} + s_{7,3} + s_{7,4}$	$s_{6,1} + s_{5,2} + s_{3,3} + s_{7,4}$	$s_{7,1} + s_{3,2} + s_{5,3} + s_{6,4}$