

Encodings at the relays					
$p_1$	$p_2$	$p_3 + p_4$	$p_4 + p_5$	$p_5 + p_6$	$p_6 + p_1$
$p_4$	$p_5 + p_8$	$p_6 + p_7$	$p_7 + p_8$	$p_8 + p_9$	$p_9 + p_4$
$p_7$	$p_8 + p_2$	$p_9 + p_1$	$p_1 + p_2$	$p_2 + p_3$	$p_3 + p_7$

for 9 packets and redundancy 2 when  $k = 3$  and  $L_G = 4$