

Trellis Termination

Kwame Ackah Bohulu

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codeword weight	estimated multiplicity	caused by
8	1	$D^{N-3} + D^{N-2}$
10	N-3	$(1 + D^3)D^q \quad q = 0 : N - 4$

Table 1: RSC 5/7 component encoder, $\tau = 3$, input weight = 2

codeword weight	estimated multiplicity	caused by
7	N-2	$(1 + D + D^2)D^s \quad s = 0 : N - 2$
8,9	2	$(D^{N-5} + D^{N-4} + D^{N-2})D^s \quad s = 0 : 1$

Table 2: RSC 5/7 component encoder, $\tau = 3$, input weight = 3

codeword weight	estimated multiplicity	caused by
8	N-4	$(1 + D + D^3 + D^4)D^t \quad t = 0 : N - 5$
9,10	2	$(D^{N-7} + D^{N-6} + D^{N-4} + D^{N-2})D^t \quad t = 0 : 1$

Table 3: RSC 5/7 component encoder, $\tau = 3$, input weight = 4

codeword weight	estimated multiplicity	caused by
8	1	$(D^{N-3} + D^{N-2}), (D^{N-4} + D^{N-3})$
10	N-4	$(1 + D^4)D^q \quad q = 0 : N - 5$

Table 4: RSC 37/21 component encoder, $\tau = 4$, input weight = 2

codeword weight	estimated multiplicity	caused by
8	1	$D^{N-5} + D^{N-4} + D^{N-1}$
10	3	$(D^{N-9} + D^{N-8} + D^{N-1}), (D^{N-6} + D^{N-4} + D^{N-2}), (D^{N-5} + D^{N-3} + D^{N-1})$

Table 5: RSC 37/21 component encoder, $\tau = 4$, input weight = 3

codeword weight	estimated multiplicity	caused by
8	N-5	$(1 + D + D^4 + D^5)(D^t) \quad t = 0 : N - 6$
10	3	$(D^{N-9} + D^{N-8} + D^{N-5} + D^{N-3})(D^t) \quad t = 0 : 2$

Table 6: RSC 37/21 component encoder, $\tau = 4$, input weight = 4