

Information Theory

Problem Set 05 - Stream Codes

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- (a) Handmade exercise.

λ	0000000000000000	10000000000000						
source substr	λ	0	00	0^3	0^4	001	0^5	0^6
$s(N)$	0	1	2	3	4	5	6	7
$s(N)_{\text{binary}}$	000	001	010	011	100	101	110	111
(p_{tr}, b_{tr})		$(1,0)$	$(1,0)$	$(10,0)$	$(11,0)$	$(010,1)$	$(100,0)$	$(110,0)$
■ Encoding:								
	0	10	100	110	0101	1000	1100	

- (b) Handmade exercise.

