

MATH 4280 – Hurley – homework problem February 1, 2008

1. Find an r -ary Huffman encoding for a source with the probabilities $p_i = 0.3, 0.2, 0.2, 0.1, 0.1, 0.1$ for $r = 3$ and $r = 4$
2. Find an r -ary Huffman encoding for a source with the probabilities $p_i = 0.8, 0.11, 0.05, 0.02, 0.01, 0.005, 0.005$ for $r = 3$, $r = 4$ and $r = 5$.