





Huffman Alg.: Discussion Decoding for the above two algorithms is trivial as long as the coding table (the statistics) is sent before the data. There is an overhead for sending this, negligible if the data file is big. Unique Prefix Property: no code is a prefix to any other code (all symbols are at the leaf nodes) --> great for decoder, unambiguous: unique Decipherability? If prior statistics are available and accurate, then Huffman coding is very good. Number of bits (per symbol) needed for Huffman Coding is: 87 / 39 = 2.23 Number of bits (per symbol)needed for Shannon-Fano coding is: 89 / 39 = 2.28