Homework 4

Michael Anderson April 25, 2011

CS517

Prof. Cull

First, we have that given an input alphabet Σ , the size of Σ^* is the sum of the number of length-0 strings, length-1 strings, length-2 strings, and so on, over the elements of Σ :

$$|\Sigma^*| = \sum_{\Sigma}$$