

Arithmetic Coding (basic idea)

- ▶ Easier notation: represent characters by numbers
 $1 \leq c_t \leq |\Sigma|$. (English: $|\Sigma| = 26$)
- ▶ message-prefix c_1, c_2, \dots, c_{t-1} represented by line segment $[l_{t-1}, u_{t-1})$