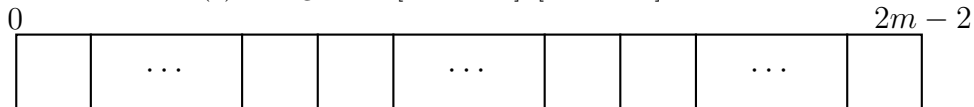
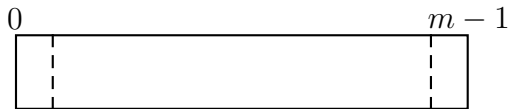
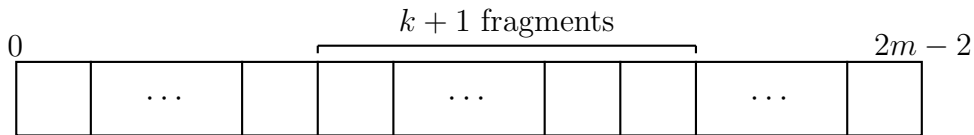


(a) String $x' = x[0..m-1]x[0..m-2]$



(b) Partition x' in $2k+4$ fragments of length $\ell_f = (2m-1)/(2k+4)$



(c) $m > (k+2)\ell_f$; any factor of length m of x' contains at least $k+1$ of the $2k+4$ fragments