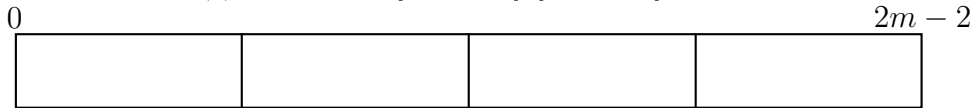
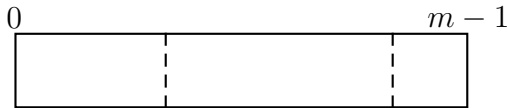
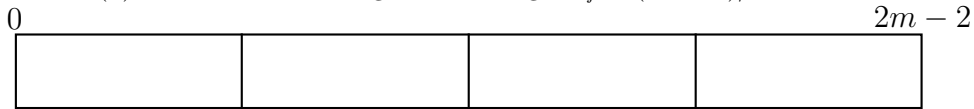


(a) String $x' = x[0..m-1]x[0..m-2]$



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



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