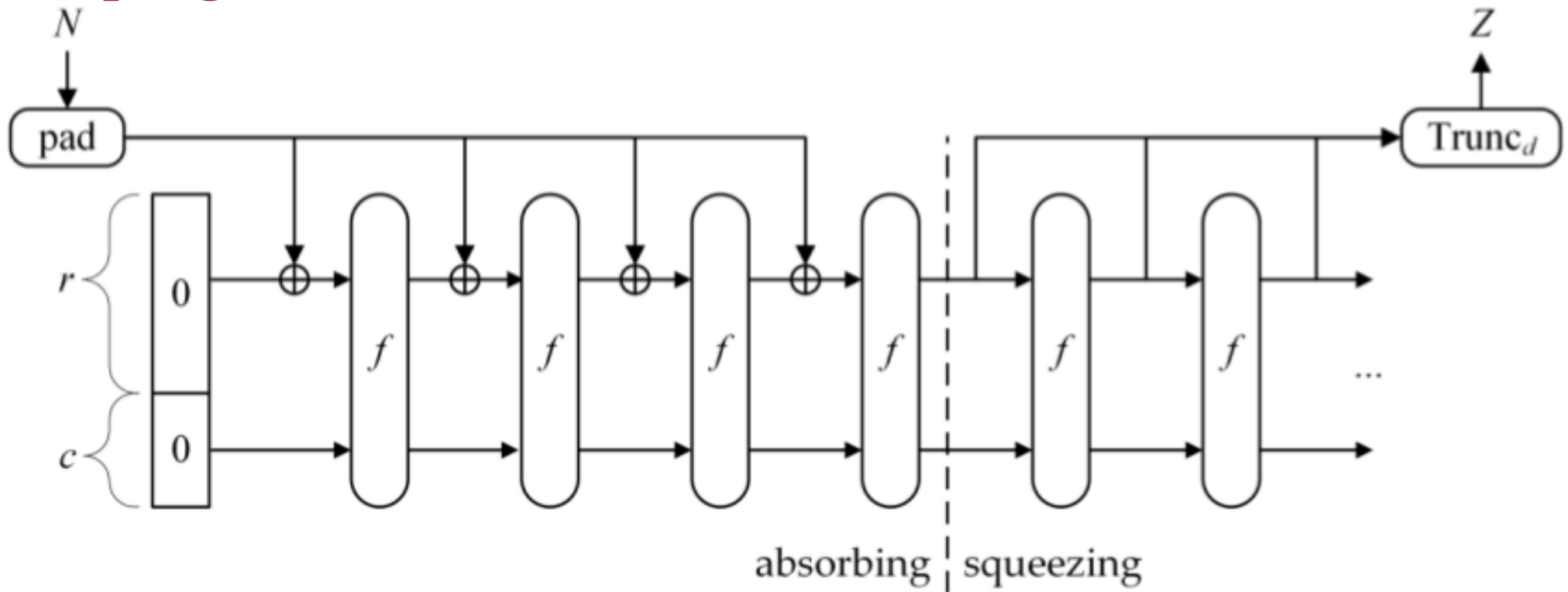


# Hash Algorithms

# SHA-3

## sponge construction:



The rate  $r$  is a positive integer that is strictly less than the width  $b$ .  
The capacity  $c$  is such that  $r + c = b$ .