

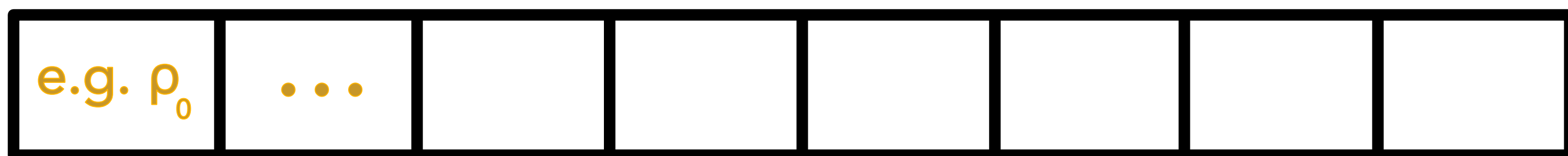
# DFT storage convention

real space array

$N = 8$

array index

0 1 2 3 4 5 6 7



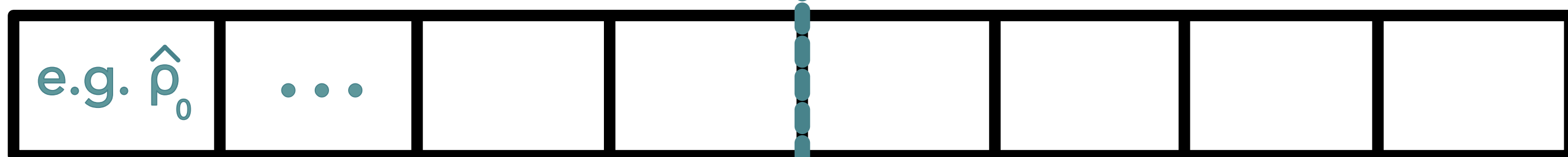
0 1 2 3 4 5 6 7

index  $p$  with  $x = \frac{L}{N}p$

## Fourier transformed array

array index

0 1 2 3 4 5 6 7



0 1 2 3 -4 -3 -2 -1

positive frequencies

negative frequencies

index  $l$  with  $k = \frac{2\pi}{L}l$