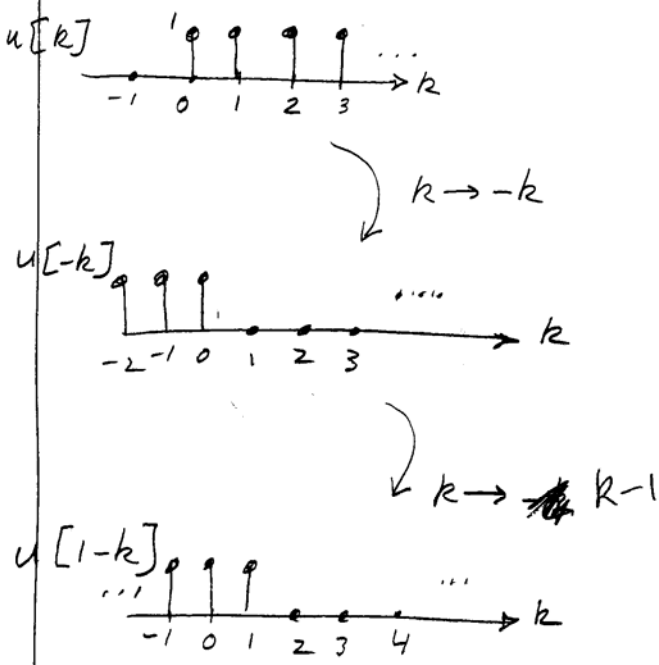
Supplement

ex of time reverse and shift

$$u[k] \xrightarrow[\text{time reverse}]{k \to -k} u[-k] \xrightarrow[\text{shift 1 right}]{k \to k-1} u[-(k-1)] = u[-k+1] = u[1-k]$$



∴ So $u[-k]$ shifted one to the right is $u[-k+1] = u[1-k]$

This number tells how far $u[-k]$ is shifted to the right

EX	$u[5-k]$	is	$u[-k]$ shifted	5 to the right
	$u[-2-k]$	is	$u[-k]$ shifted	2 to the left
	$u[-k]$	is	$u[-k]$ without a shift	