Length-N Sequence	N-point DFT
$x[n]$	$X[k] = \mathrm{Re}\{X[k]\} + j\,\mathrm{Im}\{X[k]\}$
$x_{\mathrm{pe}}[n]$	$\mathrm{Re}\{X[k]\}$
$x_{\mathrm{po}}[n]$	$j\,\mathrm{Im}\{X[k]\}$
Symmetry relations	$X[k] = X^*[\langle -k \rangle_N]$
	$\mathrm{Re}\,X[k] = \mathrm{Re}\,X[\langle -k \rangle_N]$
	$\mathrm{Im}\,X[k] = -\mathrm{Im}\,X[\langle -k \rangle_N]$
	$\lvert X[k] \rvert = \lvert X[\langle -k \rangle_N] \rvert$
	$\arg X[k] = -\arg X[\langle -k \rangle_N]$

Note: $x_{\mathrm{pe}}[n]$ and $x_{\mathrm{po}}[n]$ are the periodic even and periodic odd parts of $x[n]$, respectively.