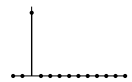
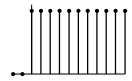
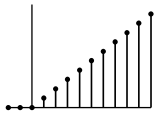
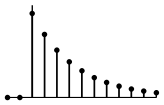
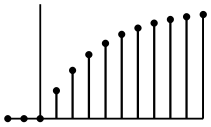
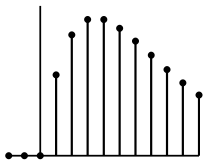
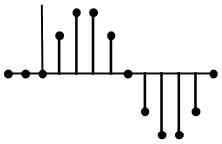
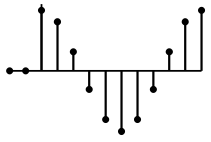
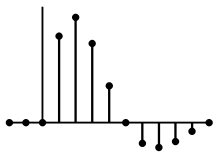
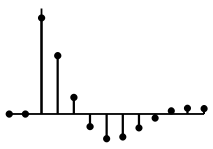
TABLE DE TRANSFORMEES EN Z

	x(n)	X(z)
	Impulsion $x(n) = \delta(n)$	1
	Echelon unité $x(n) = u(n)$	$\frac{1}{1-z^{-1}} = \frac{z}{z-1}$
	Rampe $x(n) = n.u(n)$	$\frac{z^{-1}}{\left(1-z^{-1}\right)^2} = \frac{z}{\left(z-1\right)^2}$
	« Exponentielle » $x(n) = a^n.u(n)$	$\frac{1}{1-a.z^{-1}} = \frac{z}{z-a}$
	$\left(1-a^n\right).u(n)$	$\frac{\left(1-a\right).z^{-1}}{\left(1-z^{-1}\right).\left(1-a.z^{-1}\right)} = \frac{\left(1-a\right).z}{\left(z-1\right).\left(z-a\right)}$
	$n.a^n.u(n)$	$\frac{a.z^{-1}}{\left(1-a.z^{-1}\right)^2} = \frac{a.z}{\left(z-a\right)^2}$
	Sinus $\left[\sin\left(n.\omega_0.T_E\right)\right].u(n)$	$\frac{\sin\left(\omega_0.T_E\right).z^{-1}}{1-2.\cos\left(\omega_0.T_E\right).z^{-1}+z^{-2}} = \frac{\sin\left(\omega_0.T_E\right).z}{z^2-2.\cos\left(\omega_0.T_E\right).z+1}$
	Cosinus $\left[\cos\left(n.\omega_0.T_E\right)\right].u(n)$	$\frac{1-\cos\left(\omega_0.T_E\right).z^{-1}}{1-2.\cos\left(\omega_0.T_E\right).z^{-1}+z^{-2}} = \frac{z^2-\cos\left(\omega_0.T_E\right).z}{z^2-2.\cos\left(\omega_0.T_E\right).z+1}$
	Oscillations amorties $a^n.\left[\sin\left(n.\omega_0.T_E\right)\right].u(n)$	$\frac{a.\sin\left(\omega_0.T_E\right).z^{-1}}{1-2.a.\cos\left(\omega_0.T_E\right).z^{-1}+a^2.z^{-2}} = \frac{a.\sin\left(\omega_0.T_E\right).z}{z^2-2.a.\cos\left(\omega_0.T_E\right).z+a^2}$
	$a^n.\left[\cos\left(n.\omega_0.T_E\right)\right].u(n)$	$\frac{1-a.\cos\left(\omega_0.T_E\right).z^{-1}}{1-2.a.\cos\left(\omega_0.T_E\right).z^{-1}+a^2.z^{-2}} = \frac{z^2-a.\cos\left(\omega_0.T_E\right).z}{z^2-2.a.\cos\left(\omega_0.T_E\right).z+a^2}$