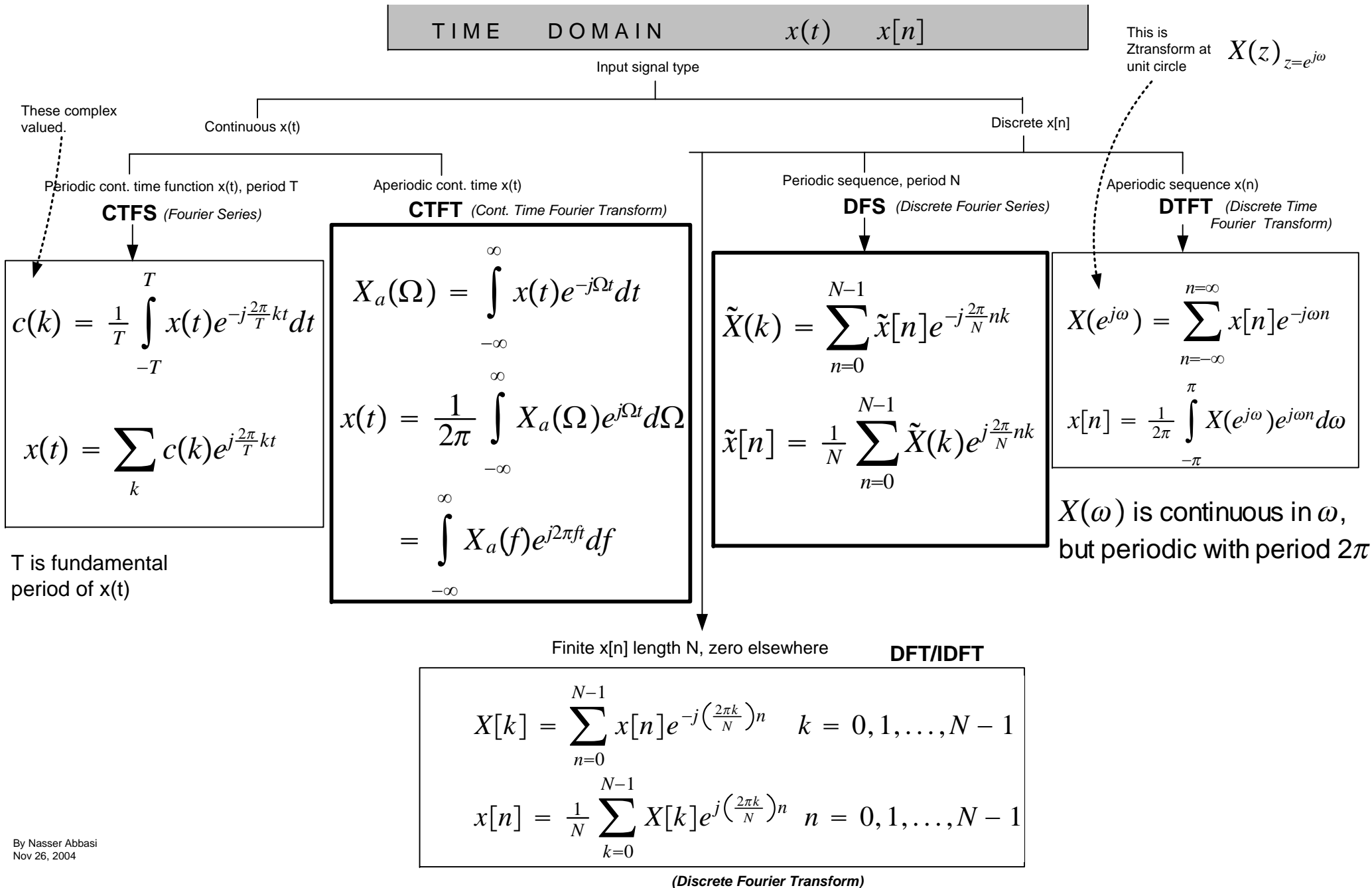


Note: Ω measured in rad/sec is the radian frequency used for the continuous time case.
 ω measured in radians only (not radians/sec) and is the radian frequency used for the discrete time case.
 f is in Hz (cycles per second) for continuous time case and in cycles per sample for the discrete time case



This is Ztransform at unit circle $X(z)_{z=e^{j\omega}}$