

ISP Cheat Sheet

by alexey192 via cheatography.com/191217/cs/39735/

Periodic signals

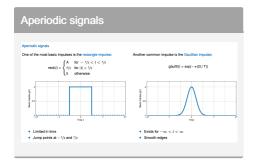
Periodic signals

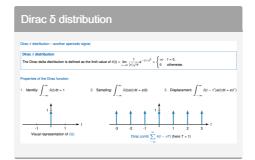
A signal is periodic with base period T0 > 0 if for all $n \in N$ holds that s(t) = s(t + nT0) where • T0 denotes the smallest value such that the definition holds,

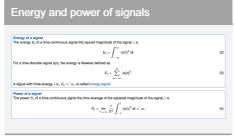
• f0 = 1/T0 denotes the base frequency of the signal given in Hz, and • $\omega 0$ = $2\pi f0$ is called angular frequency.

Note: The angular frequency may be given in rad/s, where 1 rad =

1/2π Hz









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