

		Wide Sense Stationary		Not Wide Sense Stationary ⇒ also not Strict Sense Stationary
		Strict Sense Stationary	Not Strict Sense Stationary	
		Ergodic	Not Ergodic	
Periodic	$10 \sin(2\pi t + \theta)$ where θ is a random variable uniformly distributed in the interval $[0, 2\pi]$.	$r \sin(2\pi t + \theta)$ where r, θ are two statistically independent random variables and θ is uniformly distributed in the interval $[0, 2\pi]$.	There is no Gaussian Process in here. The process defined by equation (3.101) at page 177 in W&J.	
Non-Periodic	Some of the Wide Sense Stationary Gaussian processes (refer to theorem 44 in the notes).	Some of the Wide Sense Stationary Gaussian processes. Binary Random Process.	Some of the Gaussian processes. The process of example 3.1.1 consisting of the sample functions $\{2, \sin(t)\}$. The process of figure 3.14 at page 144 in W&J.	