https://www.google.com/search?q=y(t)%3Dx(sin(t))+time+invariant&oq=time+invariant+y(t)%3Dx(t)&aqs=chrome.4.69i57j0l4.88330j0j7&sourceid=chrome&ie=UTF-8

Mensen vragen ook

...

What makes a system time invariant?

… A **time**-**invariant system** is one whose behavior (its response to inputs) does not change with **time**. **Time invariance** is a mathematical fiction. No man-**made** electronic **system** is **time invariant** in the strict sense.

…

What does it mean to be time invariant?

A **time**-**invariant** (TIV) system has a **time**-dependent system function that is not a direct function of **time**. Such systems are regarded as a class of systems in the field of system analysis. ... Conversely, any direct dependence on the **time**-domain of the system function **could** be considered as a "**time**-varying system".

…