$f(h,h') = \begin{cases} \begin{cases} f(h,d) & e^{-2\pi i \cdot k/3} \\ e^{-2\pi i \cdot h/3} \end{cases} \\ = \begin{cases} \begin{cases} 2\pi i \cdot h/3 \\ \end{cases} \\ \end{cases} \\ = \begin{cases} \begin{cases} f(h,d) \\ \end{cases} \end{cases} \\ \end{cases}$



Etw signal = feithx-ve)

+ Eze i(hzx-ve) Stational+ mist. (n: ")= 9ai-il f(x), <f(x) - (x+dx) > = g(dx) => s+g+iongx (f(k)f*(h')) = (5f(4)e <1... 5f(4') e 8x2 x'-+, x'=x+65x 275itx/2 -HZVih Cxuly 7 (f(h) f(h')) 2 2 f(4) e (x+dx)e20 it dy x f(x) f(x+dx) 20 (h1-4)x/n>

=0 if h xx (files) a f T(g) of wiere hinchis theorem. for stat ings noise that the following - LT (gay) $\langle n: n; \rangle = 0$ it it; g(d4) = 1 further = 0= 0 firther = 0

Ft (delta) = Flat, constant in funcior space, un correlated wise => un correlated moise ul white wise" (f(x) - 5 (x m/y) = (dx -) f(x) - (x m/y) = F(h) ~ h^-?