再将6组信號信移至

2. (i) exp (j1021) Y(t)

Pue to (i) only vertical shifting (ii) will be a chirp

(iii) will rotation (iv) convolution with chirp

we selected (i) is a stationary random process

- The difference of IMF and sinusoid function

 The frequency and amplitude is fix in sinusoid function

 IMF is more flexable, not fixed amplitude and frequency
 - (2) (ii) is an IMF fixed amplitude and not fixed amplitude and local minimum add maximum would close to zero.

 X (i) local minimum add maximum not near to zero.
- 4.
 (a) Signal modulation 我們可利用Grabor Transform 去查看可能置信號 之位置,若用WDF 含有 Cross tem 之問題
- (b) random process analysis 可利用WPF 图WDF之期望值為 Auto-covariance function 對其從+100-0的積分可得 Power Special density
- C) Climate data onalysis 適合 HHT 国可分析出频域外信號的上升 或下降趨勢
 - (d) signal sampling 国信號取構時有可能遇到交靈信號, 所以利用 Gabor transform 為往

6. a Vanish mannent 越高, 则 mother wavelet 越偏向高频分析高频成份效果越佳

(b)
$$\chi(t) = \frac{1+at+bt^2}{0} =$$

$$\frac{3b+2a+2-(-\frac{8}{3}b+7a-2)}{\frac{16}{3}b+4}=0$$

$$\frac{16}{3}b+4=0$$

$$\frac{b=-4\times\frac{3}{16}=-\frac{3}{4}}{4b+3a+2-(4b-\frac{8}{3}a+2)=0}$$

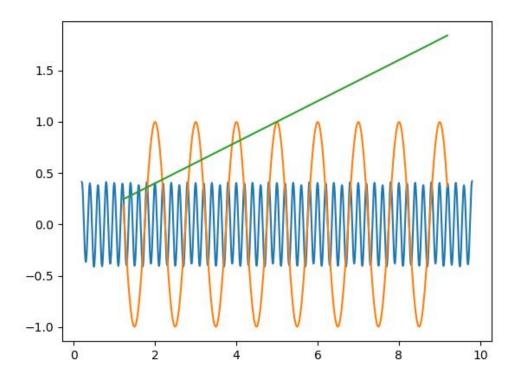
$$\frac{16}{3}a=a$$

$$\frac{16}{3}a=a$$

$$\frac{16}{3}a=a$$

$$\frac{16}{3}a=a$$

上課加分(0,5): 0=1.9143



The three component of HHT transform