

# Sinyal Waktu Diskrit

Latihan

- $x[n] = [1 \ 1 \ 0 \ 1]$  hitung  $\sum_0^4 [x[n]]^2$
- Contoh sinyal dua dimensi adalah ...
- Hitung periode fundamental dari  $x[n] = \cos\left(\frac{\pi n}{4}\right) + \sin\left(\frac{\pi n}{3}\right)$   
 hint:  $\cos\left(\frac{\pi n}{4}\right) = \cos\left(\frac{\pi}{4}(n + N)\right), \frac{\pi N}{4} = 2\pi$   
 $N = \frac{N1.N2}{\gcd(N1,N2)}, \gcd = \text{FPB}$