Daily Assessment format Name Tyotis. Donne Date: 23/5/2020 USM: GALITECOST lousse: Dsp Topic fourier scries repository: jyoti-consses Gillinb forenoon sumon details image of sussion 1. introduction 3. inner product in hilbert transform 2 fourier series part 1,2 4. Complex jourier series 5. Jourier series using Mathab 6. fourier series wing python 7 Jonsier series & gibbs phenomena 2. Coordinate transform-used for image compression Discrete Jonnier transform

Sit converts a finite signence of cqually spaced

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samples of a function into a same length sequence of

samples of a function into a same length sequence of 4. Jast Joneses transform (FFT) equally-samples of DIFT Analyzing the Incs A Joneier series is a way of representing a periodic que as a sum of sine & cosine quartions. It is analogous to a taylor series, which represent ince as postibly infinite sums of monomial terms. A Bantooth name represented by a successively larger sum of teignometric terms.

n=1/5(a) (os(ma) da=0, m)/0 bn=1 1 5 5(2) sin(n2) da  $= \frac{-2}{\pi n} \cos(n\pi) + \frac{2}{\pi^2 n^2} \sin(n\pi)$   $= \frac{2(-1)^{n+1}}{\pi n}, n > 1$ A hilbert space of its a real or complex inner product

Space that is also a complete metric by the inner

Yespect to the distance for induced by the inner Complex Jonnier Serier is presented first with

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period 2ti, then with general period

ming matlab.

Bate: 23/5/2020 Daily assessment gormal Topse edde challenge Name: If it's Donne USN: GALTTECO37 repository: jy. h-conses Afternoon session Report challenge write python code to verify user name: "Micheal"& password = "e3\$WT89x". The total no of attempts are o3 for every wrong user name and password prentimpalid usurame or password, upon three attempts if Enpits are correct print-you have successfully login code attempt = 0 while attempt 23: uses\_name = input ("Enter the username:") password = input ("Enter the password") if user name: "Micheal" and password: "e3\$WT89x": print (you have successfully loged in") else Print ("Invalid username or password") print ("Account locked") outpul -Enter the neuname: Micheal Enter the password: e3\$WT89x you have Euccesquely Logged in Enter the username: e enter the password; of

