MATLAB Punctions

- O to get Z transform

 Syms Z n

 a = Ztrans (1116°n);
- 2 to get inverse 2 transform syms 2 n B = i 2trans (3*2/(2+1));
- Ofrom Partial fraction form to rational form and V.V

[riPik] = residue Z(dib) den

[a,b] = residuez (riP,K) srow vector
codemn vectors

(4 to get Poles & Zeros

rootS(den) -> Poles

6 to Plot Poles & Zeros
ZPlane (aib)

6 to get freq. response (H(Z)) of a system

[hiw] = freq = (a1b, n) [h] = freq = (a1b) w)

n: no of evaluation Points U: angular freq. normalized from O: IT

to transfer fun. from Zeros & Poles

ZPztf (Z,P,K) Logain of the system

& to get the time domain OIP of asystem

y = filter (a1b, inPut)

@ generate impulse seq.

delta = impseq (no, ni, nz)

Logenerate vector from ni tonz Contains

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Zevos except for n=no, the sample=1

a= impseq (5,009)

a= [000000]0000]