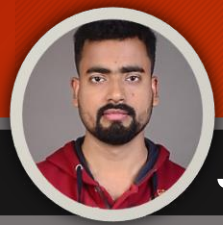
Online Matlab Training - 2020

Level 1 – session D02 Matrix operation



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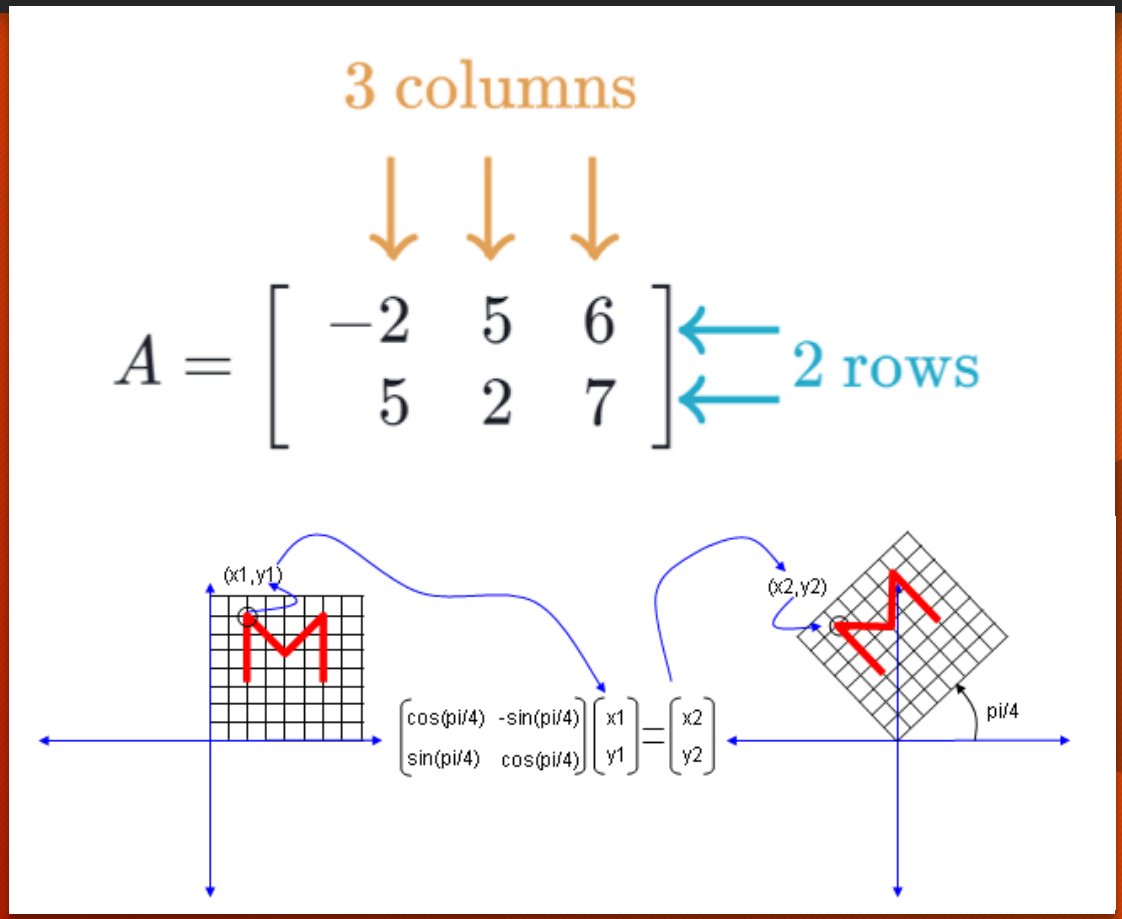
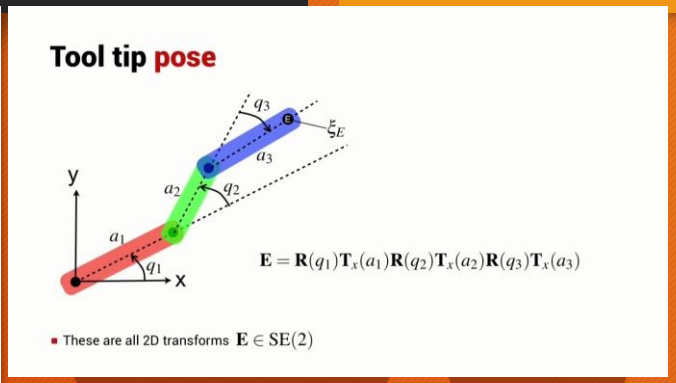
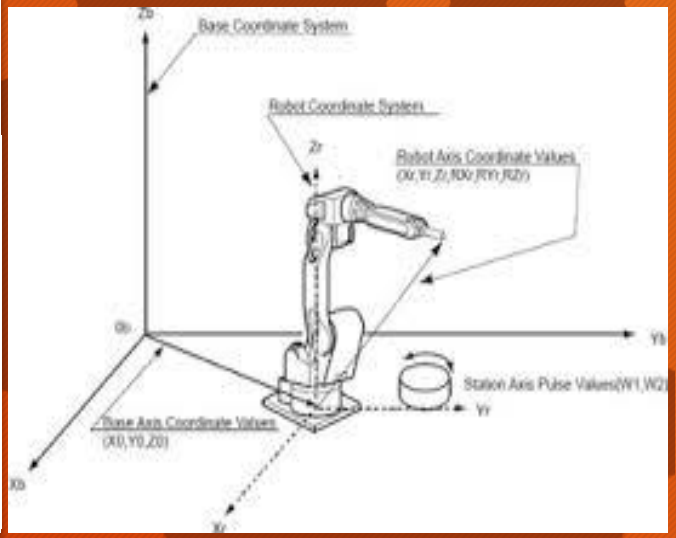
Today's Agenda

$$A = \begin{pmatrix} a_{11} & a_{12} & \cdots & a_{1n} \\ a_{21} & a_{22} & \cdots & a_{2n} \\ \vdots & \vdots & \ddots & \vdots \\ a_{m1} & a_{m2} & \cdots & a_{mn} \end{pmatrix}$$

- Quick revision
- Introduction to Matrix.
- Matrix operation
- Application of Matrix







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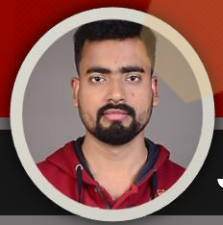
Mathematical Functions

Trigonometry			
Radian			Degree
Basic	Hyperbolic	Inverse	Basic
sin	sinh	asin	sind
cos	cosh	acos	cosd
tan	tanh	atan	tand
cot	coth	acot	cotd
sec	sech	asec	secd
csc	csch	acsc	cscd

Exponential	Complex	Discrete Math	Matrix
exp	abs	factorial	det
log	conj	gcd	trace
log10	imag	lcm	rank
log2	real	primes	inv
sqrt	angle		expm



Thank you

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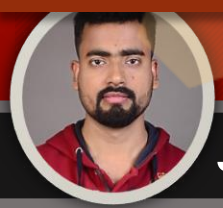
https://www.linkedin.com/in/jai-mangal-singh-a0bb544a
Email: jaimangalsci@gmail.com



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