

ASSIGNMENT-1

The following mathematical operators and functions are important in the handling of Engineering problem taking the arguments or data of your choice give the MATLAB output along with brief discussion.

sin, sind, sinh

asin, asind, asinh

atand, atanh, atan2 (four quadrant \tan^{-1}),

cos, cosd, cosh, acos, acosd

cscd, csch, acsc, acscd, acsch

linspace (0, 1, 10), logspace (0,3,4), :

ones(m), zeros(n,m), eye (n,m), rand (m,n)

rot90, fliplr, flipud, tril, triu, reshape

format: short, long, short e, rat, bank

who, whos, what, clear, clear all, clear x y z, mlock fun, unlock fun, clc, clf

sqrtm, sqrt, exp, expm, log10, log, logm, nthroot (x,3)

eval, feval, inline, plot