

Funktioner som går igenom på föreläsningarna. Tips, hitta information om kommandona i appendix A i läroboken.

Kap 1.

sqrt
clc, clear
format long, format short
sin, asin, dsin, cos, tan, cot
log, exp
length
roots
save, load, diary
plot, xlabel, ylabel, title, gtext
help, doc, lookfor

Kap 2.

linspace
find, max, min
length, norm, size
sum, sort
eye, ones, zeros
dot, cross
inv, det
roots, poly, polyval
conv, deconv

Kap 3.

input, disp
function
global
fminbnd, fminsearch, fzero
fsolve
sinh, cosh, tanh
asinh, acosh, atanh

Kap 4.

logical
all, any
find
if, else, elseif, end
for, while
break, continue

Kap 5.

grid, axis
subplot, plot3
hold, figure
polyfit, polyval

Kap 7.

trapz, quad, quad1
dblquad, triplequad
polyint
diff
polyder
gradient
ode45, ode15s
eig
tf, ss, tfdata, ssdata
initial, step, impulse, isim

Kap 8.

sym, syms
solve
diff
int
dsolve