Enter function(s) in the Input field(s):

Input ===> A - 2.0E-9

===> B - 5.0E8

===> X - (1-A)

===> X + A*Y - 1.0

===> 3.0*X - B*Y + (B-1.0)*Z - (2.0-3.0*A)

Enter the start values for the unknowns.

A ===> 2.0E-9

B ===> 5.0E8

X ===> 1.0

Y ===> 1.0

Z ===> 2.0

Press ENTER to start Newton iteration or END KEY (PF3) to terminate PF1=Help

IDLE

---------- Nonlinear Systems - Values ------ SINGULAR JACOBIAN

COMMAND ===>

Enter function(s) in the Input field(s):

Input ===> z - 2.0E-9

===> y - 5.0E8

===> X - (1-z)

===> X + z*b - 1.0

===> 3.0*X - y*b + (y-1.0)*a - (2.0-3.0*z)

Enter the start values for the unknowns.

A ===> 2.0

B ===> 1.0

X ===> 1.0

Y ===> 5.0e8

Z ===> 2.0e-9

Press ENTER to start Newton iteration or END KEY (PF3) to terminate PF1=Help

IDLE

---------- Nonlinear Systems - Approximation ------- 4 ITERATIONS

COMMAND ===>

The command V can be used to go back to the 'Values' panel.

Unknown	Result	Last correction
A	0.1000000000000000D+01	-0.3289D-25
B	0.1000000000000000D+01	-0.3289D-25
X	0.9999999980000000D+00	-0.1283D-16
Y	0.5000000000000000D+09	0.0000D+00
Z	0.2000000000000000D-08	-0.3053D-25

Unknown	Result
A	(0.9999999999999999D+00 , 0.1000000000000001D+01)
B	(0.9999999999999999D+00 , 0.1000000000000001D+01)
X	(0.9999999979999999D+00 , 0.9999999980000001D+00)
Y	(0.5000000000000000D+09 , 0.5000000000000000D+09)
Z	(0.1999999999999999D-08 , 0.2000000000000001D-08)