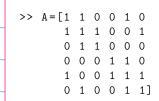
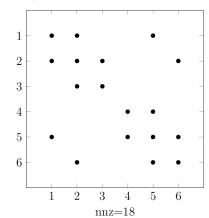
Example 4

Define the matrix A, from Example 2, in MATLAB, followed by the command spy(A), gives:

Fig 4. Sparsity pattern for matrix A



>> spy(A)



(.a)

XY=[0 0;

gplot(A, xy, k-x')

1 し

2 |

3 0

2 -12

1 -17

2.5 2 1.5 0 -0.5 -1 -1.5 -2

1. b

		[1		0			1	
		1	1	0	0	1	0	
	Λ —	0	0	1	0	1	0	
_	/1 —	0				0	1	
		0	1	1	0	1	0	
		$\lfloor 1$	0		1	0	1	

2.5 2 1.5 0 0 -0.5 -1 -1.5 -2 -2.5 -1 0 1 2 3 4

