

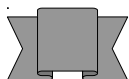
Appendix (B)

The coefficients matrix A ,the matrix b and weight matrix (w) are shown below:

$$A_{(17*9)} = \begin{pmatrix} -0.0079 & 0.0039 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0.0045 & 0.0085 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0.0034 & -0.0125 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ -0.0006 & -0.0014 & 0.0080 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0.00057 & -0.0003 & 0.00970 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0.00799 & -0.0039 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0.0046 & 0.0085 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ -0.0045 & -0.0085 & 0 & 0.0095 & -0.0004 & 0 & 0 & 0 & 0 & 0 \\ 0.00920 & 0.0007 & 0 & -0.0046 & 0.0078 & 0 & 0 & 0 & 0 & 0 \\ -0.0046 & 0.0078 & 0 & -0.0049 & 0.0078 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & -0.00003 & -0.0009 & 0.0094 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0.00028 & 0.0002 & -0.0090 & -0.0003 & -0.0002 & 0.0091 & 0 & 0 & 0 & 0 \\ 0.0034 & 0.0080 & 0 & 0.0046 & -0.0078 & 0 & -0.0079 & 0 & -0.0002 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ -0.0079 & -0.0002 & 0 & 0.0048 & 0.0068 & 0 & 0.003 & 0 & 0 & -0.0066 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0.0046 & -0.0078 & 0 & -0.0094 & 0.0010 & 0 & 0.0048 & 0 & 0.0068 & 0 \end{pmatrix}$$

Appendices

	-0.00002	0.0006	-0.0079	0	0	0	0.00002	-0.00064
0.0079								
-0.0083	0	0	0	0.0003	-0.00023	0.00831	-0.0003	0.0002

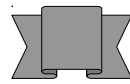


The matrix (b):

$$\mathbf{b}_{(17 \times 9)} = \begin{pmatrix} 0.4848 \\ 0.4848 \\ 0.4848 \\ 0.9696 \\ 0.9696 \\ 0.4848 \\ 0.4848 \\ 0.5105 \\ 0.5144 \\ 0.4780 \\ 0.9696 \\ 0.9696 \\ 0.4634 \\ 0.5139 \\ 0.5255 \end{pmatrix} \times (10^{-4})$$

0.9696

0.9696



The Weight matrix (W) :

$$W_{17 \times 17} = \begin{pmatrix} 0 & 0 & 0.01 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0.01 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0.01 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0.0025 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0.0025 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0.01 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0.01 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0.01 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0.01 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0.01 & 0 & 0 & 0 & 0 & 0 \end{pmatrix}$$

Appendices

0 0	0	0	0	0	0	0	0	0	0	0.01	0	0	0	0	0
0 0	0	0	0	0	0	0	0	0	0	0	0.0025	0	0	0	0
0 0	0	0	0	0	0	0	0	0	0	0	0	0.0025	0	0	0
0 0	0	0	0	0	0	0	0	0	0	0	0	0	0.01	0	0
0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.01	0
0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.01
0.0025 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 0.0025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

*(206265)2

