

# Sources

## **Satellite subtraction**

*implemented by W.Mahdi*

Recursive approximation using algorithm of  
Attekum & Trooster, J.El.Sp. 11:363-370 (1977)

Parameters for Mg from:

Attekum, P.M.Th. van, & J.M. Trooster,  
J.Electr.Spect.Rel.Phenom. 11:363-370 (1977)

consulted for oxide: Fischer & Baun  
Spectrochim.Acta 21:443-450 (1965).

Parameters for Al from:

Krause, M.O., & J.G. Ferreira,  
J.Phys. [B] 8:2007-2014 (1975).

also consulted: Fischer, D.W., & W.L. Baun,  
J.Appl.Phys. 36:534-537 (1965).

## **Shirley Background Subtraction**

*implemented by W.Mahdi*

D.A.Shirley

Phys.Rev. [B] 5:4709-4724 (1972)

## **Tougaard Background Subtraction**

*implemented by W.Mahdi*

S.Tougaard

J. Vac.Sci.Tech. [A] 8:2197-2203(1990)

## **Smooth**

based on least square fit

A.Savitzky & M.J.E. Golay

Anal. Chem. 1964, 36,1627-1639

## **Differentiation**

Numerical Recipes in C, Page 524

W.H.Press, B.P.Flannery, S.A.Teukolsky, W.T.Vetterling  
Cambridge University Press

## **FFT (Fast Fourier Transform)**

Numerical Recipes in C, Page 398ff

W.H.Press, B.P.Flannery, S.A.Teukolsky, W.T.Vetterling  
Cambridge University Press

## **FFT Smooth**

Numerical Recipes in C, Page 514ff

W.H.Press, B.P.Flannery, S.A.Teukolsky, W.T.Vetterling  
Cambridge University Press