

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