

For every pixel, the step-function-like absorption edge was subtracted from the spectral signature. The generalized logistic function, also known as Richards' curve (Richards, 1959), was used:

$$OD(E)_{no-edge} = OD(E) - \frac{OD_{post}}{a}, \quad (2)$$

with

$$a = [1 + \exp(-OD(E) + 0.5 \cdot OD_{post})]^{25/OD_{post}}. \quad (3)$$

and  $OD(E)_{no-edge}$  being the optical density of varnish  
[...]

Eq. (4) would be relevant:

$$OD(E)_{new} = OD(E) - OD_{pre} - \frac{OD_{post} - OD_{pre}}{a} \quad (4)$$