

The European Journal of Orthodontics, Volume 18, Issue 5: October 1996.

Assessment of an automated cephalometric analysis system

DB. Forsyth^{*} and DN. Davis^{**}

^{*}Orthodontic Department, Leeds Dental Institute, University of Leeds, and ^{**}Department of Oral Health and Development, University Dental Hospital of Manchester, UK

ABSTRACT

A system is described which automatically identifies cephalometric landmarks on digital cephalometric radiographs. The accuracy of the automated system in identifying nineteen cephalometric landmarks is assessed. The accuracy obtained with the automated system is less than that of manual tracing. The automated system has particular difficulty in identifying landmarks which lie on poorly defined structures where there is a poor signal to noise ratio.

Pages 471-478

This page is run by [Oxford University Press](#), Great Clarendon Street, Oxford OX2 6DP, as part of the [OUP Journals](#) World Wide Web service.

Comments and feedback: www-admin@oup.co.uk

URL: http://www.oup.co.uk/eortho/hdb/Volume_18/Issue_05/180471.sgm.abs.html

Last modification: 6 November 1997.

[Copyright](#)© Oxford University Press, 1997.