Partially and non-destructive testing of 40 concrete bridges

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The authors are to be congratulated on their paper, the contents of which will be most valuable to the profession.

I was particularly interested in the statements in paragraph 7 concerning the origins of failure. They compare interestingly with those quoted in Dr Alistair Paterson's paper given at his presidential address (see Reference 1 and Fig. 27).

REFERENCE

1. PATERSON A. C. Presidential address. *The Structural Engineer*, 1984, 62A, No. 11, 335–342.

Fig. 27. Causes of defects in buildings are gathered in France consisting of 10 000 defects that occurred during 1968–1978: (a) causes of defects in terms of cost of repair; (b) causes of defects in terms of frequency of occurrence; (c) causes of design faults in terms of cost; (d) causes of design faults in terms of frequency of occurrence; (e) building defects in the first ten years. (This figure is reproduced from *Construction Disputes*, P. Campbell (ed.), courtesy of Whittles Publishing)