

Correction to AD 253

This equation, which appeared on page 37 of NSC November/December 2001 was incorrect. The correct version is printed below.

Mathematically, the dynamic magnification factor is given by the following identity:

$$D = \frac{1}{\sqrt{(1-\beta^2)^2 + (2\zeta\beta)^2}}$$

where β is the ratio of the activity frequency to the natural frequency of the structure and ζ is the damping ratio.