

followed closely by an exothermic reaction. This experimental observation, therefore, reinforces the current view<sup>6</sup> that any shock wave closely followed by an exothermic reaction is inherently unstable as a one-dimensional flow phenomenon.

### References

- <sup>1</sup> Strehlow, R. A. and Cohen, A., "Initiation of detonation," *Phys Fluids* 5, 97-101 (1962)
- <sup>2</sup> Strehlow, R. A. and Dynner, H. B., "One-dimensional detonation initiation," *AIAA J* 1, 591-595 (1963)
- <sup>3</sup> Schott, G. L., private communication, Los Alamos Scientific Lab, GMX 7, Los Alamos, N. Mex. (1963)
- <sup>4</sup> Duff, R. E., "Investigation of spinning detonation and detonation stability," *Phys Fluids* 4, 1427-1433 (1961)
- <sup>5</sup> White, D. R., private communication, General Electric Research Lab, Schenectady, N. Y. (1963)
- <sup>6</sup> Oppenheim, A. K., Manson, N., and Wagner, H. G., "Recent progress in detonation research," *AIAA J* 1, 2243-2252 (1963)

## Errata: "Residual Analysis for Circular Cylindrical Shells under Segmental Line-Load"

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[AIAA J 1, 2558-2564 (1963)]

IN the above article replace 1) the exponents " $-\alpha^1x$ " and " $-\alpha^2x$ " everywhere on page 2562 by " $-\alpha_1x$ " and " $-\alpha_2x$ ," respectively, and 2) the numerical value "3.46" for

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$$\frac{-\sigma_x \times 10^{-2}}{P^*/a^2}$$

at  $x = (1/\pi)(\delta/a)$  (Table 2, p. 2563) by "3.64"

## Erratum: "Elastic Stability of Near-Perfect Shallow Spherical Shells"

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[AIAA J 1, 2855-2857 (1963)]

THROUGH error, the wrong engraving for Fig. 1 of the forementioned technical note was published. The corrected figure is given below.

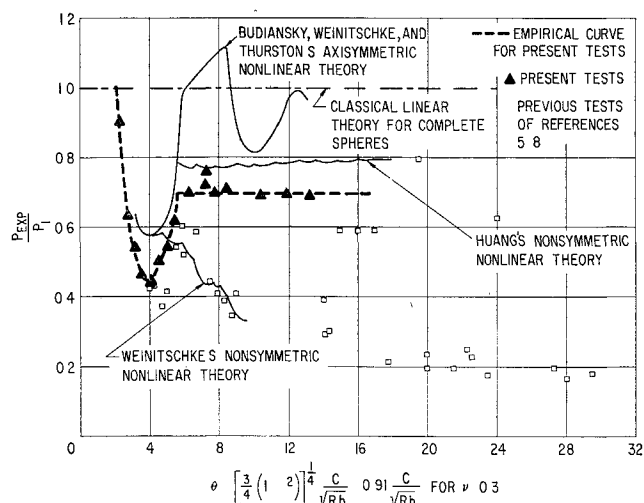


Fig. 1 Experimental elastic buckling data for shallow spherical shells with clamped edges

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