



Erratum

Erratum: “Co-dimension-Two Grazing Bifurcations in Single-Degree-of-Freedom Impact Oscillators” [Journal of Computational and Nonlinear Dynamics, 2006, 1(4), pp. 328–335]

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The matrices in (17) and (27) should appear as:

$$\mathbf{x}(t) = \begin{pmatrix} \frac{\alpha}{\gamma} \cos(\omega t - \phi) & -\frac{\omega \alpha}{\gamma} \sin(\omega t - \phi) & \omega t \bmod 2\pi \end{pmatrix}^T \quad (17)$$

$$\frac{d\mathbf{x}}{d\tau} = \mathbf{f}(\mathbf{x}) = \begin{pmatrix} \varepsilon v & -2\zeta\varepsilon v - \varepsilon x + \frac{\varepsilon V^2(1 - \cos(2\theta))}{2(1-x)^2} & 1 \end{pmatrix}^T \quad (27)$$