ERRATUM

"On the Modeling of Nonproportional Cyclic Plasticity of Waspaloy," A. Abdul-Latif, M. Claval, V. Ferney and K. Saanouni, ASME JOURNAL OF ENGINEERING MATERIALS AND TECHNOLOGY, Vol. 116, pp. 35–44.

Page	Eq. Number	Old Formula	New Formula
39	10(*b*)	$\dot{\alpha}_i = -\dot{\lambda}\dfrac{\partial F}{\partial \mathbf{x}_i} = \dot{\epsilon}^{an}\dot{\lambda}\sum_{i=1}^{2} a_i \alpha_i$ (B.22*b*)	$\dot{\alpha}_i = -\dot{\lambda}\dfrac{\partial F}{\partial \mathbf{x}_i} = \dot{\epsilon}^{an}\dot{\lambda}\, a_i \alpha_i$
39	13(*c*)	$H_{\text{kin}} = \sum_{i=1}^{2} C_{i(p)} \dfrac{2}{3} \dfrac{\mathbf{s}-\mathbf{x}_i}{J_2(\Sigma-\mathbf{x})} \sum_{i=1}^{2} : a_i \mathbf{x}_i$	$H_{\text{kin}} = \sum_{i=1}^{2}\left[C_{i(p)} \dfrac{2}{3} \dfrac{\mathbf{s}-\mathbf{x}_i}{J_2(\Sigma-\mathbf{x})} : a_i \mathbf{x}_i \right]$
39	15(*a*)	$\dot{Q} = D(A)(Q_{AS}-Q)\dot{P}^8$	$\dot{Q} = D(A)(Q_{AS}-Q)\dot{P}$
40	17(*a*)	$H_{\text{iso}} = Q_{(p)} + R\left[b - D_{(A)}\left(\dfrac{Q_r}{Q}-1\right)\right]$	$H_{\text{iso}} = Q_{(p)} - R\left[b + D_{(A)}\left(\dfrac{Q_r}{Q}-1\right)\right]$
40	17(*b*)	$h_{\text{kin}} = C_1 + C_2 - \dfrac{2}{3}\left[\left\{ a_1 - I_{(A)} \times \left(\dfrac{C_x}{C}-1\right)\right\}\mathbf{x}_1 + a_2\mathbf{x}_2\right] : \dfrac{\mathbf{S}-\mathbf{x}}{J_2(\sigma-\mathbf{x})}$	$h_{\text{kin}} = C_1 + C_2 - \dfrac{3}{2}\left[\left\{ a_1 - I_{(A)} \times \left(\dfrac{C_x}{C}-1\right)\mathbf{x}_1 + a_2\mathbf{x}_2\right] : \dfrac{\mathbf{S}-\mathbf{x}}{J_2(\sigma-\mathbf{x})}$
40	19	$\dot{\mathbf{x}}_i = \dfrac{\dot{C}_i}{C_i}\mathbf{x}_i + \dfrac{2}{3}C_i\dot{\epsilon}_p - \dot{\lambda}\sum_{i=1}^{2} a_i\mathbf{x}_i,\ x_{(0)}=0$	$\dot{\mathbf{x}}_i = \dfrac{\dot{C}_i}{C_i}\mathbf{x}_i + \dfrac{2}{3}C_i\dot{\epsilon}_{\text{an}} - \dot{\lambda}a_i\mathbf{x}_i,\ x_{(0)}=0$
40	21	$\dot{\mathbf{x}}_i = \dfrac{2}{3}C_i\dot{\epsilon}_{\text{an}} - \dot{\lambda}\sum_{i=1}^{2} a_i\mathbf{x}_i,\ \mathbf{x}_{(0)}=0$	$\dot{\mathbf{x}}_i = \dfrac{2}{3}C_i\dot{\epsilon}_{\text{an}} - \dot{\lambda}a_i\mathbf{x}_i,\ \mathbf{x}_{(0)}=0$