Critical Fracture Stress and Fracture Strain Models for the Prediction of Lower and Upper Shelf Toughness in Nuclear Pressure Vessel Steels by R. O. Ritchie, W. L. Server, and R. A. Wullaert

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Eq. [1] should read:

$$\frac{\sigma_{yy}}{\sigma_o} = f(N) \left[\frac{J}{\sigma_o \epsilon_o I x} \right]^{1/N+1} \quad [1]$$

$$\text{such that } \frac{\sigma_{yy}}{\sigma_y} = f(N) \left[\frac{(1-\nu^2)}{I} \right]^{1/N+1} \left[\frac{x}{(K/\sigma_y)^2} \right]^{-1/N+1} \quad [2]$$

Thus, applying the RKR criterion

$$K_{Ic} = \beta^{-(N+1)/2} l_o^{*1/2} \left[\frac{\sigma_f^{*[(N+1)/2]}}{\sigma_y^{[(N-1)/2]}} \right] \quad [3]$$

$$\text{where } \beta = f(N) \left[\frac{(1-\nu^2)}{I} \right]^{1/N+1} \quad [3a]$$

Table I then becomes:

N	I	$f(N)$	β^1
$N = 3$	5.51	1.94	1.23
$N = 5$	5.02	2.22	1.66
$N = 9$	4.60	2.46	2.09
$N = 13$	4.40	2.58	2.30
$N = 25$	4.14	2.73	2.57
$N = 49$	3.96	2.83	2.75
$N = 99$	3.84	2.90	2.86

¹Computed for $\nu = 0.33$, typical of steel.

Low Stress and Superplastic Creep Behavior of Zn-22 Pct Al Eutectoid Alloy by A. Arieli, A. K. S. Yu, and A. K. Mukherjee

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The published Fig. 14 and accompanying caption should read Fig. 15.

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The published Fig. 15 and accompanying caption should read Fig. 14.