

Lacampagne, A., Ward, C.W., Klein, M.G., and M.F. Schneider
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Page 191.

Due to an editorial error, a function appeared incorrectly. The corrected function and surrounding paragraph appear below.

Fig. 2 B presents the same experimental Ca^{2+} spark $\Delta F/F$ time course as in Fig. 2 A, but now fit by the function

$$\begin{aligned}\Delta F/F &= 0 \quad (t \leq d_1) \\ \Delta F/F &= A\{1 - \exp[-k_1(t - d_1)]\} \quad (d_1 < t \leq d_2) \\ \Delta F/F &= (A\{1 - \exp[-k_1(d_2 - d_1)]\} - C)\exp[-k_2(t - d_2)] + C \quad (t > d_2)\end{aligned}\tag{2}$$

over the same interval as used in Fig. 1 A. The values of the parameters A , k_1 , d_1 , k_2 , d_2 , and C were adjusted to give a best least-squares fit of Fn. 2 to the experimental record. The resulting fit of Fn. 2, which has discontinuous derivatives at both its start and peak, closely follows all aspects of the experimental record in Fig. 2 and provides a better reproduction of the sharp peak in the experimental record in Fig. 2 than could be achieved using the function in Fn. 1.