Corrections

Joseph, Julian S., and William Bialek. 1992. *Biophys. J.* 63:397–411.

The right-hand side of Eq. 16 should be multiplied by $(\pi\omega^4/16u)^{1/2}$. For the example given in Fig. 2, this factor has the numerical value $\approx$0.7 at room temperature and $\approx$0.4 at $T = 10$ K. The factor $S^{1/4}$, which is generally close to unity, should be replaced by $S^{-1/4}$ in the order of magnitude expression following Eqs. 15–20 and in Eq. 36. No other statements in the paper are affected by this change. Derivations of the virtual rate expressions for the mode-specific case at small and large energy denominator, including this correction, are given in Joseph, J. S., and Bialek, W. 1993. Virtual transitions in nonadiabatic condensed-phase reactions. *J. Phys. Chem.* 97:3245–3256.

Castellano, A. C., M. Barteri, A. Bianconi, E. Borghi, L. Cassiano, M. Castagnola, S. Della Longa, and A. La Monaca. 1993. *Biophys. J.* 64:520–524.

Authors M. Barteri and E. Borghi are not in the staff of the Dipartimento di *Fisica* Universita' but in the Dipartimento di *Chimica* Universita' "La Sapienza" 00185 Roma. Note also that A. La Monaca should not have been included as an author (see Correction. 1993. *Biophys. J.* 65:422).

Trissl, H.-W., Y. Gao, and K. Wulf. 1993. *Biophys. J.* 64:974–988.

Page 977: Eq. 4 should read as follows:

$$\Phi_{fl}(T) = c \cdot \int_0^\infty z(t,T)\, dt,$$

Page 976: Parameter set No. 3 in Fig. 1 contains an inconsistency: The quantities listed were calculated with different time constants, k_r. The correct table reads:

TABLE 1 List of molecular time constants, τ_i/ns ($\tau_i = k_i^{-1}$; defined in Fig. 1) for the primary reactions of PS II in the open and closed state. Calculated values for the photochemical quantum yield, Φ_p, the fluorescence yield, F_o; the fluorescence yield, F_m; the variable fluorescence, F_v; the ratio of fluorescence yields for open and closed states, F_m/F_o; the complementary area, F_a; and the complementary area normalized to the variable fluorescence, F_a/F_v. The fluorescence yields, F_o and F_m, are absolute quantum yields expressed in %, with $^*\tau_r = \infty$ and $^{**}\tau_r = 1.3$.

			Open (Q_A)			Closed (Q_A^-)								
No.	Reference	τ_1	τ_t^{ox}	τ_{-1}^{ox}	τ_2	τ_t^{red}	τ_{-1}^{red}	Φ_p	F_o	F_m	F_v	F_m/F_o	F_a	F_a/F_v
1	Schatz et al. (8)	1	0.11	0.50	0.50	0.67	0.42	0.80	1.00	5.45	4.45	5.44	5.42	1.22
2	Leibl et al. (9)	1	0.52	2.50	0.51	1.56	0.33	0.60	2.14	5.50	3.36	2.57	5.44	1.62
3	Roelofs et al. (20)	3.3	0.33	3.33	0.44	2.13	2.94	0.89*	1.83**	8.39**	6.56**	4.59**	10.3**	1.57**

Inadvertently, errors were printed in the series "Solutions for Transients in Arbitrarily Branching Cables: Papers I–III" by Guy Major et al.

Major, G., J. D. Evans, and J. J. B. Jack. 1993. *Biophys. J.* 65:423–449 (Paper I).

Page 424: Under "Greek symbols" the "Θ_n" should be "θ_n."

Page 432: The following sentence was omitted from the end of the legend for Fig. 2: "Abscissal scale can be used to gauge thickness of vertical lines (diameters). Horizontal lines indicate connectivity."

Page 442: The sentence beginning "If the recording site is the soma. . . " on line seven should be replaced by "The symmetry of the waveforms with respect to stimulation and recording sites can be exploited by compartmental modellers: one simulation with the *input* into a single recording site and *recording* from the various "input sites" generates the same results as several simulations with the original recording site, using the input sites one at a time."

Page 445: The text following Eq. 93 should read: "(Special cases occur when τ_{sy} is equal to one of the τ_n values.) Where $\tau_{sy} > \tau_m$, q is real, and $\bar{G}_r(X_r, Z_e, p)$ can be evaluated using Eqs. 64–72, 74, 76, and 78. However, in many cases, $\tau_{sy} < \tau_m$, so q is complex, and we let $q = iw$, where $w = \sqrt{\tau_m mh;1q/\tau_{sy} - 1}$. Substitutions (Eq. 88) must then be used in these equations, with w instead of α_n, together with $\bar{A}_j(iw) = \bar{A}'_j(w)$ and $\bar{B}_j(iw) = -iB'_j(w)$ to obtain appropriate recursive expressions for evaluating G (the prime $'$ does not imply differentiation here):"

Major, G., J. D. Evans, and J. J. B. Jack. 1993. *Biophys. J.* 65:450–468 (Paper II).

Page 451: In Table 1, the terms "k_j" and "$\hat{k}_j$" should read "κ_j" and "$\hat{\kappa}_j$," respectively.

Page 461: The penultimate line of the left column should read ". . . subtractive techniques (16)" not ". . . subtractive techniques (cf. Ref. 16)."

Page 466: The term "β_c" three lines above Eq. 66 should be "$\bar{B}_c$." Also, on the same page, the "(□)" two lines after Eq. 70 should read "⟨□⟩."

G. Major. 1993. *Biophys. J.* 65:469–491 (Paper III).

The first paragraph of the left column should read "CA1 pyramidal cell" not "CA1 pyramidal all."