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Erratum: Measurement of the Tau lepton electronic branching fraction (Physical Review Letters (1993) 71, 20, (3395-3396))

D. S. Akerib

B. Barish

M. Chadha

D. F. Cowen

G. Eigen

See next page for additional authors

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Authors

D. S. Akerib, B. Barish, M. Chadha, D. F. Cowen, G. Eigen, J. S. Miller, J. Urheim, A. J. Weinstein, D. Acosta, G. Masek, B. Ong, H. Paar, M. Sivertz, A. Bean, J. Gronberg, R. Kutschke, S. Menary, R. J. Morrison, H. N. Nelson, J. D. Richman, H. Tajima, D. Schmidt, D. Sperka, M. S. Witherell, M. Procaro, S. Yang, M. Daoudi, W. T. Ford, D. R. Johnson, K. Lingel, and M. Lohner

ERRATA

Observation of Critical Phenomena in a Protein-Water Solution
[Phys. Rev. Lett. 63, 2064 (1989)]

Peter Schurtenberger, Richard A. Chamberlin, George M. Thurston, John A. Thomson,
and George B. Benedek

The values for κ_T^0 are in error by a factor of 2.0 because an incorrect constant was used to calculate κ_T from $R(0)$. For $c = 244$ mg/ml, the correct value of κ_T^0 is $(1.11 \pm 0.05) \times 10^{-7}$ cmsec²/g and for $c = 220$ mg/ml, the correct value is $(1.09 \pm 0.4) \times 10^{-7}$ cmsec²/g. The conclusions of the Letter are unaffected.

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Measurement of the Tau Lepton Electronic Branching Fraction
[Phys. Rev. Lett. 69, 3610 (1992)]

D. S. Akerib, B. Barish, M. Chadha, D. F. Cowen, G. Eigen, J. S. Miller, J. Urheim, A. J. Weinstein, D. Acosta, G. Masek, B. Ong, H. Paar, M. Sivertz, A. Bean, J. Gronberg, R. Kutschke, S. Menary, R. J. Morrison, H. N. Nelson, J. D. Richman, H. Tajima, D. Schmidt, D. Sperka, M. S. Witherell, M. Procaro, S. Yang, M. Daoudi, W. T. Ford, D. R. Johnson, K. Lingel, M. Lohner, P. Rankin, J. G. Smith, J. P. Alexander, C. Bebek, K. Berkelman, D. Besson, T. E. Browder, D. G. Cassel, D. M. Coffman, P. S. Drell, R. Ehrlich, R. S. Galik, M. Garcia-Sciveres, B. Geiser, B. Gittelman, S. W. Gray, D. L. Hartill, B. K. Heltsley, K. Honscheid, C. Jones, J. Kandaswamy, N. Katayama, P. C. Kim, D. L. Kreinick, G. S. Ludwig, J. Masui, J. Mevissen, N. B. Mistry, C. R. Ng, E. Nordberg, C. O'Grady, J. R. Patterson, D. Peterson, D. Riley, M. Sapper, M. Selen, H. Worden, M. Worriss, F. Würthwein, P. Avery, A. Freyberger, J. Rodriguez, R. Stephens, J. Yelton, D. Cinabro, S. Henderson, K. Kinoshita, T. Liu, M. Saulnier, R. Wilson, H. Yamamoto, A. J. Sadoff, R. Ammar, S. Ball, P. Baringer, D. Coppage, N. Coptly, R. Davis, N. Hancock, M. Kelly, N. Kwak, H. Lam, Y. Kubota, M. Lattery, J. K. Nelson, S. Patton, D. Perticone, R. Poling, V. Savinov, S. Schrenk, R. Wang, M. S. Alam, I. J. Kim, B. Nemati, J. J. O'Neill, V. Romero, H. Severini, C. R. Sun, P.-N. Wang, M. M. Zoeller, G. Crawford, R. Fulton, K. K. Gan, H. Kagan, R. Kass, J. Lee, R. Malchow, F. Morrow, M. Sung, C. White, J. Whitmore, P. Wilson, F. Butler, X. Fu, G. Kalbfleisch, M. Lambrecht, W. R. Ross, P. Skubic, J. Snow, P.-L. Wang, D. Bortoletto, D. N. Brown, J. Dominick, R. L. McIlwain, T. Miao, D. H. Miller, M. Modesitt, S. F. Schaffner, E. I. Shibata, I. P. J. Shipsey, M. Battle, J. Ernst, H. Kroha, S. Roberts, K. Sparks, E. H. Thorndike, C.-H. Wang, S. Sanghera, T. Skwarnicki, R. Stroynowski, M. Artuso, M. Goldberg, N. Horwitz, R. Kennett, G. C. Moneti, F. Muheim, S. Playfer, Y. Rozen, P. Rubin, S. Stone, M. Thulasidas, W.-M. Yao, G. Zhu, A. V. Barnes, J. Bartelt, S. E. Csorna, Z. Egyed, V. Jain, and P. Sheldon

(CLEO Collaboration)

The electronic branching fraction of the tau lepton reported in this Letter was obtained using an erroneous normalization to the number of produced tau pairs. The luminosity from $\gamma\gamma$ events was overestimated by $\sim 6\%$ due to an incorrect polar angle distribution for the most energetic photon in $\gamma\gamma\gamma$ events in the CLEO version of the $\gamma\gamma(\gamma)$ generator (Ref. [15]). The luminosity from Bhabha events was overestimated by $\sim 3.6\%$ due to a calculational error and the incorrect assumption that events with very hard radiated photons are simulated by the generator (Ref. [14]). After these

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deficiencies in the analysis are repaired, the two luminosity measurements agree to within 0.3%, and the combined luminosity is reduced by 4.6%. The tau-pair total cross-section multiplier $1 + \delta$ was 0.7% too large due to an incomplete accounting of spin weights for different decay modes in the CLEO version of the tau-pair generator (Ref. [7]).

These changes result in a net increase of $\sim 5.3\%$ in B_e^2 . Relative statistical and systematic errors remain unchanged. The corrected branching fraction, $B_e = 0.1797 \pm 0.0014 \pm 0.0023$, is quite consistent with the standard model prediction based on measured values of the tau mass and lifetime.

Adaptive Dynamics on a Chaotic Lattice
[Phys. Rev. Lett. 71, 2010 (1993)]

Sudeshna Sinha and Debabrata Biswas

We would like to make the following small changes and clarifications in our paper.

(1) Page 2011, paragraph 3, line 13: The sentence “The details of the different spatiotemporal phases...” should read “The details of the spatiotemporal phases (including analytical solutions for the different cycles) will be published in a subsequent long paper.”

(2) Page 2011, paragraph 4, line 1: The beginning of the sentence “In the above phase, especially for large x_c ...” should read “In the above phase (in the presence of small, but finite σ), for certain large x_c we have an interesting phenomenon:”

(3) The end of paragraph 4 on page 2011 should have this additional line: “Also note that there are narrow parameter windows (x_c large) where the spectrum is chaotic.”

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