



Correction to “Critical point theory of earthquakes: Observation of correlated and cooperative behavior on earthquake fault systems”

Chien-chih Chen,¹ John B. Rundle,² Hsien-Chi Li,¹ James R. Holliday,² Donald L. Turcotte,³ and Kristy F. Tiampo⁴

Received 26 January 2007; accepted 3 February 2007; published 9 March 2007.

Citation: Chen, C., J. B. Rundle, H.-C. Li, J. R. Holliday, D. L. Turcotte, and K. F. Tiampo (2007), Correction to “Critical point theory of earthquakes: Observation of correlated and cooperative behavior on earthquake fault systems,” *Geophys. Res. Lett.*, *34*, L05306, doi:10.1029/2007GL029485.

[1] In the paper “Critical point theory of earthquakes: Observation of correlated and cooperative behavior on earthquake fault systems” by C. Chen et al. (*Geophysical Research Letters*, *33*, L18302, doi:10.1029/2006GL027323, 2006), for the PI analysis of the 1995 Kobe, Japan, earthquake, we used the earthquake catalogue provided to us by B. Enescu at the Disaster Prevention Research Institute (DPRI) in Kyoto University, Japan. The Japanese earthquake data set originates from both the DPRI and the Japanese Meteorological Agency (JMA), and these sources should have been acknowledged in our paper with great thanks for permission to use these data. We deeply regret this important omission. Meanwhile, the authors also would like to acknowledge the important conversations with B. Enescu that significantly clarified our understanding of

the precursory patterns for the Kobe earthquake. The large area of PI anomalies presented in our paper is in accord with the result presented by *Enescu and Ito* [2001]. The complex seismic anomalies before the Kobe earthquake are manifested in a rather large area, which corresponds with the preparation zone of the Kobe earthquake. The analysis presented by *Enescu and Ito* [2001] revealed the quiescence and activation phases before the Kobe earthquake as well.

References

Enescu, B., and K. Ito (2001), Some premonitory phenomena of the 1995 Hyogo-ken Nanbu (Kobe) earthquake: Seismicity, *b*-value and fractal dimension, *Tectonophysics*, *338*, 297–314.

C. Chen and H.-C. Li, Department of Earth Sciences and Graduate Institute of Geophysics, National Central University, Jhongli, Taiwan 320. (s123@sal.gep.ncu.edu.tw)

J. R. Holliday and J. B. Rundle, Center for Computational Science and Engineering, University of California, Davis, CA 95616, USA.

K. F. Tiampo, Department of Earth Sciences, University of Western Ontario, London, ON, Canada N6A 5B7.

D. L. Turcotte, Department of Geology, University of California, Davis, CA 95616, USA.

¹Department of Earth Sciences and Graduate Institute of Geophysics, National Central University, Jhongli, Taiwan.

²Center for Computational Science and Engineering, University of California, Davis, California, USA.

³Department of Geology, University of California, Davis, California, USA.

⁴Department of Earth Sciences, University of Western Ontario, London, Ontario, Canada.