

Retraction

Retracted: Fatigue Performance of Reinforced Concrete T-Girders under Cyclic Loading

Advances in Civil Engineering

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Advances in Civil Engineering has retracted the article titled “Fatigue Performance of Reinforced Concrete T-Girders under Cyclic Loading” [1], due to concerns regarding the reliability of the data as raised by the authors. Following the publication of the article, the authors contacted the journal to raise concerns that the loading instrument used in the experiment was found to be faulty in a recent maintenance check. The load error was found to be over the tolerance of this study. The authors have reviewed the data in the study and note an abnormal trend in Figure 10(b), where the rebar stress range of F-4 decreased after 80% of the life. The remaining data cannot be validated due to the instrument fault.

As the validity of the data presented in the article cannot be verified, the authors requested the retraction of the article and this has been agreed with the editorial board.

References

- [1] J. Zhang, B. Bai, K. Zhang et al., “Fatigue Performance of Reinforced Concrete T-Girders under Cyclic Loading,” *Advances in Civil Engineering*, vol. 2021, Article ID 6656948, 12 pages, 2021.