

APPLICATIONS OF COMPUTATIONAL AND EXPERIMENTAL MECHANICS IN CIVIL ENGINEERING

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ABSTRACT

With the rapid development of science and technology, applications of mechanics have expanded across various engineering fields. This minisymposium focuses on the applications of mechanics in civil engineering, with particular emphasis on theoretical developments, computational methods, numerical simulations, and experimental approaches. The minisymposium provides a platform for researchers from academia and industry to present recent advances, innovations, and practical applications of mechanics. We sincerely invite contributions related to the aforementioned topics to exchange ideas and findings through presentations and discussions.

REFERENCES

- [1] Wang Z.L., Yang J.P., Shi K., Xu H., Qiu F.Q., Yang Y.B, *Recent advances in researches on vehicle scanning method for bridges*, International Journal of Structural Stability and Dynamics, Vol. 22(15), pp. 2230005, 2022.