

- Azeez, A. K., 2018. *Deformation Monitoring Using Total Stations: An Evaluation of System Performance*. Ilorin: Journal of Geomatics and Environmental Research.
- Bäckström, T. et al., 2022. *Introduction to Speech Processing 2nd Edition*. s.l.:s.n.
- Bagri, I. et al., 2024. *Vibration Signal Analysis for Intelligent Rotating Machinery Diagnosis and Prognosis: A Comprehensive Systematic Literature Review*. s.l.:MDPI.
- Beshr, A. A. E.-W. & Kaloop, M. R., 2013. *Monitoring Bridge Deformation Using Auto-Correlation Adjustment Technique for Total Station Observations*. Mansoura: Mansoura University.
- Bower, A., Qi, Y. & Bazilevs, Y., 2022. *EN0004: Dynamics and Vibrations*. Rhode Island: School of Engineering Brown University.
- Bukaka, 2021. *bukaka.com*. [Online]  
Available at: <https://www.bukaka.com/web/businesses/steel-bridge/box-girder-bridge.html>
- CSi, 2016. *CSI Analysis Reference Manual For SAP2000®, ETABS®, SAFE® and CSiBridge*. Berkeley: Computers & Structures, Inc..
- Divicenzo, N., 2019. *Natural Frequency and Resonance*. Munich: Siemens Digital Industries Software.
- Gere, J. M. & Goodno, B. J., 2012. *Mechanics of Materials (Eighth ed.)*. s.l.:s.n.
- Hongyin Yang, L. J. F. X. J. G. Z. Y. Y. P. Z. L. R. C., 2024. Safety Evaluation for Fabricated Small Box Girder Bridges Based on Fuzzy Analytic Hierarchy Process and Monitoring Data. *Sensors*, p. 4592.
- Huang, D., 2005. Dynamic Test and Analysis of Curved Steel Box Girder Bridges. *Semantic Scholar*.
- Indonesiabaik.id, 2023. *Indonesiabaik.id*. [Online]  
Available at: <http://indonesiabaik.id/infografis/provinsi-dengan-total-jembatan-terpanjang#:~:text=Berbicara%20soal%20jembatan%2C%20berapa%20sih,Panjang%20mencapai%20562.213%2C79%20m>.
- Isani, S., 2019. *Experimental Modal Analysis of Bridges: How to Employ Few Resources and Get it Right*. Italy: Fast Times.
- Khalil, A., Greimann, L., Wipf, T. J. & Wood, D., 1998. *Modal Testing for Nondestructive Evaluation of Bridges: Issues*. Iowa: Department of Civil and Construction Engineering Iowa State University.
- Kim, T., 2020. *Influence Line & Surface Analysis on Bridges?*. s.l.:Midas.
- KMS Ku Mahamud, C. L. S. N. M. S. M. J., 2018. Challenges in proof load test of bridges – Malaysian. *10th Malaysian Road Conference & Exhibition*.
- Liu, Z. d., 2024. Load Testing and Analysis of a Large Span Through Simply-Supported Steel Box Arch Bridge. *MDPI Appl Sci*.
- M.J.Ma, 2013. Dynamic Load Test Analysis for Continuous Steel Bridge. *Applied Mechanics and Materials*.

Makarios, T. K., 2020. *Identification of Mode-shapes and Eigen-frequencies of Bi-hinge Beam with Distributed Mass and Stiffness*. Greece: Journal of Civil Engineering and Construction.

Ole Døssing, B., 1988. *Structural Testing Part 2: Modal Analysis and Simulation*. Denmark: s.n.

Park, H., 2022. *Fastest FFT code for Excel VBA*. [Online] Available at: <https://infograph.tistory.com/351> [Diakses 2025].

Parlementaria, 2024. *Legislator Prihatin 85,88 Persen Kondisi Jembatan di Jalan Nasional Rusak*. [Online] Available at: <https://emedia.dpr.go.id/2024/04/01/legislator-prihatin-8588-persen-kondisi-jembatan-di-jalan-nasional-rusak/#:~:text=85%2C88%20persen-Anggota%20Komisi%20V%20DPR%20RI%20Sigit%20Sosiantomo.,jembatan%20yang%20dalam%20kondisi%20baik>.

Paz, M. a. W. L., 2004. *Structural Dynamixs Theory and Computation*. Massachusetts: Kluwer Academic Publishers.

PUPR, 2002. Pedoman Konstruksi dan Bangunan Pt T-05-2002-B. Dalam: *Penilaian Kondisi Jembatan Untuk Bangunan Atas Dengan Cara Uji Getar*. Jakarta: Departemen Permukiman dan Prasarana Wilayah.

PUPR, 2011. Pedoman Bidang Jalan dan Jembatan 024/BM/2011. Dalam: *Penentuan Nilai Sisa Kapasitas Jembatan*. Jakarta: Kementerian Pekerjaan Umum dan Perumahan Rakyat.

PUPR, 2022. Pedoman Bidang Jalan dan Jembatan 01/P/BM/2022. Dalam: *Pemeriksaan Jembatan*. Jakarta: Kementerian Pekerjaan Umum dan Perumahan Rakyat.

PUPR, 2022. Pedoman Bidang Jalan dan Jembatan 02/P/BM/2022. Dalam: *Pembahasan Penyelenggaraan Keamanan Jembatan Khusus*. Jakarta: Kementerian Pekerjaan Umum dan Perumahan Rakyat.

PUPR, 2022. Pedoman/ Petunjuk Teknik dan Manual Edisi Pertama. Dalam: *Bagian 4 Lain-lain - Tata Cara (Jalan, Permukiman, Pengairan, Jembatan, Lingkungan)*. Jakarta: Departemen Permukiman dan Prasarana Wilayah Badan Penelitian dan Pengembangan PUPR, pp. 30-32.

Qiao, Lei dkk., 2025. Analysis of bridge dynamic load test based on millimeter wave radar. *Nature Portfolio: Scientific Reports*.

Qin, Y., 2023. Identifying the Bridge Natural Frequency Pattern Under Operational Condition. *International Journal of Structural Stability and Dynamics*.

Stroh, S. L. d., 2010. Load Testing a Double-Composite Steel Box Girder Bridge. *ResearchGate*.

Suhendro, B., 2015. *Analisis Struktur Metode Matrix*. Yogyakarta: Beta Offset.

Suhendro, B., 2023. *Analisis Struktur Metode Elemen Hingga*. Yogyakarta: Beta Offset.

Wika, 2022. [www.wika.co.id](http://www.wika.co.id). [Online] Available at: <https://www.wika.co.id/id/business/industry/steel-fabrication/steel-box-girder>



Yin, H. d., 2018. Research on structural dynamic characteristics of continuous steel box girder-bridge with lager ratio of wide-span. *WCSN 17*.

Zhang, W.-m., Chang, J.-q., Shen, X.-h. & Lu, X.-f., 2024. *An analytical method for solving the maximum deformation responses of suspension bridges with short extended spans under live load*. s.l.:ScienceDirect.