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ONUR VE ÖDÜLLER:

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YAYINLANMIŞ KİTAPLAR ve KİTAPLARDA BÖLÜMLER:

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3. Sonmezer, Y.B., Kalkan, I., Bas, S. and Akbas, S.O. (2018) “Effects of the use of the surface spectrum of a specific region on seismic performances of R/C structures” Natural Hazards, 93(3): 1203–1229.
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YAYINLANMIŞ ULUSAL MAKALELER:

1. Kalkan, İ., Baş, S., Ünlü H. (2015), “Kentsel dönüşüm bölgelerindeki çok katlı betonarme yapıların deprem davranışının incelenmesi”, *Bartın Üniversitesi Mühendislik ve Teknoloji Bilimleri Dergisi*, 3(1):23-32.

YAYINLANMIŞ KONFERANS MAKALELERİ:

1. Bas, S., Errenli, F. and Kalkan I. (2018) “Estimation of the lateral distortional buckling (LDB) moments of doubly-symmetric steel cellular I-beams” 13th Advances in Civil Engineering Congress (ACE 2018), Izmir, Turkey.
2. Bas, S., Karakus, O., Ceylan, O. and Ilki, A. (2018) “Structural Analysis and Monitoring of an 11th Century Shipwreck” 11th International Conference on Structural Analysis of Historical Constructions, Cusco, Peru.
3. Apaydin, N.M. and Bas, S. (2018) “Long-Span orthotropic steel deck bridges of

- Turkey 9th International Symposium on Steel Bridges, Prague, The Czech Republic.
4. Bas, S., Apaydin, N.M., Ilki, A., Catbas, F.N. (2018) "Hanger replacement effect: experimental and numerical investigation on the Bosphorus Bridge" 9th International Conference on Bridge Maintenance, Safety and Management (IABMAS 2018), Melbourne, Australia.
 5. Bas, S., Apaydin, N.M., Ilki, A., Catbas, F.N. (2018), "Vertical Hanger Replacement Influence on Structural Response of The Bosphorus Bridge To The Multi-point Earthquake", 16th European Conference on Earthquake Engineering (16ECEE), Thessaloniki, Greece.
 6. Bas, S., Apaydin, N.M., Ilki, A., Catbas, F.N. (2017), "Wind Analysis of the Bosphorus Suspension Bridge: Numerical and Experimental Investigation" The 4th Conference on Smart Monitoring, Assessment and Rehabilitation of Civil Structures (SMAR 2017), Zurich, Switzerland.
 7. Kalkan, I., Kartal, S., Demir, I., Sevim, O., Bas, S. (2017) "Estimation of the Critical Load of a Reinforced Concrete Beam from the Initial Elastic Portion of its Load-Deflection Curve" International Conference on Civil and Environmental Engineering (ICOCEE 2017), Cappadocia, Nevsehir, Turkey.
 8. Kalkan, I., Kartal, S., Demir, I., Sevim, O., Bas, S. (2017) "Buckling Behavior of Slender Reinforced Concrete Beams with Different forms of Initial Imperfections" International Conference on Civil and Environmental Engineering (ICOCEE 2017), Cappadocia, Nevsehir, Turkey.
 9. Bas, S., Apaydin, N.M., Harmandar, E. (2017), "The Effects of Multi-Support Earthquake Excitation on Seismic Performance of The Bosphorus Bridge", The 16th World Conference on Earthquake Engineering, (16WCEE 2017), Santiago, Chile.
 10. Bas, S., Kalkan, I., Lee, J-H., Sevinc M., (2017), "Seismic Performance of High-Rise R/C Structures Subjected to Vertical Earthquake Motion", The 16th World Conference on Earthquake Engineering, (16WCEE 2017), Santiago, Chile.
 11. Sonmezer, Y.B., Akbas, S.O., Bas, S., Kalkan, I. (2016), "Investigation on Local Spectrum and Its Effects on Earthquake Behavior of Existing RC Structures" The 12th International Congress on Advances in Civil Engineering (ACE 2016), Istanbul, Turkey, September 21-23, 2016.
 12. Bas, S., Kalkan, I., Lee, J-H. (2016), "Structural behavior of a high-rise RC structure under vertical earthquake motion", The 2016 Structures Congress (Structures 2016), Jeju Islands, Korea.
 13. Bas, S., Apaydin, N.M., Catbas, F.N. (2016), "Considerations for Finite Element Modeling of the Bosphorus Suspension Bridge", Istanbul Bridge Conference 2016 (IBridge 2016), Istanbul, Turkey.
 14. Bas, S., Kalkan, Aykac, S. (2016), "The Influence of Web Distortion of Doubly-Symmetric Steel I-Beam on Elastic and Plastic Slenderness Limits", Istanbul Bridge Conference 2016 (IBridge 2016), Istanbul, Turkey.
 15. Bas, S., Apaydin, N.M., Ilki, A., Catbas, F.N. (2016), "Structural health monitoring systems-SHMs of the long span bridges in Turkey", The 8th International Conference on Bridge Maintenance, Safety and Management (IABMAS 2016), Foz do Iguacu, Brazil.
 16. Bas, S., Apaydin, N.M., Catbas, F.N. (2015), "Long-span bridges: behavior under operational and extreme wind loads" The 3th Conference on Smart Monitoring,

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17. Apaydin, N.M., Bas, S. (2014), “Response of Fatih Sultan Mehmet Suspension Bridge under Site-Specific Multi-Point Excitations” The 2nd European Conference on Earthquake Engineering and Seismology (2ECEES), Istanbul, Turkey.
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 19. Bas, S., Apaydin, N.M., Celep Z. (2014) “Free Vibration Analysis and Seismic Performance Assessment of Two Approach Viaducts of Bosphorus Suspension Bridge”, Istanbul Bridge Conference 2014 (IBridge 2014), Istanbul, Turkey.
 20. Apaydin, N.M., Bas, S. (2014), “Seismic behavior of Fatih Sultan Mehmet Suspension Bridge under spatially variation ground motion”, The 7th International Conference on Bridge Maintenance, Safety and Management (IABMAS 2014), Shanghai, China, July 7-11 2014.