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Mechanics-based model updating for identification and virtual sensing of an offshore wind turbine using sparse measurements

DOI: 10.1002/stc.2647

Structural Control and Health Monitoring, 2021, 28, e2647.

Source: <https://exaly.com/paper-pdf/77843101/citation-report.pdf>

Version: 2024-04-24

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16	Modal decomposition of the dynamic response of wind turbine during one year of continuous monitoring. <i>Structural Control and Health Monitoring</i> , 2021 , 28, e2754	4.5	1
15	Optimal Sensor Placement for Reliable Virtual Sensing Using Modal Expansion and Information Theory. <i>Sensors</i> , 2021 , 21,	3.8	3
14	A data-driven remaining useful life prediction methodology: Optimization based on digital twin. 2021 ,		
13	Adaptive Bayesian Inference Framework for Joint Model and Noise Identification. <i>Journal of Engineering Mechanics - ASCE</i> , 2022 , 148,	2.4	
12	Optimal sensor placement for parameter estimation and virtual sensing of strains on an offshore wind turbine considering sensor installation cost. <i>Mechanical Systems and Signal Processing</i> , 2022 , 169, 108787	7.8	1
11	Joint parameter-input estimation for virtual sensing on an offshore platform using output-only measurements. <i>Mechanical Systems and Signal Processing</i> , 2022 , 170, 108814	7.8	0
10	Bridge Digital Twinning Using an Output-Only Bayesian Model Updating Method and Recorded Seismic Measurements.. <i>Sensors</i> , 2022 , 22,	3.8	3
9	Digital Twinning of Modeling for Offshore Wind Turbine Drivetrain Monitoring: A Numerical Study. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2023 , 135-137	0.3	
8	Quantifying modeling uncertainty in simplified beam models for building response prediction.		0
7	Inverse modeling of wind turbine drivetrain from numerical data using Bayesian inference. 2023 , 171, 113007		0
6	Support condition monitoring of monopile-supported offshore wind turbines in layered soil based on model updating. 2023 , 87, 103342		0
5	Reversible solid oxide cell coupled to an offshore wind turbine as a poly-generation energy system for auxiliary backup generation and hydrogen production. 2022 , 8, 14259-14273		1
4	Structural instrumentation and monitoring of the Block Island Offshore Wind Farm. 2023 , 202, 1032-1045		0
3	Information theoretic-based optimal sensor placement for virtual sensing using augmented Kalman filtering. 2023 , 188, 110031		1
2	A fault prediction framework for Doubly-fed induction generator under time-varying operating conditions driven by digital twin.		0
1	A Two-Step FE Model Updating Approach for System and Damage Identification of Prestressed Bridge Girders. 2023 , 13, 420		0