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A series of experimental studies on various PV support structures was conducted. Zhu et al. [1], [2] used two-way FSI computational fluid dynamics (CFD) simulation to test the influence of ...

There are, however, few studies concerned with the aeroelastic vibration of PV structures under the tension cable support system. Tamura et al. [14] studied the aerodynamic ...

Photovoltaic (PV) system is an essential part in renewable energy development, which exhibits huge market demand. In comparison with traditional rigid-supported photovoltaic (PV) system, the flexible photovoltaic ...

Previous studies focus on the wind load characteristics of roof- or ground-mounted PV structures. Cao et al. [1], Warsido et al. [2], Naeiji et al. [3], Stathopoulos et al. [4], ...

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Aerodynamic photovoltaic support

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