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A NEW AERODYNAMIC PHENOMENON AND ITS EFFECTS ON THE DESIGN OF ULTRA-HIGH CYLINDRICAL TOWERS



Shaker Verlag Dez 2013, 2013. Taschenbuch. Condition: Neu. Neuware - The dissertation addresses the design of ultra-high towers in the atmospheric boundary layer under the wind action and has a special application for Solar Updraft Power Plants (SUPPs). They represent a highly sustainable natural resource for electric power generation, based on a combined sun-wind energy solution. The object of the investigation is a 1-km tall solar updraft tower, made of reinforced concrete and stiffened along the height by stiffening rings. Stiffening...

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- Authored by Francesca Lupi
- Released at 2013



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