

Practical Challenges in Harvesting Wave Energy: Heaving buoy device

Diaconu George Sorin, Eugen Rusu, Mariana Bernardino
Faculty of Mechanical Engineering, Galați, România
Portuguese Meteorological Institute

Abstract

This paper examines the challenges of efficiently harvesting wave energy. A generic heaving buoy device is selected for detailed examination. A number of modelling and control challenges are detailed and a hierarchical control structure is indicated. Both potable water production and electricity generation are included as possible uses of such devices and each presents separate control challenges.

5. References

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