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Research Article

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## [Origami influence on container design](#)

Published On: December 24, 2019 | Pages: 015 - 019

Author(s): Kleanthis Antoniou and Erkan Oterkus\*

This study examines the capabilities that the origami tradition can contribute to the structural efficiency of a container. Art and tradition meet engineering in an effort to modify the mechanical properties of a conventional design and broaden its potential, as a heavy and sensitive motor is to be transported in a secure way. Using Finite Element Analysis, a thorough ...

[Abstract View](#) | [Full Article View](#) | DOI: [10.17352/alo.000008](https://doi.org/10.17352/alo.000008)

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## [Assessment of energy storage technologies for case studies with increased renewable energy penetration](#)

Published On: September 30, 2019 | Pages: 001 - 014

Author(s): Nikolaos Ntavarinos, Peter Davies and Erkan Oterkus\*

This study aspires to assess state of the art storage technologies for fi ve different scenarios including an offshore wind farm, an onshore wind farm, an islanded grid, a microgrid in Egypt and a solar power system. ...

[Abstract View](#) | [Full Article View](#) | DOI: [10.17352/alo.000007](https://doi.org/10.17352/alo.000007)