
The findings confirm that solar-assisted absorption cooling systems can provide a sustainable and reliable alternative to conventional air conditioning in Libya, with performance ...

The new solar facility, located in the remote southeastern region of Kufra, in the heart of the Sahara Desert near the borders with Egypt, Sudan, and Chad, was completed in ...

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ABSTRACT: In this paper, the principles of the operation of an adsorption cooling circuit and its operating points are analyzed through both a thermodynamic analysis and with mathematical ...

The goal of this survey and documentation is to find out the most important flashing results and conclusions specifically in fields of using solar energy for space heating, cooling and ...

Although solar energy technology has been in use for decades elsewhere, there are very few applications in Libya, especially for improving the thermal performance of buildings. This is in ...

The present study investigates advanced heat transfer enhancement techniques in tubular heat exchangers through the integration of novel ring geometries, passive flow inserts, ...

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Abstract- The aim of this study is the evaluation of the economic and technical viability for the installation of a solar air conditioning system based on parabolic solar concentrators and ...

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