



## **CREATION OF ENERGY-EFFICIENT BUILDING ENVELOPE BASED ON PHASE-CHANGE MATERIALS (PCM).**

**BENACHIR NOUHAILA**

Hassan First University of Settat, Ecole Nationale des  
Sciences Appliquées, LISA Laboratory, Berrechid 26100,  
Morocco

\* Corresponding author: BENACHIR NOUHAILA .  
([Benachir.nouha@gmail.com](mailto:Benachir.nouha@gmail.com)/[n.benbachir@uhp.ac.ma](mailto:n.benbachir@uhp.ac.ma)/)



"The publication of this book was financed by the Hassan 1er University fund for  
scientific research. "

