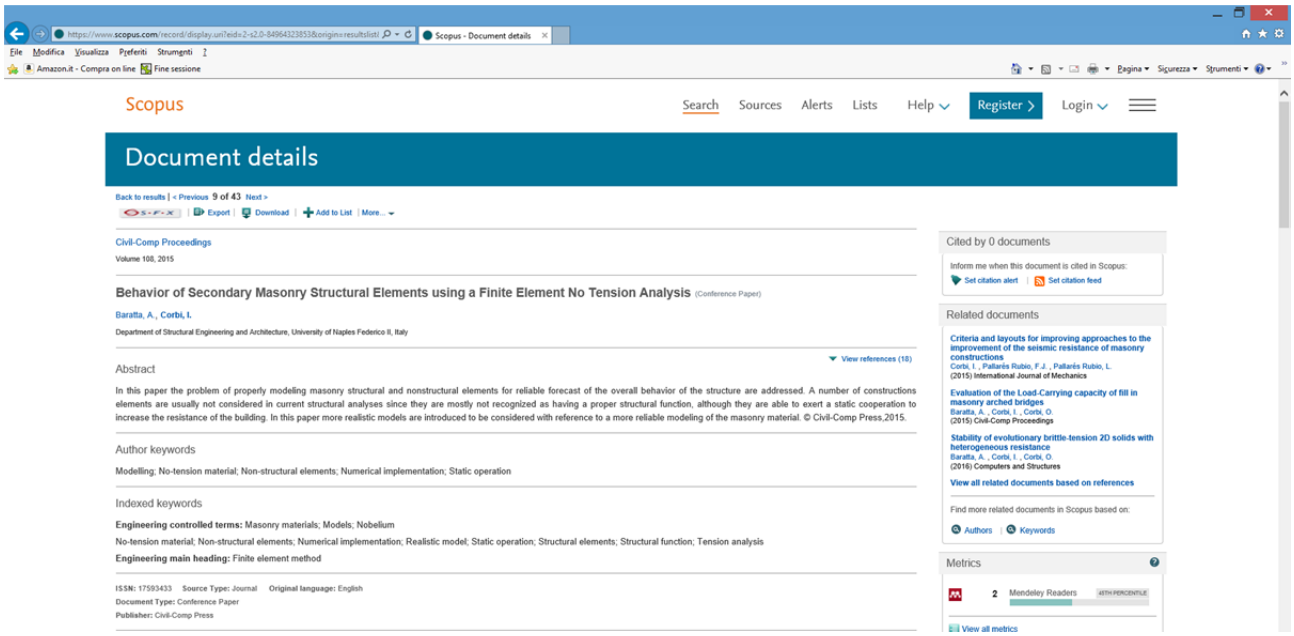
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Behavior of Secondary Masonry Structural Elements using a Finite Element No Tension Analysis (Conference Paper)
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Abstract
In this paper the problem of properly modeling masonry structural and nonstructural elements for reliable forecast of the overall behavior of the structure are addressed. A number of constructions elements are usually not considered in current structural analyses since they are mostly not recognized as having a proper structural function, although they are able to exert a static cooperation to increase the resistance of the building. In this paper more realistic models are introduced to be considered with reference to a more reliable modeling of the masonry material. © Civil-Comp Press,2015.
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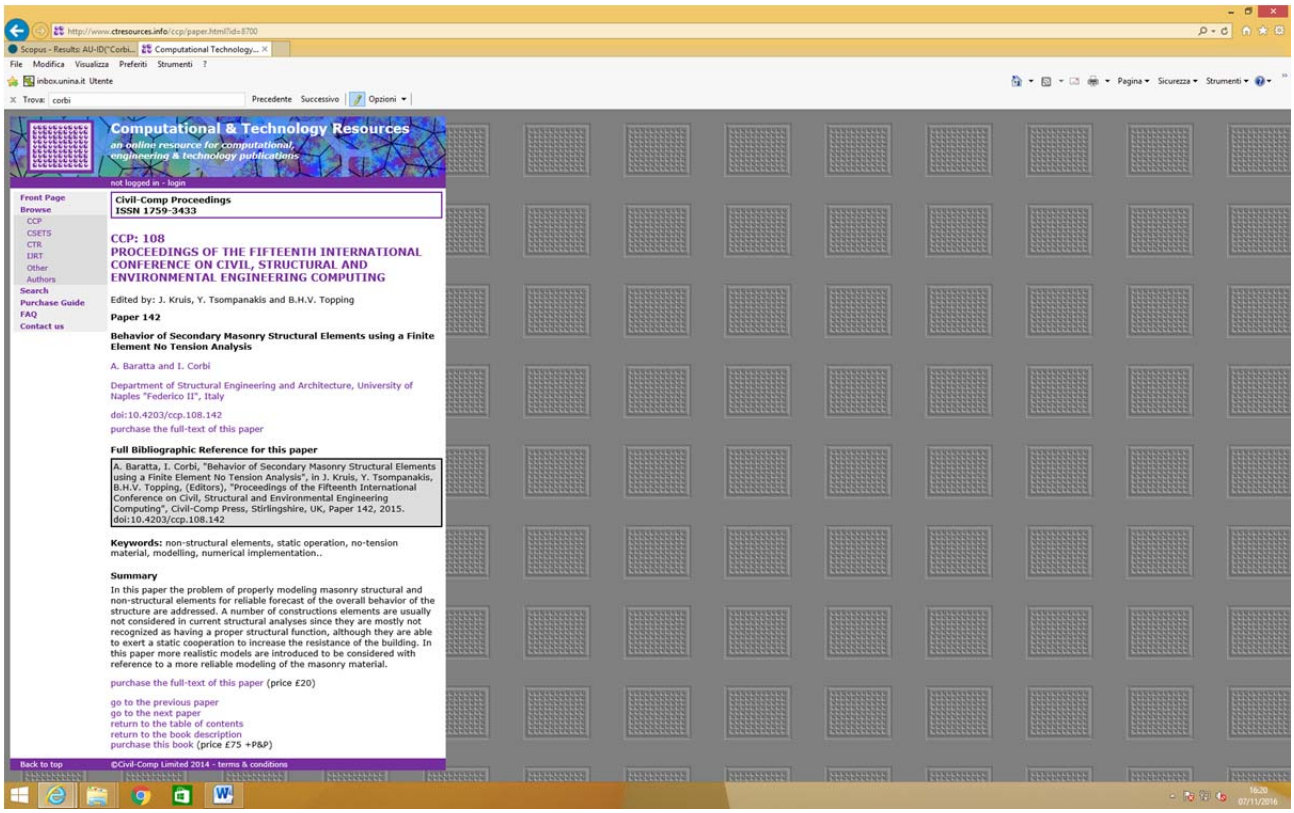
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Keywords: non-structural elements, static operation, no-tension material, modelling, numerical implementation..
Summary
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