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Improvement of energy performance metrics for the retrofit of the built environment. adaptation to climate change and mitigation of energy poverty

Celina Filippín , Silvana Flores Larsen , Florencia Ricard

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**Highlights**

- New and broader vision of decision-making process on retrofit of groups of buildings is presented.
- It includes multivariate PCA and hierarchical clustering techniques.
- Aspects such as energy poverty and climate change were also considered.
- The method was tested on a group of 10 single family houses in Argentina.
- Energy retrofit can be assessed from a more holistic point of view

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