街屋的形式美與建築節能之關係研究
A Study about the Relationship on the formal beauty of Street Houses and Energy Conservation on Buildings

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摘要

以綠建築的技術手法賦予建築物新生命，並減低建築物的虛耗能源已成為建築界的營建新潮流。街屋式的建物可說是「透天厝」的前身，不只在台灣建築發展史上有其重要性的地位，亦在歷史文化保留上有其固有的藝術性價值。街屋若能附加上節能的功效，則能將新的生命元素融入街屋式的建物中，進而提升人們的日常生活水平。

本研究首先分析傳統街屋的空間格局，再探討、彙整出傳統街屋式建築所具有的節能功效和建物的藝術點；並依現今建築的節能、生態觀念，以誘導式的節能技法尋找出一適合於街屋式建築運用的方式。最後檢視當代的街屋，並對街屋式建築的使用者進行訪談，找出當代街屋在物理環境上讓使用者不滿意之處；進而提出讓街屋式建築更具節能效用的建議。

關鍵詞：街屋、建築節能

Abstract

Energy-saving buildings newly play a key role in the field of architecture. That is, the building is given a new life by using technological tactics, and meanwhile to lower the energy consumption. However the type of street house buildings might be regarded as the predecessor of the ageless house, not only having an important part in the history of architectural development in Taiwan, but also with the sustainable value in historical culture. If energy-saving value is added to the street house, then the new vitality will be integrate in the type of street house construction and in people's daily life.

This research firstly analyses the spatial pattern of the traditional street house, and then discusses and classifies the construction elements which affect the energy-saving in the traditional street house. Mean while finds out the technology and tactics that suitably appl to the street-house type buildings, from the ideas of building energy-saving and of the present ecological building, and from the energy-saving technique of passive cooling design. This study also Inspects the contemporary street

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house, and made interview to the users which live in the type of street house buildings. The defects that unsatisfy the users on the physical environment in street houses are concluded. And the viewpoints of street houses in user's mind are also discussed. Finaly more energy-saving suggestions for the street-house type buildings are presented.

Keyword：Street Houses, Energy Conservation on Buildings