科技與建築的一些問題

Some Concerns on Technology and Architecture

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摘要：在建築歷史的發展中， technology（科技）總是伴演著舉足輕重的角色。科技的進步改變了建築構材以及營建方式；進而豐富了建築元素與空間型態。 但是除了表面顯而易見構築型態上的科技之外，另一種科技一稱之為 "抽象"原則的科技也為建築史上提供無數註腳。

為了更能明瞭科技在建築史中的定位， 這文章由許多不同的角度討論 " 建築與科技 "的意義；其中的重點在於建立一種面對" 科技"在人類歷史與哲學中的形成概念； 以及建立" 科技"在建築設計應用中被忽略的某種態度。科技與建築的連接不只是和建構技術，材料演化等純技術問題之外；科技更是連接人類生存與自然的中介點。 "科技" 對於建築構築的意義應該被了解成一種·理解 "的能力，而不是在現代主義影響之下被大力強調的型態表現（ stylistic formation ）。

關鍵詞：科技、 建築史、 建築理論

Abstract: Technology and architecture is always an un-separated part in history. The development of material and constructional technology enriches many spatial forms. While considering various achievements in material and constructional technology, one should not neglect another sort of technology; i. e. , an " abstract" type of technology.

For better understanding of the role that technology plays in the course of architectural history, this paper raises many questions concerning the relationships between this partnership; and for not simply regarding technology as only a mean associating with fabrication, construction or other technical measurements, this paper contemplates technology from various philosophical origins. Technology in this paper is discussed as a concept linking human condition and nature where human counts on to

survive. Technology in architectural history should be noticed as a system of " reasoning", not an acceptance of certain formation or style in design and in built.

Key Words: Architectural Technology, Architectural Theory, Architectural History