

國立交通大學建築研究所

碩士論文

介-質

關於真實的虛構

Inter-Subject
Fiction about Truth



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摘要

"There is the difference between truth and fiction . Fiction has to make sense. "

設計師在自己虛構的作品中理解這個真實的世界。

真實的狀態不必然有什麼道理，但設計者卻必須在其中尋求某些隱藏的秩序，作為自身作品中成形的邏輯，藉此塑造作品趨向一個與真實環境契合的關係。

其中除了以人為主體的思考外，還包含了諸多物質材料與現象橫跨在人與人、人與環境中間，故稱之為介-質。本設計論文集即是以介-質作為設計者思考的主體，觀察並研究屬於個別介-質本身的特性與道理，延伸其變化的可能性，透過此介-質主體，專注於設計條件之外的時間脈絡與社會處境，嘗試擺脫設計者自身對於既有形式的成見與習慣，再反推介-質如何影響與改變與人間的關聯，企圖以一種非作者本身作為思考的出發點，作為發展建築形式的另一個方式。

本設計論文以水、影子、模板作為三種不同特性的介-質，置入四個不同類型的设计題目，依據不同的設計處境，嘗試發展不同的設計歷程與空間形式：

1. 以水作為網路社群進入真實環境的表徵，一方面以水平面的高低即時反應人群的互動關係與空間變動，另一方面容納週遭環境的公共活動，延伸作為都市重要的開放空間。
2. 抽離都市複雜環境的影子，作為承載都市歷史中存在過的遺跡與證明，轉換成都市藝廊中的空間印象，連結不同時間中，共同的空間記憶。
3. 以模板特有構造方式與營建流程(重複使用)作為住宅建築生命週期中增、改建的空間策略，並將變動視為必然的空間需求，發展出相對應的空間形式。另外，企圖將學院中的展場設計，回歸真實社會的生產系統，將單一的设计目標，延伸為整體性的思考，整合不同社會領域的資源，表達永續的基本精神。

Abstract

"There is the difference between truth and fiction . Fiction has to make sense. "

Designers realized the real world through their fictional works .

There are not always the rules in real circumstances , but designers always have to find out the hidden orders of reality as the logic of form in their works . They follow the rules to make their works match the real environments .

Besides the thinking of human as subject , there are many materials and phenomenons among people and surroundings . (Mediums) This portfolio is based on the thinking of mediums . Through the observation and research of mediums , I realize the characters and rules of these mediums and extend the possibilities and limits of changing . Focusing on the linkage of society and history , I try to get rid of the original prejudices and imaginations of architecture form by the study of different mediums . I try not to pay too much attention on myself ,but see how these mediums change the relationship between people and environments . With the new discovery , I hope I can find another way to create new building form .

There are three different studies of mediums in this portfolio , including water . shadow and formwork, and four real projects :

1. Water . Using the change of water level creates different spaces to contain different activities in different time , and represents the relationship of internet communities in real environment . The water plaza as the important public space in the city provides an unique view and a place for social communication for people coming to the library and citizens .

2. Shadow . Shadow represents the history of space and leaves the memories to the people . In this case , I transformed the shadow from the trace and evidence of the urban history into the space image of new urban gallery that connect the common memories in different times .

3. Formwork . In the construction system in Taiwan , we reuse the formworks again and again . If we take this advantage of formworks to the extension or changing during the life cycle of buildings , we can save the money of moving formworks and the need of extension and change can also be satisfied . In the NCTU architecture exhibition case , I try to find a sustainable way of using the formworks during the time of exhibition and after it , giving the formworks a second life in every periods of life cycle of construction . A purpose of connecting the academy resource and construction system shows the idea and the potential of sustainability of our society .

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水 Water

我的真實圖書館

My Real Library

影 Shadow

都市藝廊

Urban Gallery

模 Formwork

模-形
交大建築展2009

Between Formwork and Form
NcTu Architecture

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