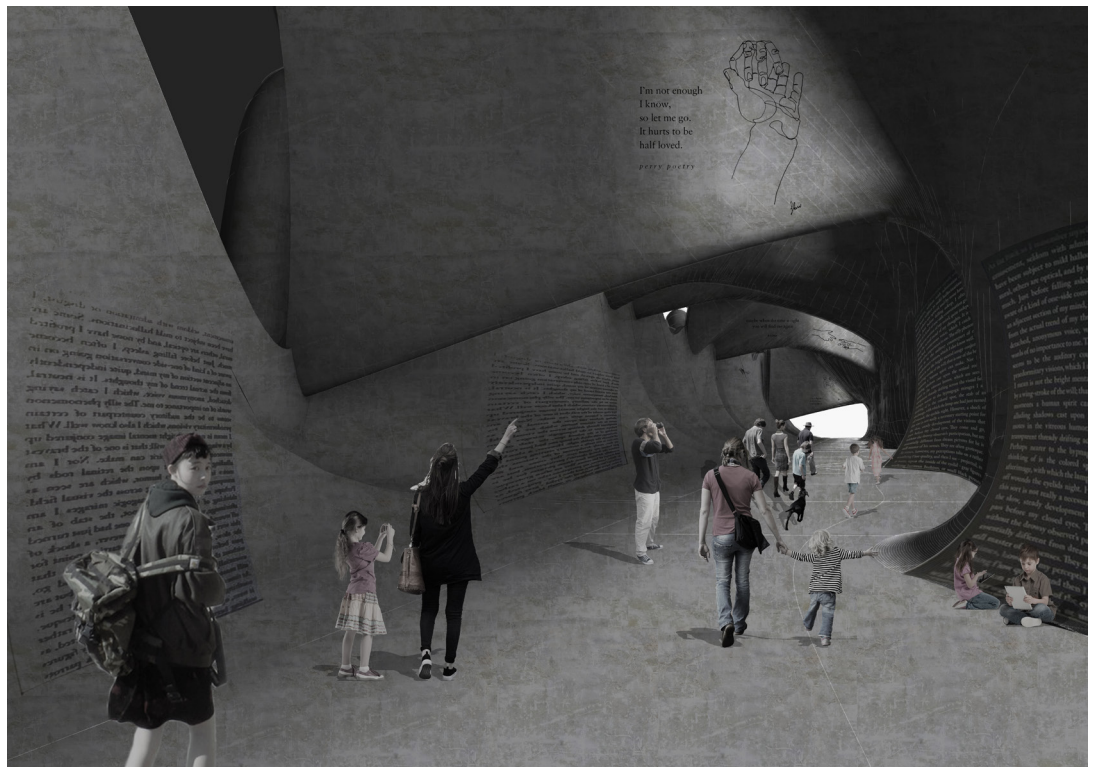


LINGFEI KONG

# WHAT I TALK ABOUT WHEN I TALK ABOUT ARCHITECTURE



## MATTER, SPACE, STRUCTURE

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In this project, I try to find a translation methodology from language to architecture and create a new design system. I see our vocal tract as an architectural space inside our physical body and translate it into a series of spaces to show the shape of different sounds. With different curve radian, spacial length, spacial order and materials, I want to show the space change when we pronounce. The organization of space will follow the levels of linguistic structure. In the end, the rules and logic of language are presented in the form of architectural space.

In the long history of human civilization, the appearance of language and architecture are of great significance. Language is a medium for human to communicate and exchange ideas, while architecture, besides being a shelter for human life, also contains design ideas and national characteristics.

This project will select two specific languages: Chinese and English, and create a translation methodology from different languages into space. By understanding the linguistic structure and features, which are ranging from phonetic system, lexical system, and grammatical system to language-related artistic expressions such as

poetry for deconstruction, a methodology and a new design system of spatial translation are generated.

Firstly, a phonetic alphabet of architecture will be produced. By abstracting the shapes of the oral cavity during pronunciation, changes of airflow can be seen in space. Then the alphabet will be combined under the guidance of syllables, tone and stress to form different spatial shapes, sequences and feelings. Finally, the intonation of different sentences impact on the transparency of the material inside spaces. Then the research will focus on the artistic expression of languages. Language-related artistic expressions such as poetry can also be the source of spatial translation.

Keywords : Space/Linguistic/Phonetic Transcription/Translation Methodology