







王博群 肖迪佳 谢蓓
Final model

设计说明:

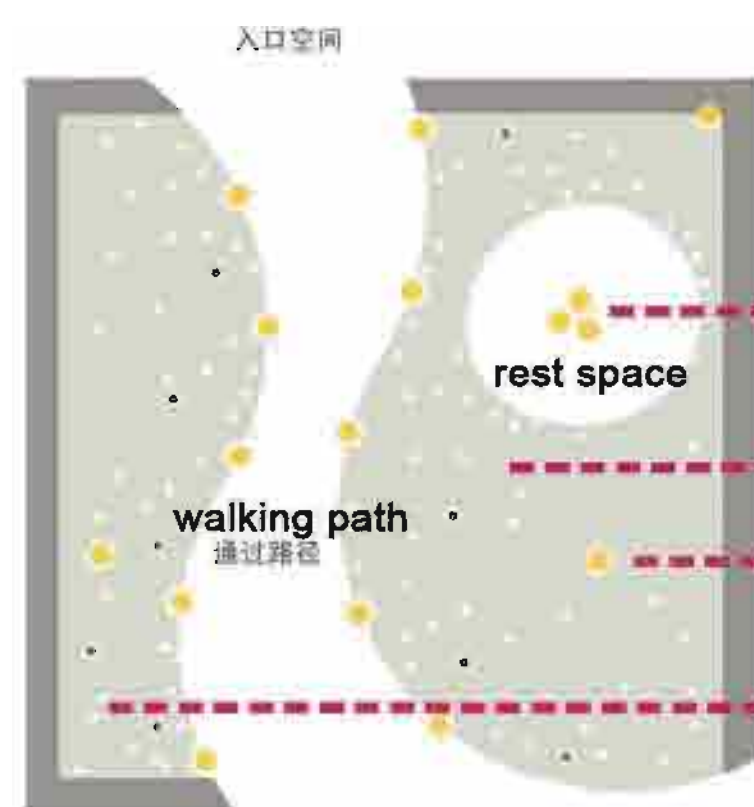
本方案处于大学校园里，为了对校园空间进行**激活**，使校园空间产生更多的**戏剧性**所以做了本案。本方案所关注以及讨论的方向有二：

- 1 如何增加人们的**参与性**，从而完成编制空间的体验过程。
- 2 如何利用竹子的**弯曲性**和**可恢复性**并使得竹子在本案中的**唯一性**得到体现也是思考的重点。

Ideas:

Our construction work is located on campus, aiming at **activating** school's atmosphere and bringing more **interesting** elements to students' daily life. The key points our design focuses on can be concluded as the two below:

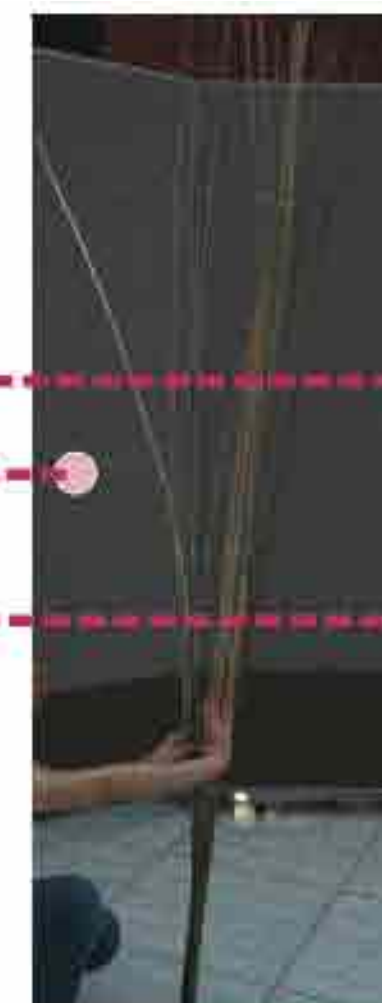
1. Promote people's **participation** while giving them the experiences of weaving a space.
2. Make use of bamboo's peculiarities such as **bending** and being able to **reversion**, and make sure that nothing can replace bamboo to realize our designing idea. **Only bamboo can do it!**



Master-plan



BASE



SINGLE



SPINDLE



INSERT



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1. Promote people's **participation** while giving them the experiences of weaving a space.



BASE



SINGLE



SPINDLE



INSERT

WIND FLOWERS

← DESIGN MODEL



THE PROCESS OF MAKING



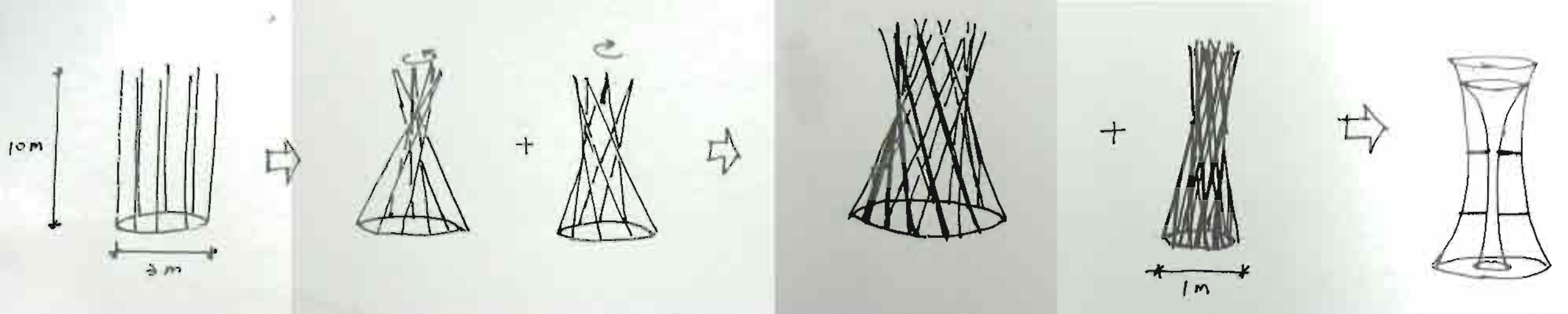
THE CONSTRUCTION PROCESS, SUBJECT TO THE CONSTRAINTS OF THE FACTORS

1. MATERIALS ON THE TERMS OF THE PROPORTION OF ITS OWN (LENGTH, WIDTH, THICKNESS)
2. TECHNOLOGY
3. STEEL NODES

IT IS DONE FROM THE EXPERIENCE GAINED IN

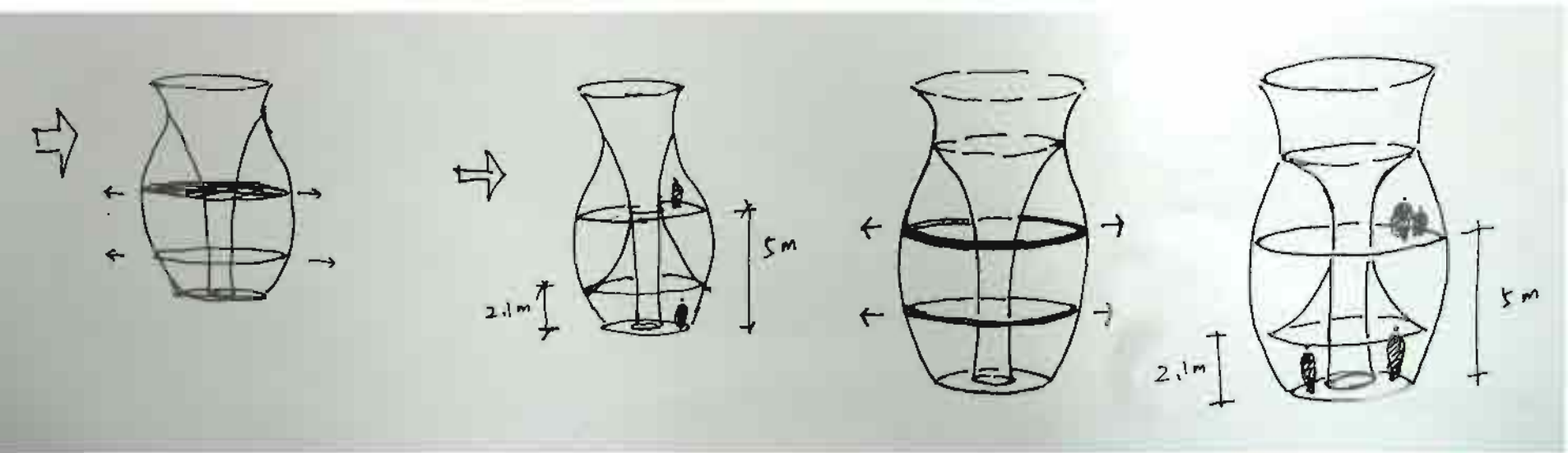
1. MATERIALS ON THE TERMS OF THE PROPORTION OF ITS OWN WITH ITS LOAD OF THE REPORT - FROM QUALITATIVE TO QUANTITATIVE PROCESS
2. STRENGTHEN THE TRADITIONAL PROCESS OF UNDERSTANDING AND KNOWLEDGE
3. CLEAR THE STRUCTURE OF CONTEXT, THE NODES TO





TOWER OF BAMBOO

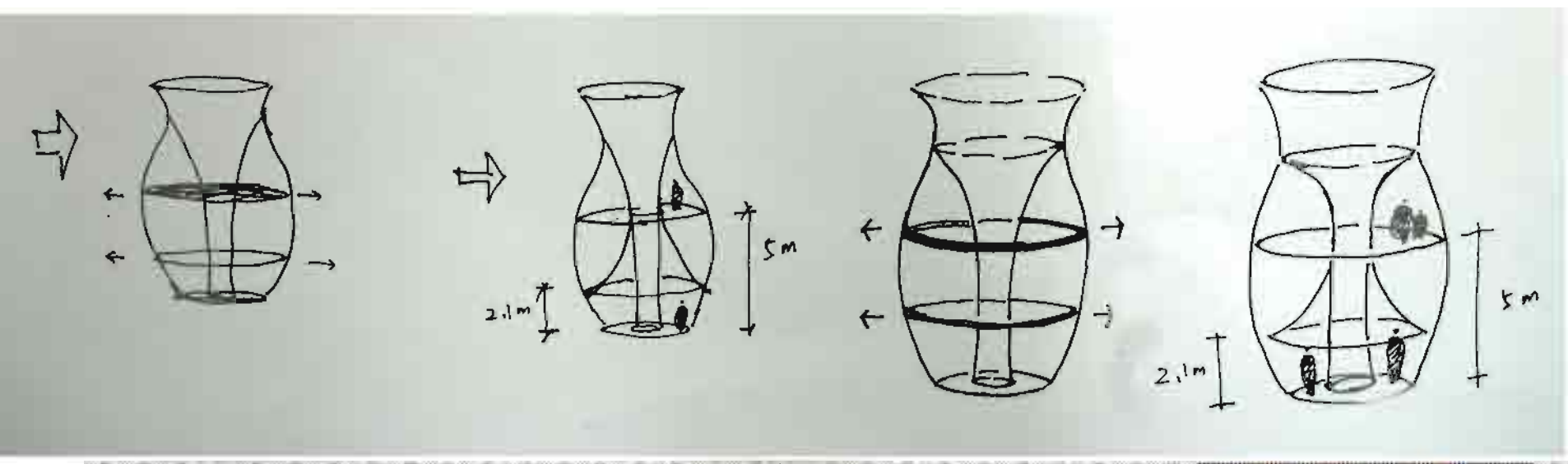
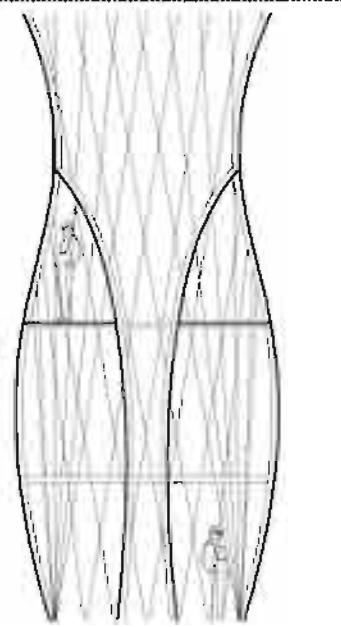
JUST A SYMBOL FOR EXHIBITION



+



=



AERIAL BIRD



THE CONCEPT



colligate the bamboo for not break the integrity

THE WAY OF JOINT



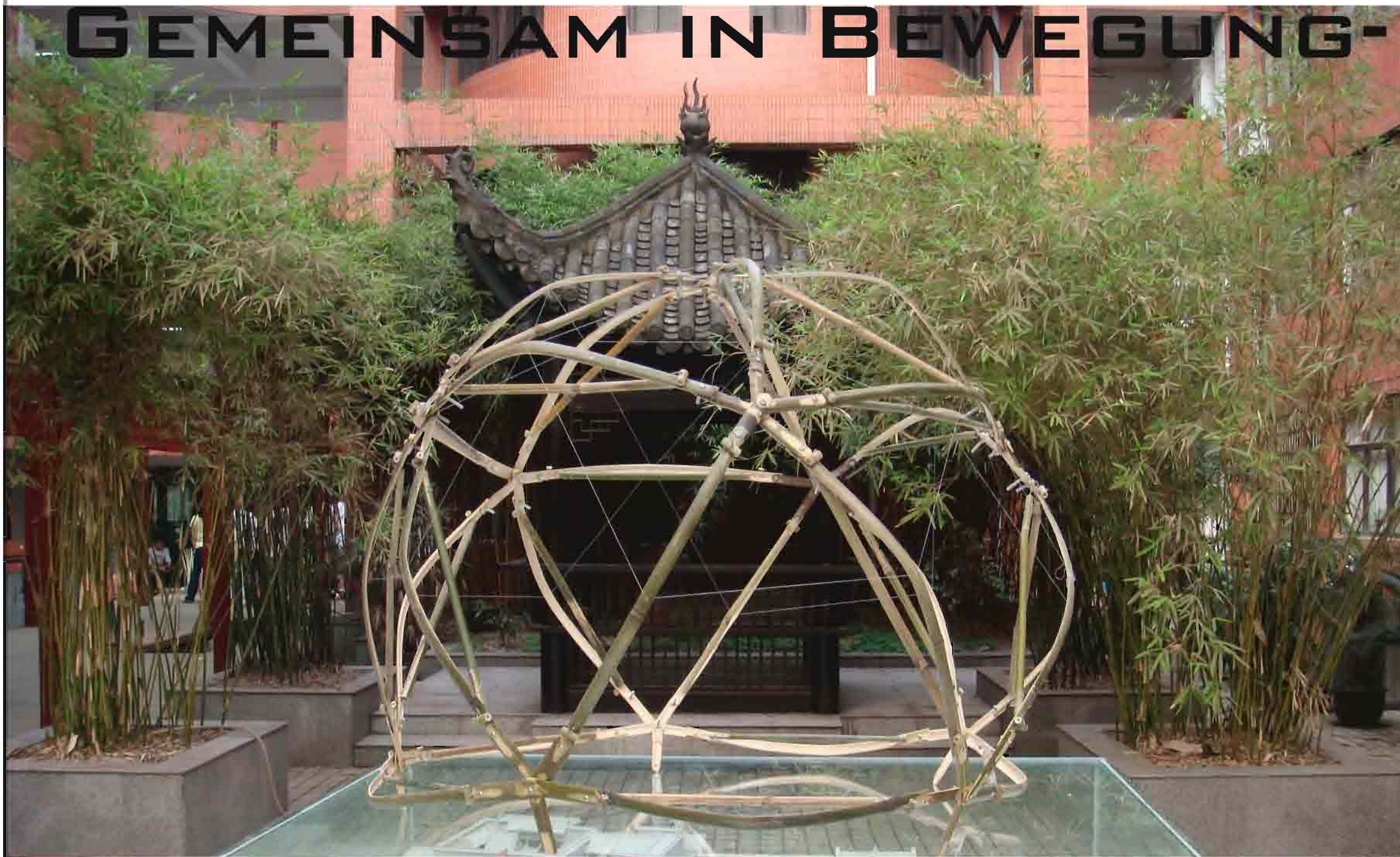
PERSPECTIVE



**In the certain range bamboo
In the certain range bamboo
can easily band , stretch and light.**

Because the bamboo and bone of the bird have the similar characteristics.

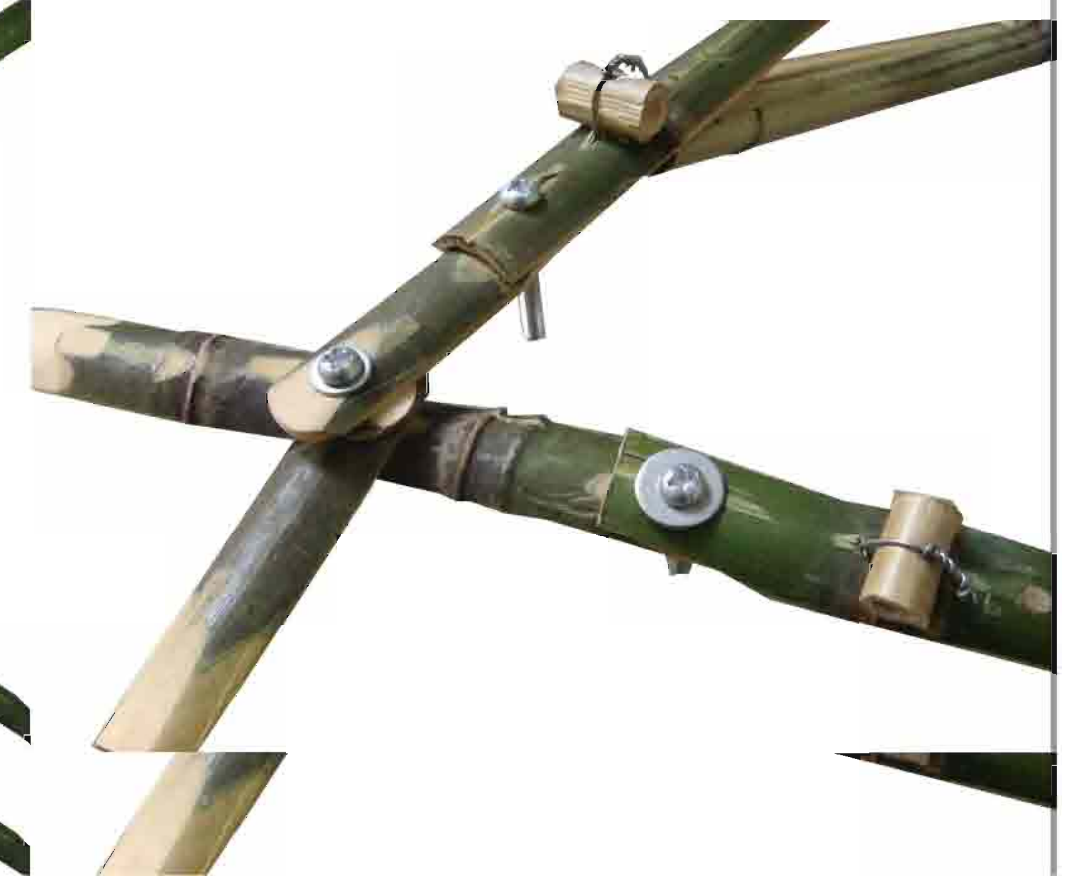
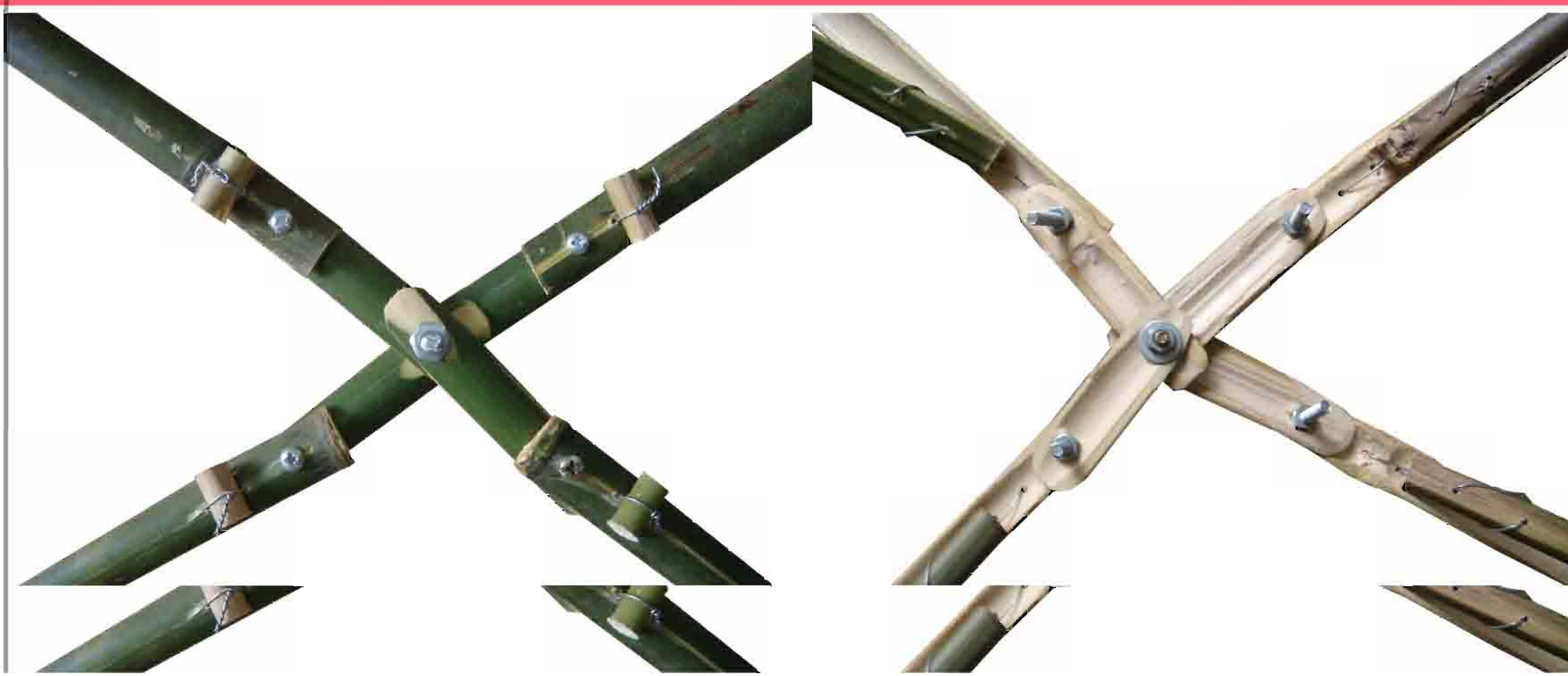
GEMEINSAM IN BEWEGUNG- DER BALL



1. Manufacture standardization. It's fit for the industrial volume-produce.

1. A consideration for the use of being a temporary tent during earthquake, with strong stability of structure.

3. The idea of node comes from the bow, make full use of the flexing resistance and the pulling-force resistance of the bamboo.



BAMBOO WORKSHOP



wonderful ability to bend

what kind of design can exert the feature of bamboo effectively?

assignment is a shelter in campus

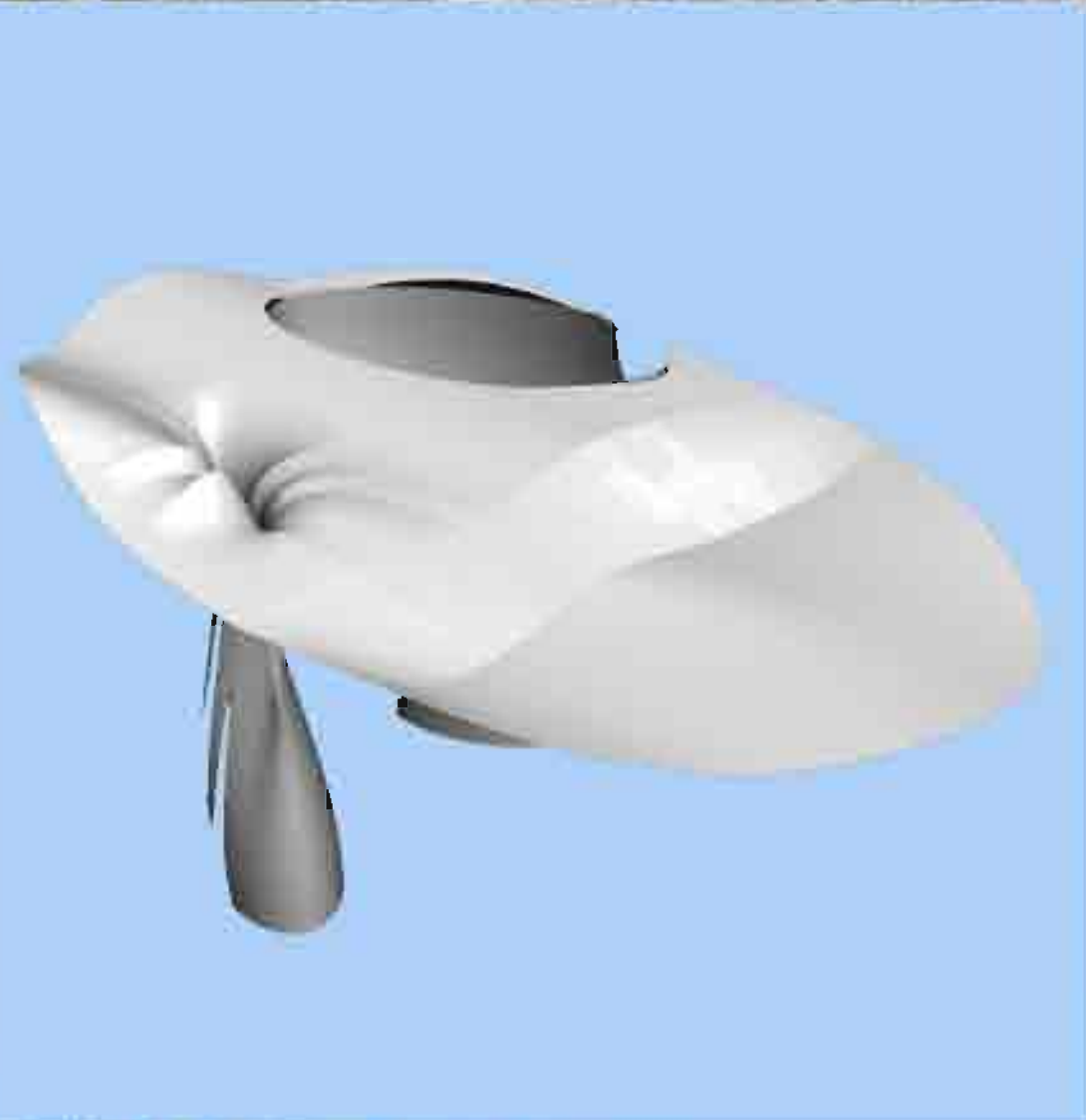
the key to the design is to use the feature of bamboo that is good at bending

but how to create a splendid space with this bamboo's feature?

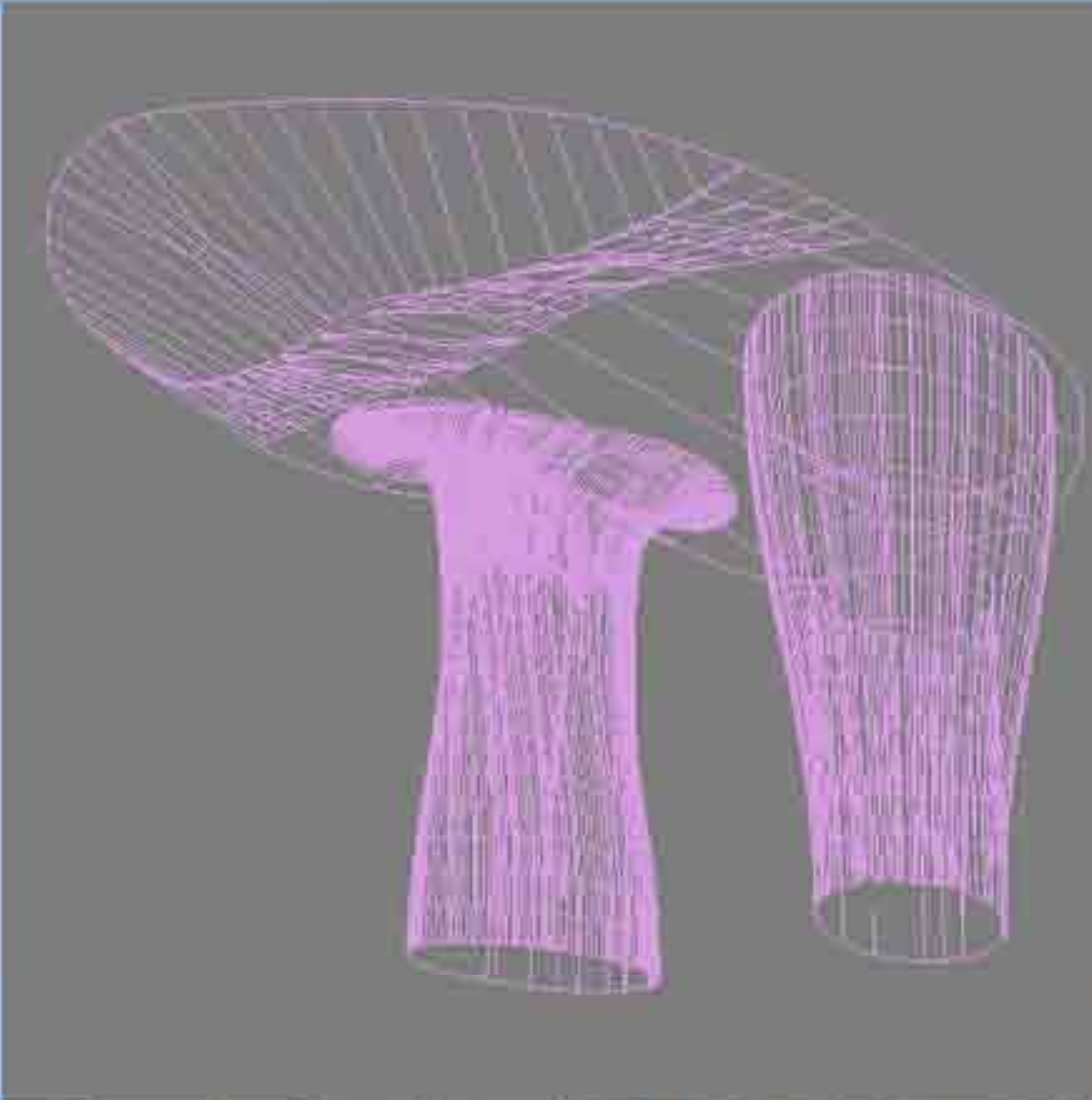


mushroom?

First step



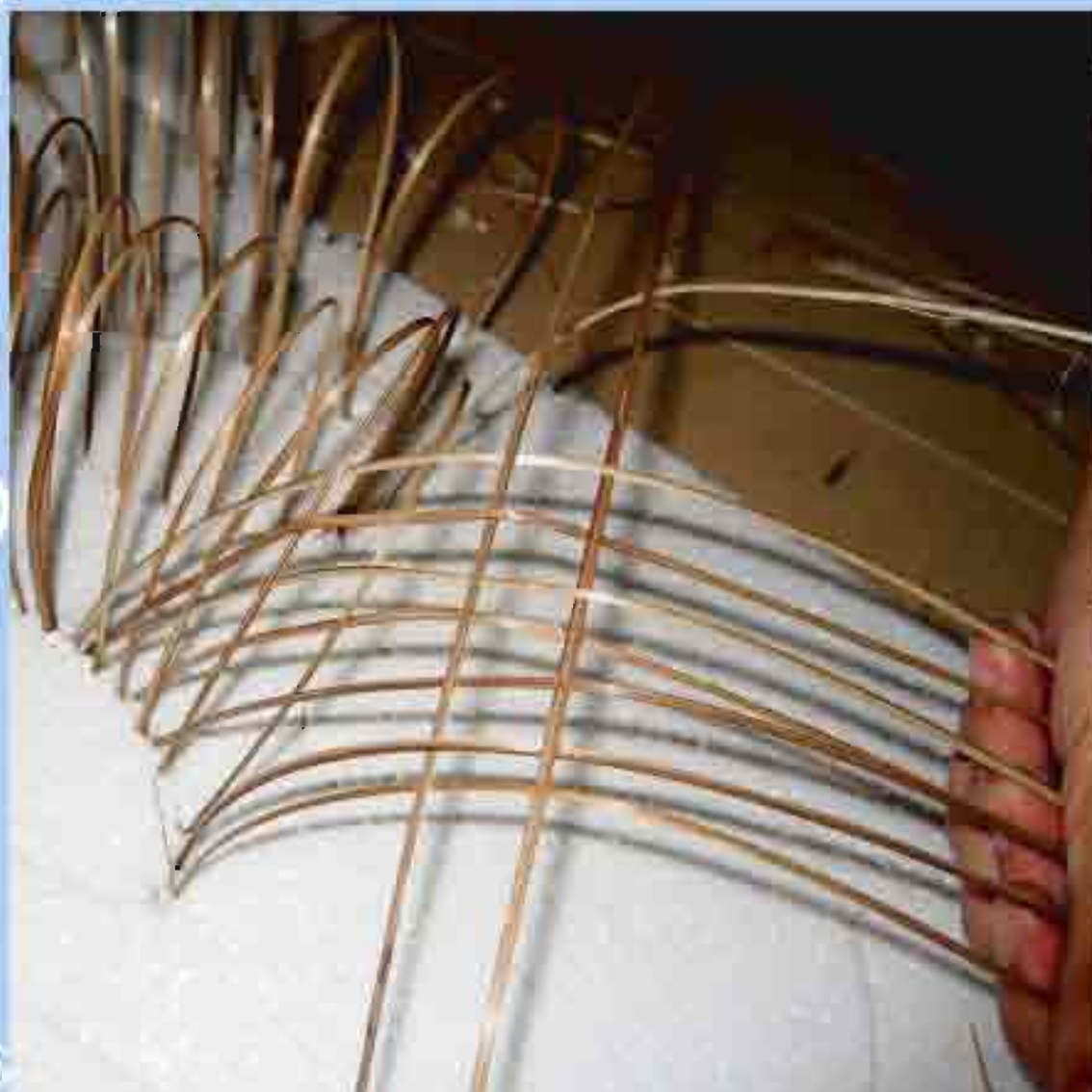
concept but forward



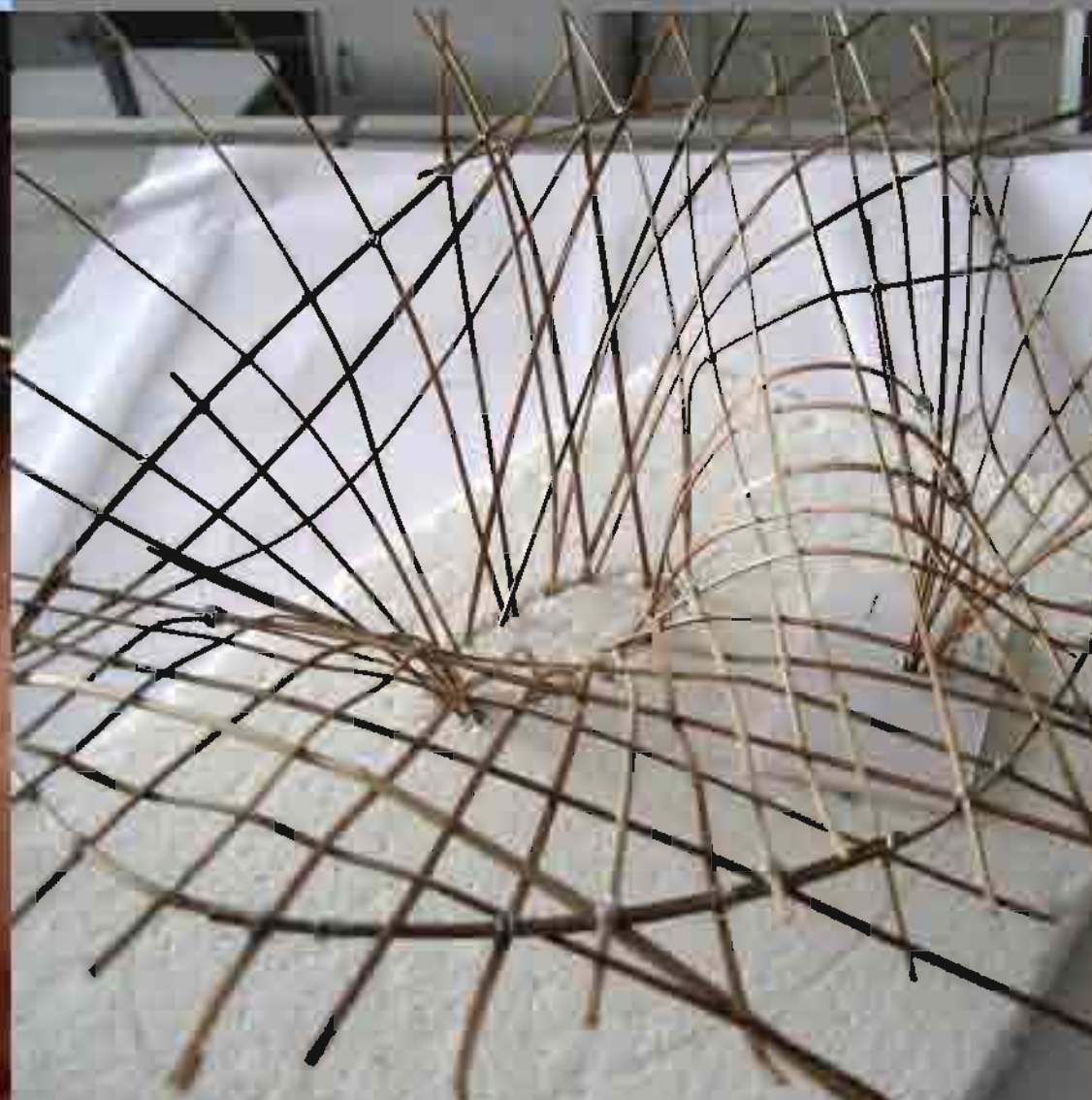
in the first step we try to make a landscape whose structure is a intergrated system in the system,there is no traditional concept of a building

the shape is learned from the mushroom

Second step



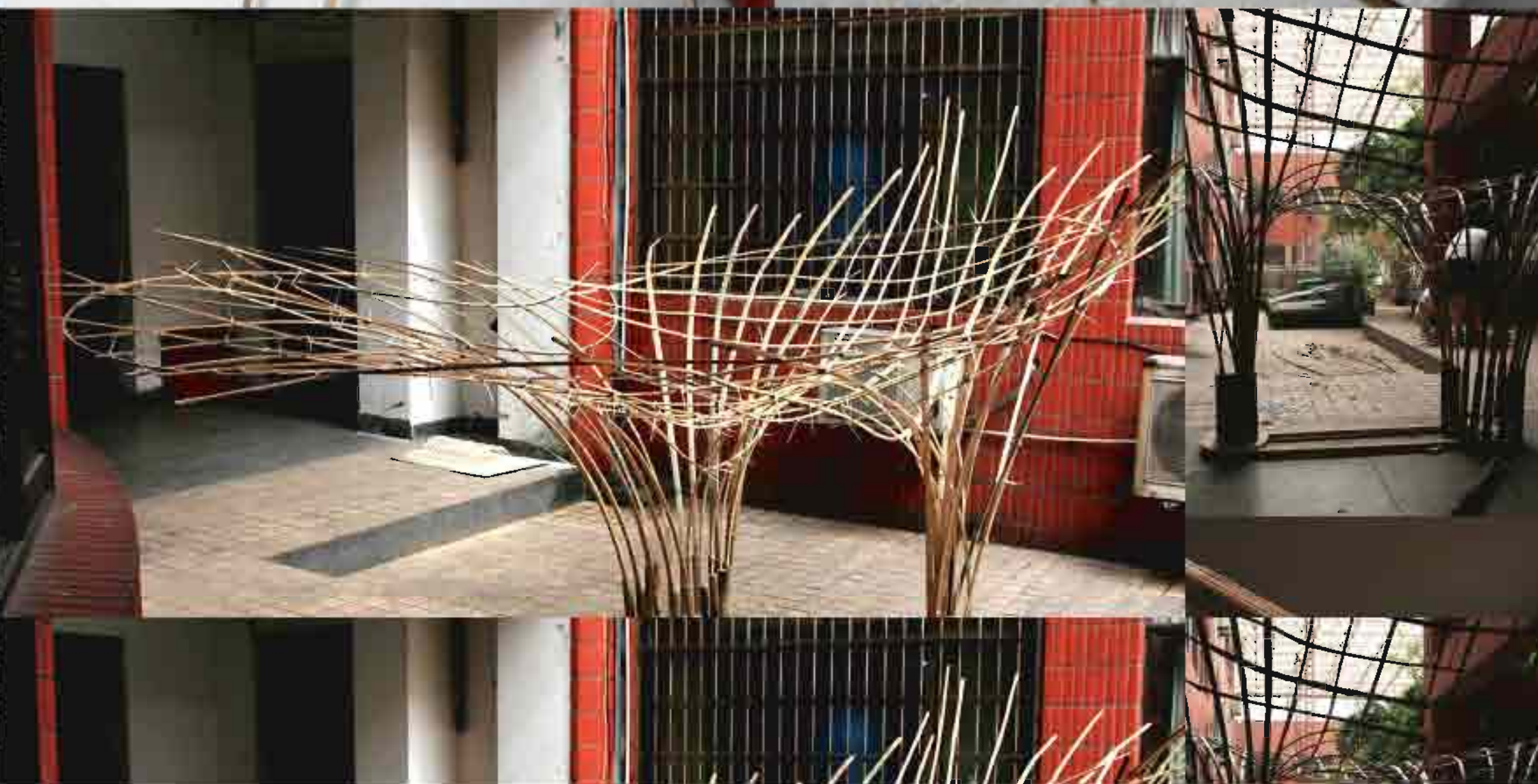
working model process



in thesecond step we start to make the "mush-room with bamboo strip in a short scale

in doing we try to add another traditional Chinese skill to our design—weave

Third step



中德合作教学工作坊

Workshop Cooperative teaching between China and Germany

主题：竹建筑

Topic: Bamboo for building

目标：

- 1、了解竹材的基本性能，关注于力学与美学，加工与建造。
- 2、掌握竹材的基本连接构造。
- 3、在可持续发展的背景下，探讨竹子作为建材的各种可能性。

Objectives:

- 1、 Understanding the performances of bamboo, concentrated on mechanics and aesthetics, process and construction.
- 2、 Studying on the joint construction of bamboo.
- 3、 Based on the background of sustainable development, exploring any kind of possibility of bamboo for building.

任务：

以竹子为主材，在重庆大学校园中设计并建造一个你认为需要的遮蔽所，如入口，候车廊、标志塔等，平面投影面积不超过 10m^2 。要求创造性使用竹材，注重结构逻辑，具有可实施性，能够预制装配。

Task:

The task is to design and build a shelter in campus of Chongqing University, and the main material should adopt bamboo or its products, the area of plan is not more than 10m^2 .

计划：

- 第一阶段：5.04~5.18，竹建筑认知，基地选择，概念构思，模型制作
第二阶段：5.19~6.01，修改构思，模型深入，陈述答辩
第三阶段：6.02~6.22，设计优化，技术设计，建造计划
第四阶段：6.23~7.13，材料购买，基地准备，构件制作，节点制作，组合安装