

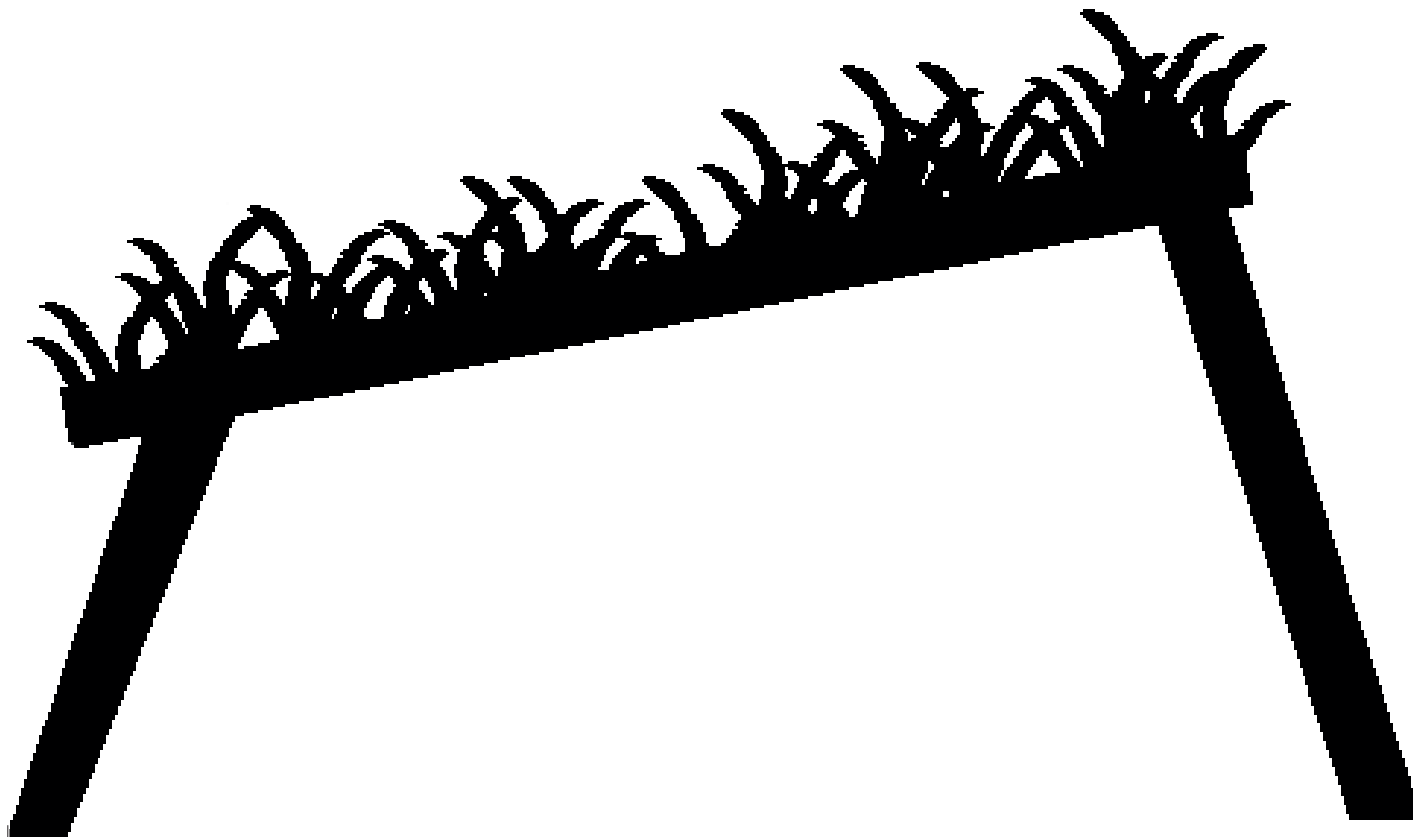
Autonomic

Plant

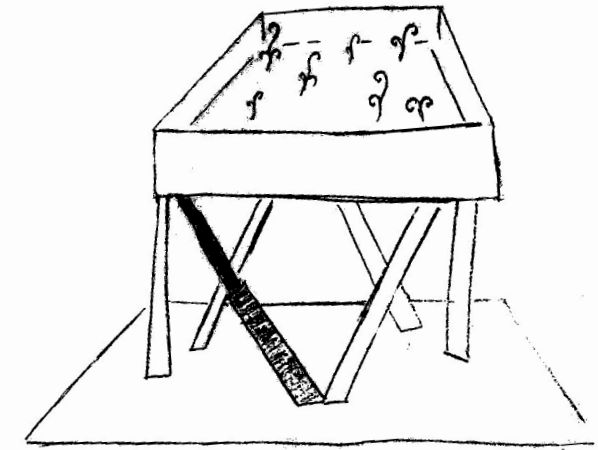
Table

System

The idea is based on adapting to the environment. The system has a mechanism that makes the system spontaneously lean according to sun. This helps the plants on the roof to get the exact amount of sunlight as needed.



How it works? The structure has a cylinder which adjusts its length based on air temperature. As the temperature rises, the cylinder grows. Now the structure is able to tilt and change its shape because the poles are of different lengths. Of course the structure needs further practical development.





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The Autonomic Plant Table System could be widely applied into plantations all around the world. Especially in the Northern or Southern countries where there is a limited amount of light, this system could help plants that need plenty of sunlight to grow rapidly without an external uv-light-source, as the plant system would be installed so that the plants would get the maximum amount of available sunlight during the growing season.