

## [動覺生物] Motivational Sense Organism

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動覺是一種奇妙的表現能力，他能微妙的在與人溝通上傳達這種細緻的表情。如同在植物上，微妙的動覺便表現給人一種柔軟、舒服的想像力。尤其植物含苞待放的特徵，能藉由花束、盆栽等社交與裝飾的用途中，帶給人貼近大自然的感受。

在本動覺植物裝置設計中，呈現了一種植物表情的張力。藉由與人互動的過程創造出不同反應的表現劇本（例如：隨著人注視與移動，該生物嬌滴滴的改變姿態，就像害羞起來的表情）。本靈感來自於含羞草與人互動的情境，欲藉由新科技媒材的運用，創造互動上的可能性。這種動覺生物的表情，運用了可動式結構(採用台灣科技大學建築系施宣光教授之專利接頭)、多人注意力感測器(MIT MediaLab 研發的 Attention Meter 軟體)、以及記憶合金彈簧等新科技的詮釋，呈現一種新鮮的互動經驗。

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Motion has a special performance, it could presents the posture with tension and emotion. As like plants, it give people a sense of softness and comfort. The characteristic look of a plant on the verge of blooming through bouquets and bonsai, etc. gives people a sense of being close to nature.

This plant kinesis installation art design features the mimosa, which is an attempt at showing the tensile strength of plant's expression. It shows different reactions during its interaction with humans (e.g. as people gaze and move around it, the plant assumes a different posture as if it becomes shy), which consists of interactive (utilized Attention Meter tool kit by MIT MediaLab), autonomous robot performers with natural and expressive motion that combines technique from moveable structure (utilized the patent by Prof. Shen-Guan Shih) and NITI-spring control. The stage contains real-time, pantoscopic vision that tracks multiple features on multiple people to perform the shy emotion. The imagination of the plant's expression offers a novel interactive experience through direct transmission of instantaneous and dynamic changes between the interacting parties.

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