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DIMEA 2008 – Digital Art and Entertainment Exhibition

Exhibition chairs: dr Manthos Santorineos – dr Voula Zoi

Designing interaction and animation in YS-3: Multi-layered interactive animation

A4.2. Interactive Movies

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Description

YS-3 is an interactive animation device. This device makes it possible to display animations with an actual sense of depth and let a viewer control developments of animations.

It has seven plastic displays and each display is inserted into different level of tower-style device. When a plate is inserted, an animation is projected onto the back screen of the component by a projector. Since a transparent plastic plate is inserted in each component at forty five degree, it reflects the animation on the back screen. With this structure, all animations on different displays are stacked like multi-layered animations. Different from usual displays, there is a space between displays. So, it can provide visual experience that cannot be attained by flat-style displays.

And a viewer can change the composition of displays in the device. What decides developments of animations is this composition. Visual experience gained from displays and animations showed on displays have not been related to each other. YS-3 is an interactive animation device that connects developments of animations to visual experience.

Link

<http://web.sfc.keio.ac.jp/~yes/dimea2008>

(Demo movie: ys3demo.mov (64MB) 1min52sec)