

SKINPUT

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ABSTRACT

Skinput is a technology which uses the surface of the skin as an input device. Our skin produces natural and distinct mechanical vibrations when tapped at different places. Vibration sensors such as Piezo Film Elements are employed to detect these mechanical vibrations. When augmented with a pico-projector the device produces a graphical user interface on our skin. This technology provides an always available and convenient input surface. This also makes it possible to design devices in a way to reduce its size which in turn helps in power conservation without sacrificing on the surface area of the input.

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