

v.morish' 09: A Morphing-based Singing Design Interface for Vocal Melodies

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This paper describes a singing design method based on morphing, the design and development of an intuitive interface to assist morphing-based singing design. The proposed interface has a function for real-time morphing, based on simple operation with a mouse, and an editor to control the singing features in detail. The user is able to enhance singing voices efficiently by using these two functions. In this paper, we discuss the requirement for an interface to assist in morphingbased singing design, and develop an interface to fulfill the requirement.

Key words: Singing voice synthesis, voice morphing technique, user interface design