

Combined Partial Motion Clips

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ABSTRACT

We present a motion editing method for articulated figures using Combined Partial Motion Clips (CPMCs). CPMCs contain detailed motion information for some parts of the articulated figure. They can be used to edit base motions in such a way that the parts that are not defined in detail will still be affected thereby emulating the correlation that exists naturally between joint movements. This is achieved through the inclusion of equations in the CPMC that capture the effects of the detailed motion on other degrees of freedom of the articulated figure.

Keywords

Computer Graphics, Animation, Motion Editing.