

Fig. 1. Outline of proposed visualizing system.

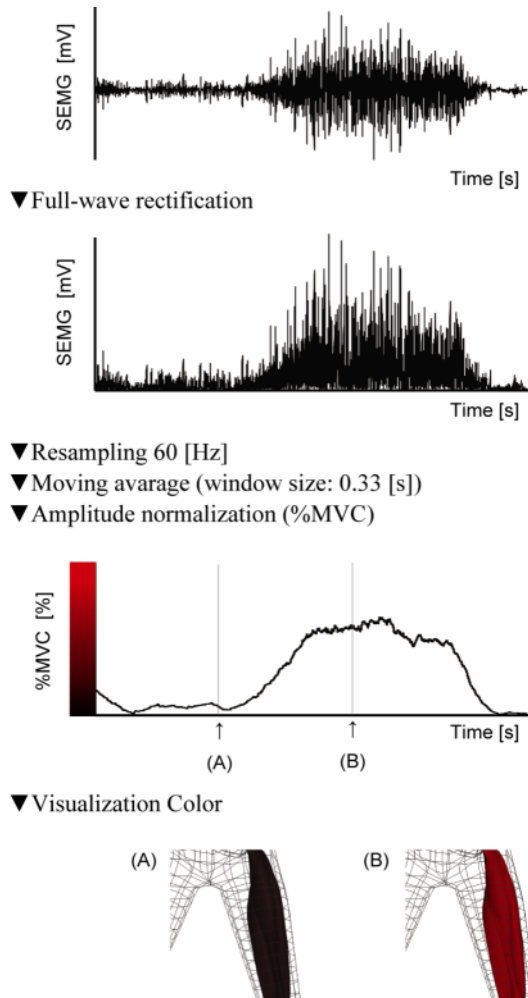


Fig. 2. Method of signal processing and visualizing of SEMG.

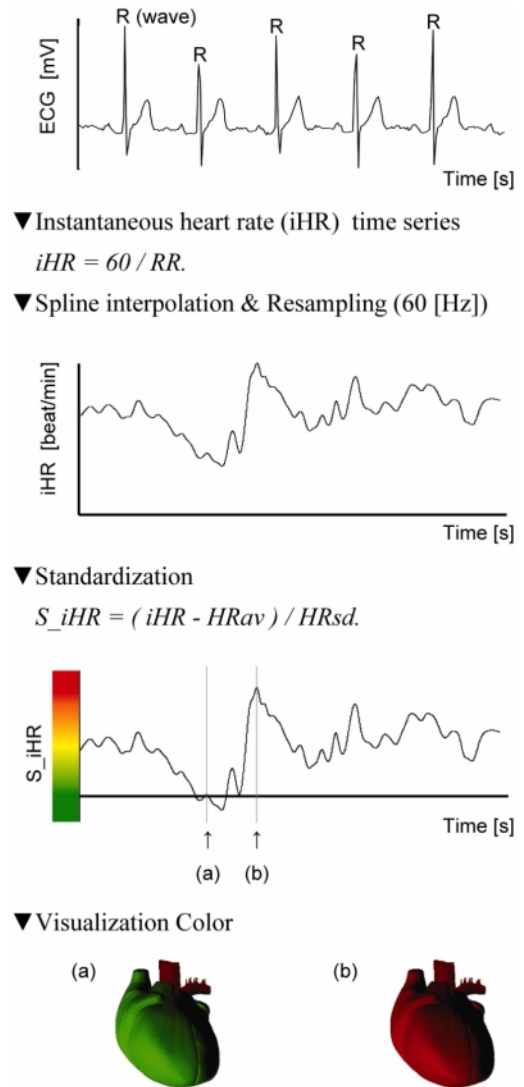


Fig. 3. Method of signal processing and visualizing of ECG.

tion and maximum voluntary contraction, is calculated.

5) %MVC is assigned to the tone of color of the targeted muscle. The color of the muscle model is dark when the %MVC is low (model A). On the other hand, the color of the muscle model is vivid when the %MVC is high (model B).

## B. ECG

The method of signal processing and visualizing of ECG are shown in Fig. 3.

1) Instantaneous heart rate (iHR [bpm: beats per