

The Effect of Spatio-Temporal Resolution and Camera Work on the Dance Appreciation Experience

時空間解像度とカメラワークがダンスの鑑賞体験に及ぼす影響

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In this paper, the effects of resolution and camera work on the appreciation experience of dance were verified. Specifically, I defined "embodiment in dance" as "what is expressed by the fact that the dancing (external order) appears to move from an internal order such as emotion", and examined whether or not this could be communicated through video by improving resolution and devising camera work. In the method focusing on resolution, the dance works were first shot with an 8K camera. Next, the experiment was conducted to appreciate the dance videos by changing the resolution of the shot videos to 2K, 4K, and 8K. This experiment revealed that material things, such as costumes and the body itself, were well visible. In the method focusing on camera work, the experiment was conducted using a smartphone and a drone. In this experiment, the results showed that dance videos with ingenious camera work were more engaging, novel, and interesting outside of the box. In addition, it was clarified what the dancers were trying to shoot in their dance works and how they were trying to shoot it. Further studies are needed to clarify whether or not "embodiment in dance" can be communicated through videos. However, I found that camera work has the potential to communicate the "embodiment in dance" more than live in this experiment. Moreover, it was found that what is important when appreciating dance is not only "embodiment in dance" but also "whether or not the audience can have a live appreciation experience".

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