

“SOUND DESIGN AND ITS INFLUENCE ON USERS’ PERCEPTION OF FRAME-BY-FRAME ANIMATION IN ADOBE PREMIERE PRO”

Chebotarova Iryna, Ryabinina Inna

Kharkiv National University of Radio Electronics, Ukraine

As part of this study, a short cartoon with frame-by-frame animation called “Album” has been created. An appropriate sound design was developed to enhance the visual perception, which includes a variety of audio backgrounds, sound effects and music, selected with attention to the features of the animation.

Sound design plays a key role in the perception of frame-by-frame animation and the program Adobe Premiere Pro provides all the necessary tools to make this process as accurate and effective as possible. Sounds, such as background noise, natural sounds or mechanical effects, cannot only support the atmosphere, but also greatly enhance the emotional component of the cartoon. For example, the sounds of rain or rustling leaves can create an atmosphere of solitude and tranquility, while the sounds of cars and people in urban scenes enhance the dynamic and immerse user in a certain environment.

Synchronizing sound with the visual part of the animation is an important element in the process of creating a cartoon. Adobe Premiere Pro allows to fine-tune sound effects to match the movements of characters or objects. This synchronized interaction helps to make the animation more lively and natural. For example, character footsteps, bumps or squeaks that accompany movements add depth and create a realistic effect, allowing the viewer to become more immersed in what is happening.

In addition, you can use the program to manipulate sound effects by changing their parameters, such as pitch, speed or adding filters to create a unique sound that enhances certain elements of the cartoon. Unconventional sound solutions, such as using sounds from real life transformed into something unusual, help to enhance a fantastic or comedic atmosphere, adding interesting nuances to the experience.

One of the significant tools of Adobe Premiere Pro is the ability to work with silence, which can be an important element in sound design. Pauses and the absence of sound at key moments help to create tension or give the viewer time to realize what is happening. It is important to use such pauses correctly so that they emphasize visual accents, which makes the cartoon even more expressive and atmospheric.

In conclusion, sound design made with Adobe Premiere Pro not only supports visual solutions, but also greatly enhances the perception of frame-by-frame animation, adding emotional intensity and immerses in the world of the cartoon.

References:

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