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NIKFI: at the junction of artificial intelligence and computational photography 3

***Abstrakt***

***The article discusses the technologies of artificial intelligence (AI) used in the cinema technique owned by NIKFI and what benefits will these technologies bring to the film industry?***

***:***

***- Convert voice to text to create subtitles;***

***- Recognition of the language of oral speech;***

***- Extraction of semantic metadata;***

***- Analysis of the emotional tonality of speech and text;***

***- High-quality voice synthesis while synchronizing with the facial expressions of the actor;***

***- Summarization of the video;***

***- Automatic creation of several versions of content by replacing words and / or faces of actors;***

***- Automatic installation of the scene from materials obtained from several sources;***

***- Automatic creation of storyboards for facial movements of characters' faces from the archive of videos to create***

***content without a real movie.***

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