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A novel taxonomy of student-generated video styles

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Abstract

Video is a medium increasingly used in education. The styles of videos produced for academic purposes have been studied in the literature based mainly on those initially designed by instructors for use in MOOCs. In this work, we define a novel taxonomy of academic video design styles based on the videos produced by students. We have defined 10 different styles after reviewing 105 student-generated videos over 5 years. These types of videos reflect the tastes of students when making a video, which do not necessarily coincide with those of instructors. Based on our classification, a comparative analysis was done between the types of videos developed by instructors and by students, and significant differences were found. The style most commonly used by instructors is similar to the presentation slides while students' videos are based on the integration of videos and images they search for on the Internet.