

Computer Picture Show

By studying moving images from different angles engineers can predict what machines in motion will do



Artist's Aid: The Intersection of Art and Technology

This article discusses the integration of art and technology, specifically how artists are utilizing computers to create intricate designs. The computer is programmed to draw straight lines, forming complex shapes and figures. The article also highlights the evolution of computers, from early models that produced numerical printouts to modern ones capable of transforming millions of numbers into comprehensible drawings.

Computer graphics are now ubiquitous, appearing in classrooms, video arcades, and even in the design process of cars and movies. The article also discusses the concept of pixels, the tiny units that form pictures on a screen. The more pixels a screen contains, the more detailed the picture will be.

The article further explores the dynamic nature of computer graphics, which can change and move, providing different perspectives of an object. This feature is particularly useful in fields like engineering and sports, where motion analysis is crucial.

The article concludes by discussing the work of Gideon Ariel, a computer and sports expert who has developed a system to analyze athletes' motions using computer graphics. This technology has proven beneficial in improving athletes' performance.

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Below find a reprint of the 4 relevant pages of the article "Computer Picture Show" in "National Geographic World":



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