

1. Introduction

1. Towards the end of the nineteenth century, different designers explored the possibility of using photography to create the impression of movement. Their experiments created many changes in this area over a significant period; these changes evolved to create cine film.

2. Originating from the Greek 'kinema' meaning motion, the word cine denotes key aspects of film. The process of cine film involves capturing a series of instantaneous photographs of a moving object or several objects. These images are then presented sequentially in such rapid but controlled succession that the viewer perceives actual movement. This is the essence of cine film and its modern origins derive from the French *Cinématographe*, the forerunner of the cinematograph, which worked as a combined camera and projector.

3. Initially, cinematography was a professional pursuit but as public interest in it grew, opportunities for active amateur participation also increased. Over time, the interest of amateurs in using cine film gathered momentum and the number of hobbyists creating home movies soared.

4. The content of this report is dual: it traces the journey of cine film from its origins, through popular amateur use and towards its current condition. It also looks at the mechanical details of cine film: its operation, use and significant technical aspects of it. Its major aim is to provide a broad understanding of cine for those with an initial active interest in the medium. It also provides an overall background of cine film to allow some readers to either further their general understanding of it or choose a specific area of interest to specialise in and investigate. It therefore provides a platform for further research for those with their own particular interest in cine film who seek to join other enthusiasts of it.

5. This report uses text and illustrations to convey adequate information. Some of the illustrations are technical with text explaining particular aspects; others depict the content of the report to support the text. The report is in two main parts. The first is a historical reflection, the second a specific analysis of the medium with its influential events, significant mechanics and particular details. This is purposeful to allow broader understanding of the medium. The final section contains a summary of significant events in the development of cine film, some illustrated examples of the equipment amateurs used and references to provide opportunities for developing further interest in cine film. To accomplish all of these intentions in an appropriate manner, it is logical to begin where the significant developments of cine film began.

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