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Decoder
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Abstract

The study of theory and system of decoding video signal to RGB is the benefit of using them in various fields such as computer graphics, image processing and so on.

Afterwards, experiment and design are made and PAL decoder is created on the basis of the theory studied, adapted and developed in accordance with the study and theoretical research and the system created.

Moreover, there is experiment on the equipment designed and created on the standard of CCIR to find the specification of such equipment like frequency response, distortion and the ratio of signed distortion. Some of the findings are better than the standard, some are lower. However, the findings of this study and research will be helpful for interesting persons who can use and study them in the future.