

Digital broadcasting technology and its effectiveness in the local and international television image

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Abstract:

Television attracts millions of viewers all over the world, and this great interest in this media is increasing with the rapid and modern changes in media. Technology has clearly intervened in all stages of television image to provide an image of the highest possible quality in form and content. The stage of television broadcasting is one of the most important stages of the television system, which has advanced significantly in recent times thanks to digital systems, dozens of satellites, the development of Internet networks and the revolution of social media.

The research will deal with the different technology of television broadcasting systems and its effectiveness in the local and global television image. The problem of the study lies in the confusion between the concepts of multiple broadcasting systems and the lack of technical bases and rules for those systems to ensure obtaining the highest possible quality on different TV screens. The study will attempt to answer some questions, such as what extent is possible to activate the various digital broadcasting systems locally and globally? And what is the difference between broadcasting and streaming? The study aims to clarify the differences between the technology of different television broadcasting systems and their impact on the quality of the video image, to highlight the extent to which the latest broadcast technology can be applied, and the extent to which interactive television systems have developed with the development of television broadcasting technology, and to clarify the areas most affected by digital television broadcasting technology

Keywords:

Television broadcasting technology , digital broadcasting , digital television