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## Bibliography

- Diana Weynand and Vance Piccin with Marcus Weise: **How Video Works.** From Broadcast to the Cloud. Third Edition, Focal Press, New York NY and Oxon 2016

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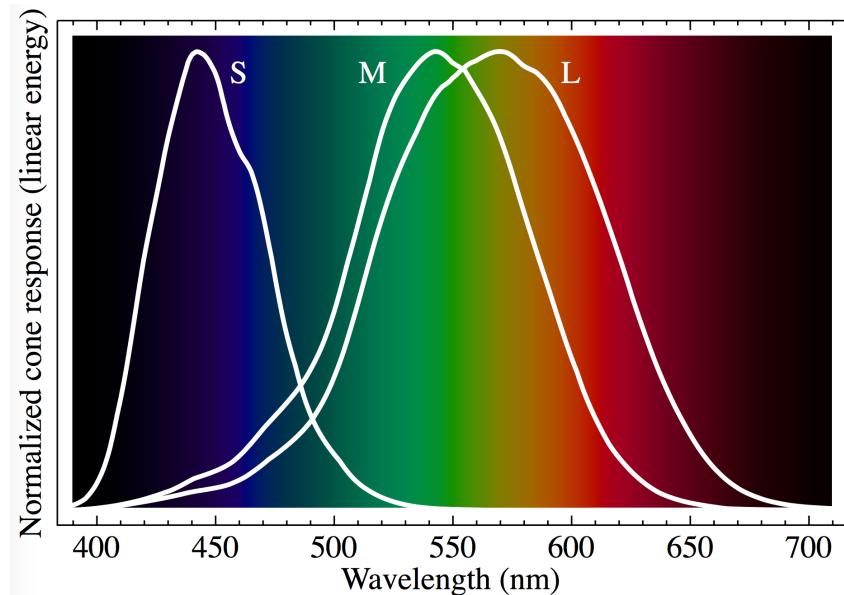
## Analogue Television and Video

Reto Kromer • AV Preservation by reto.ch

### On the Materiality of Audio-Visual Heritage

Elías Querejeta Zine Eskola  
Donostia (San Sebastián), Spain  
6–9 October 2020

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## Sound Recordings

- musical / music box
- phonograph
- phonograph cylinder
- phonograph / gramophone record
- magnetic wire
- magnetic tape
- magnetic film

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## Magnetic Tape

- open reel
- cassette
- cartridge

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## Photography

black and white:

- blue sensitive emulsion
- orthochromatic emulsion
- panchromatic emulsion

colour

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## Common Magnetic Formats

audio

- 2", 1", ½", ¼"

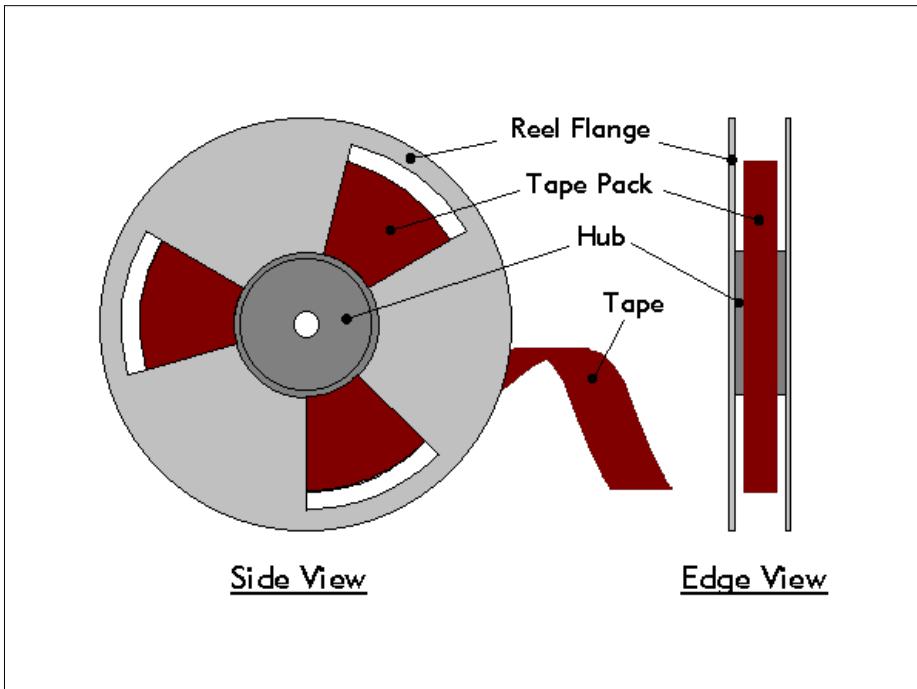
cinema

- 35 mm, 17.5 mm, 16 mm

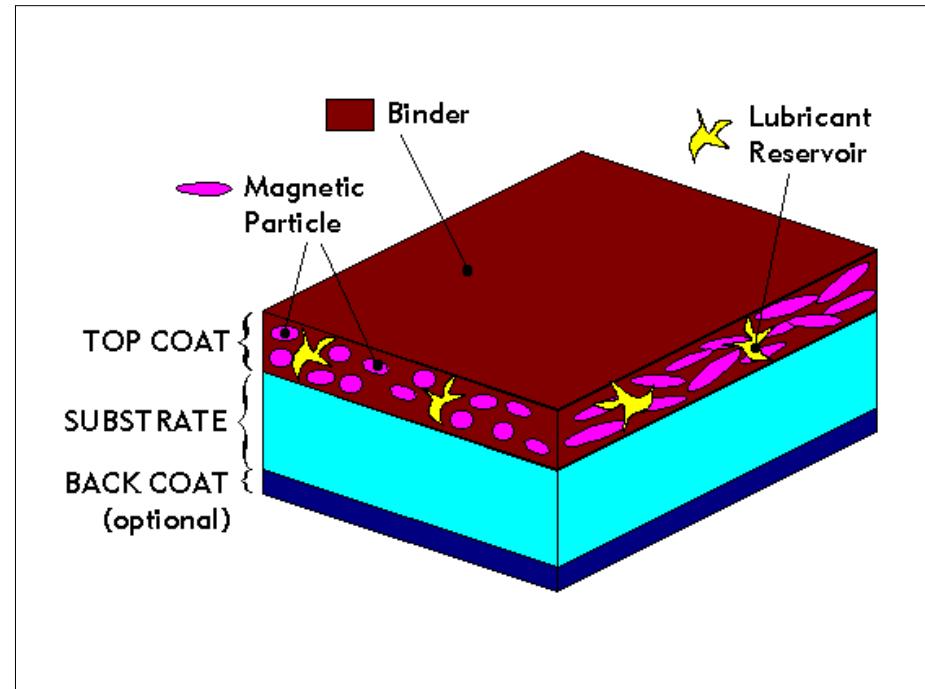
video

- 2", 1", ¾", ½"

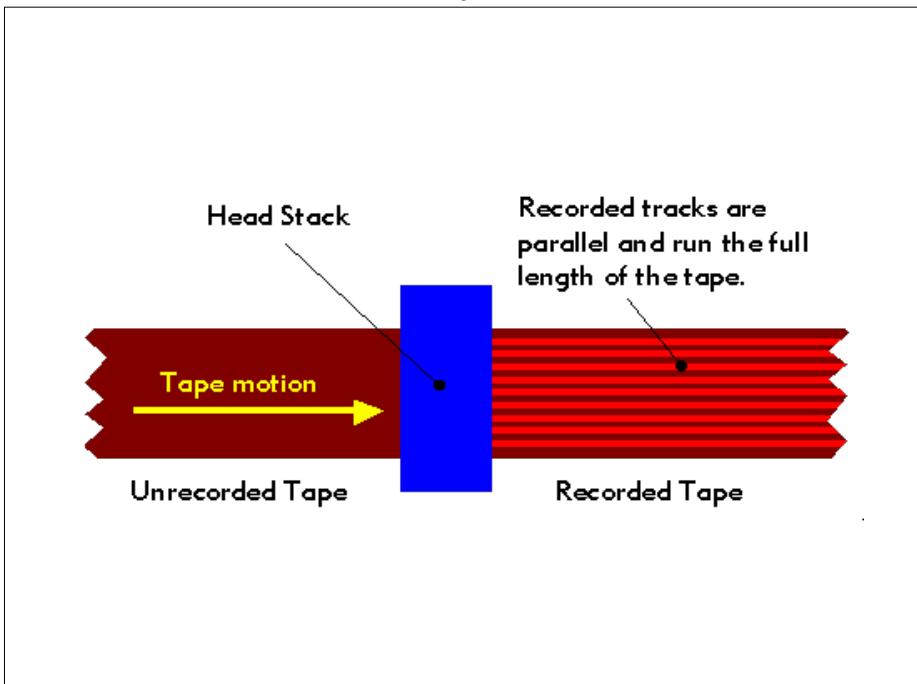
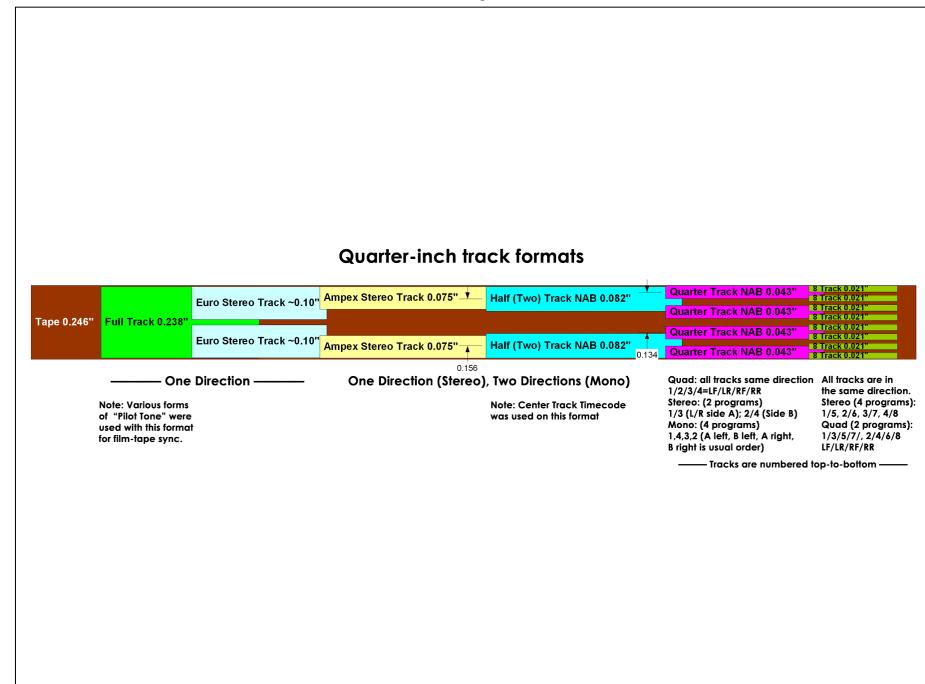
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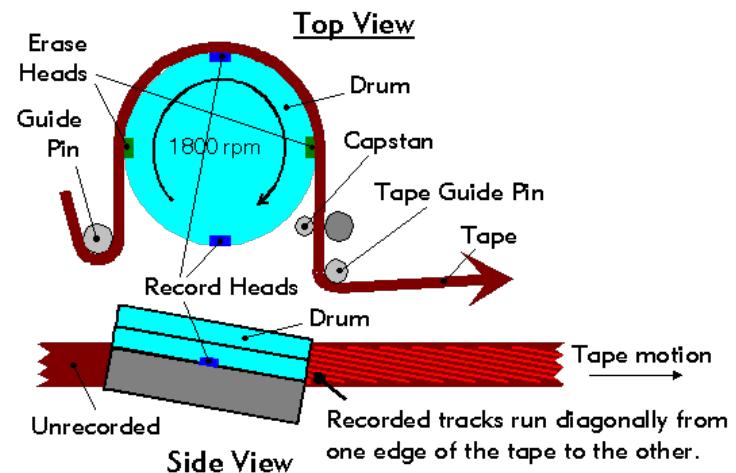


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## Sound Film Production

image	sound
photochemical	photochemical
photochemical	magnetic
photochemical	digital
photochemical + digital	digital
digital	digital

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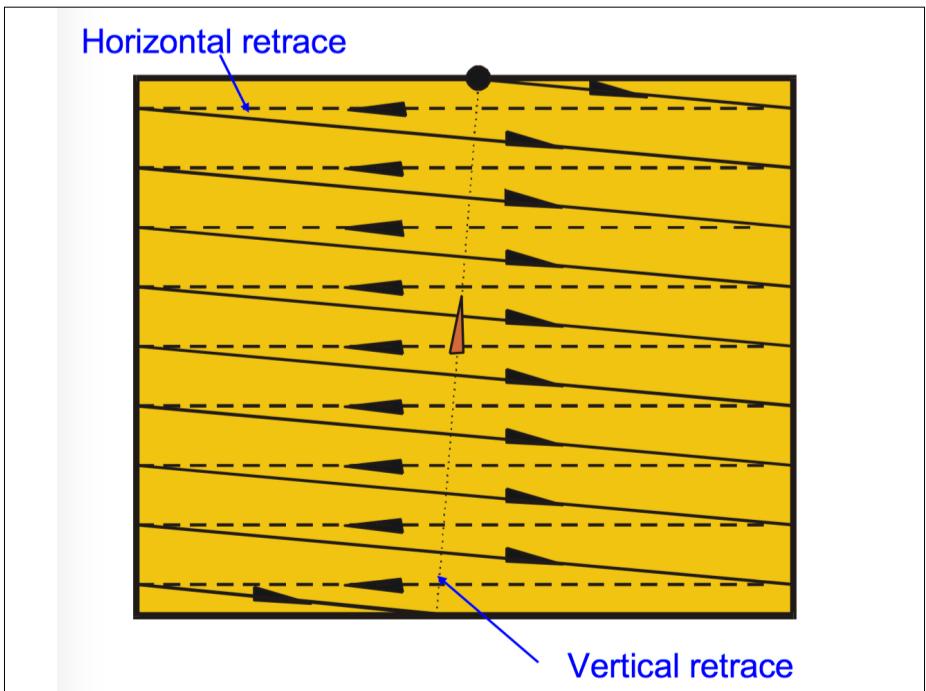
## Television

- film
- live
- film and live
- film, magnetic tape and live
- magnetic tape and live
- files and live

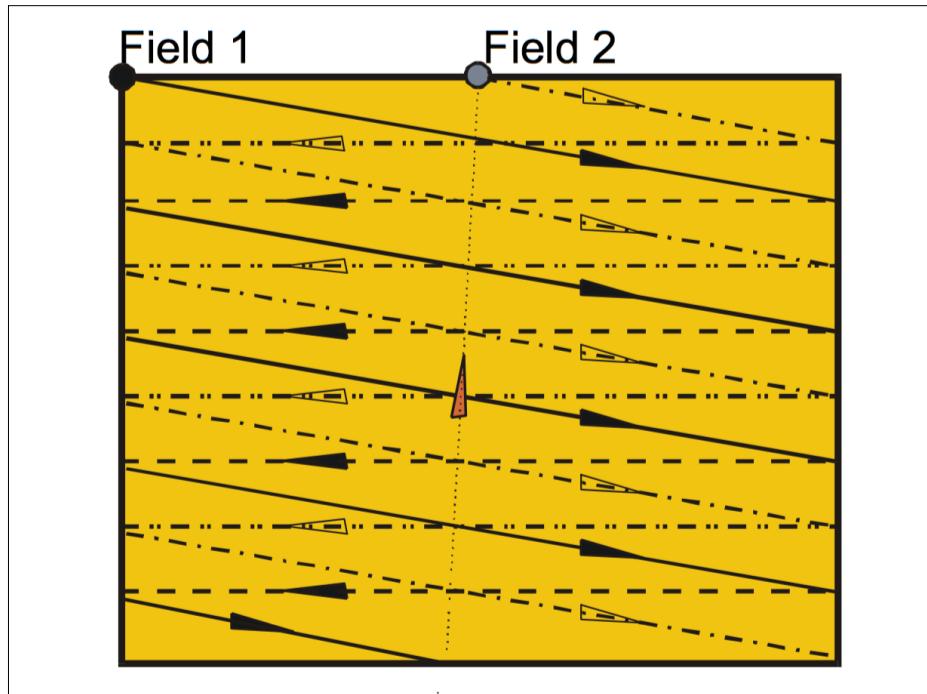
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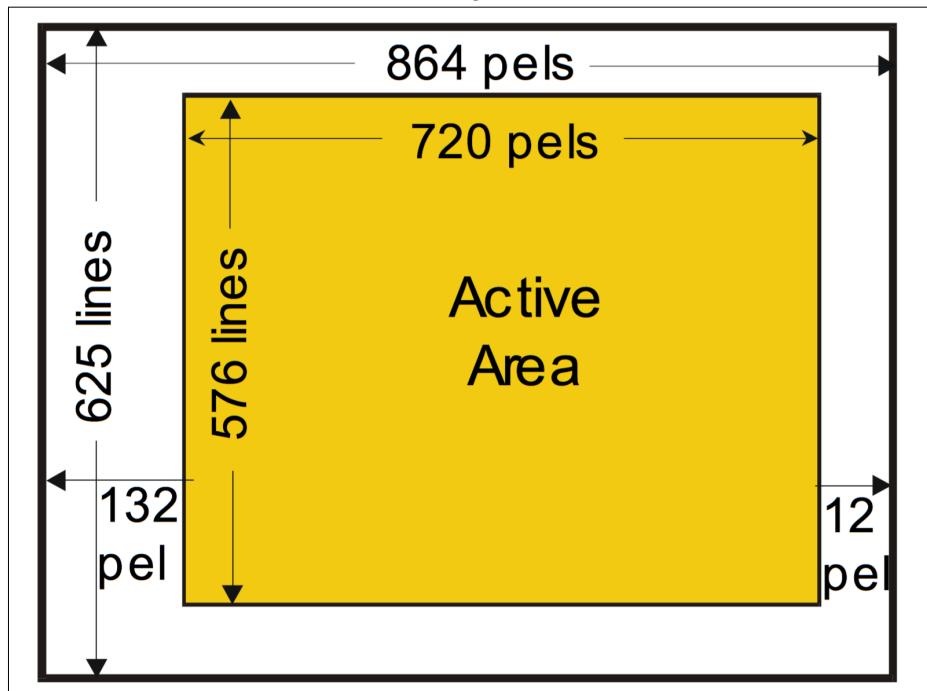
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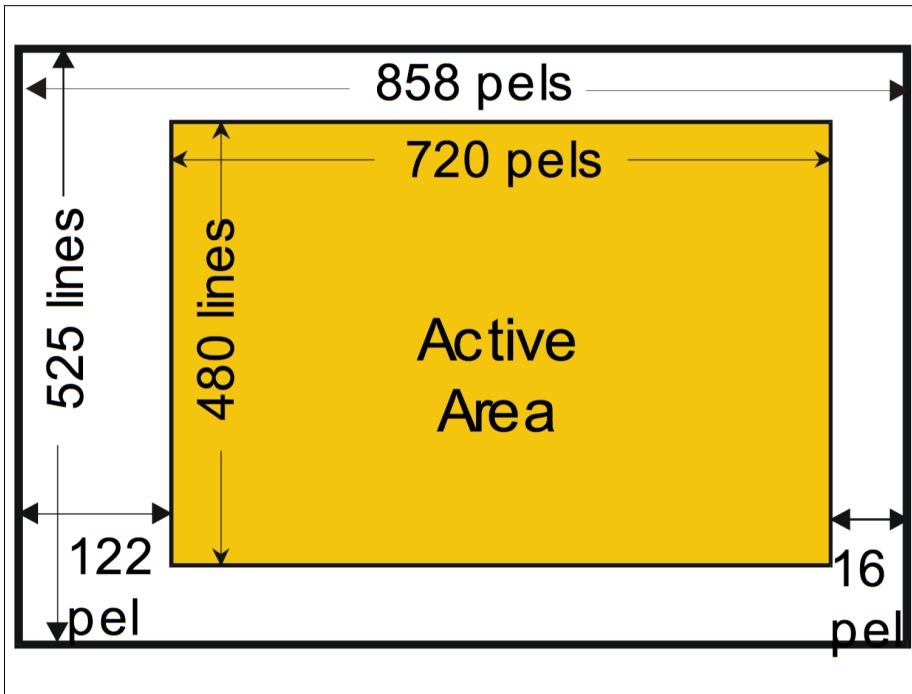
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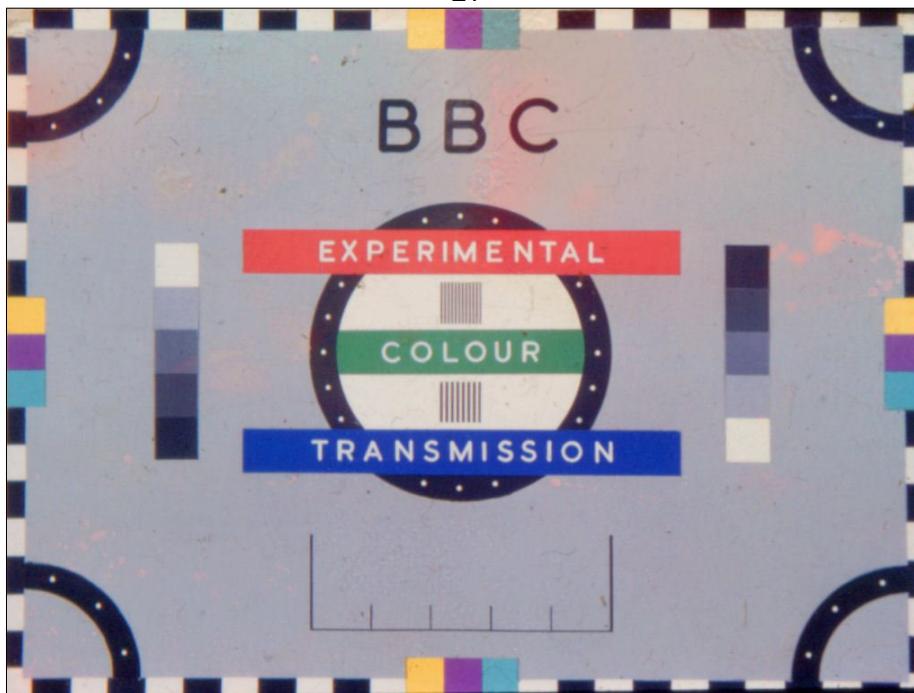
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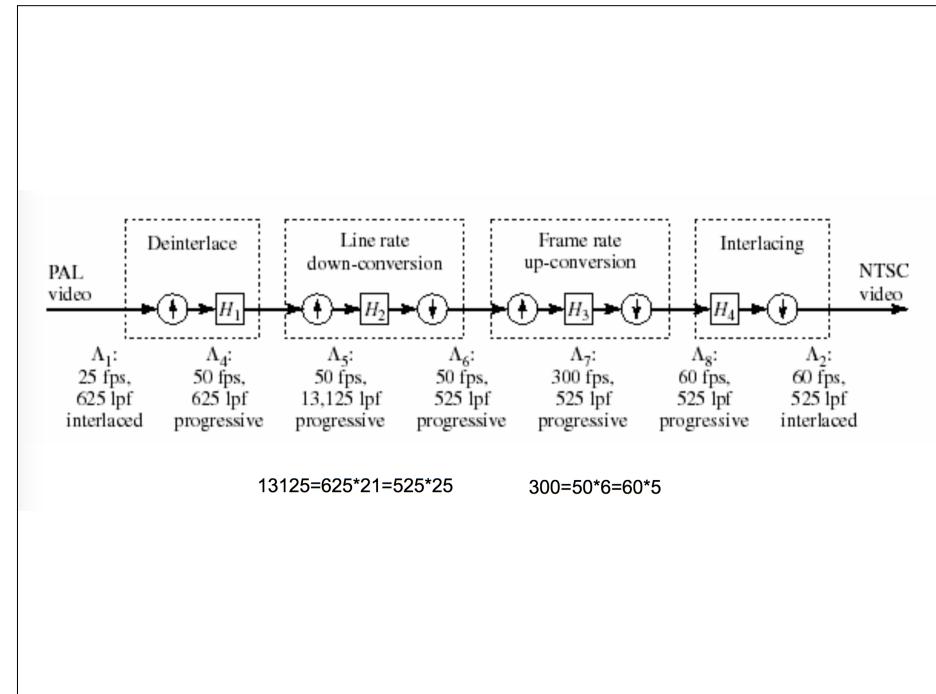
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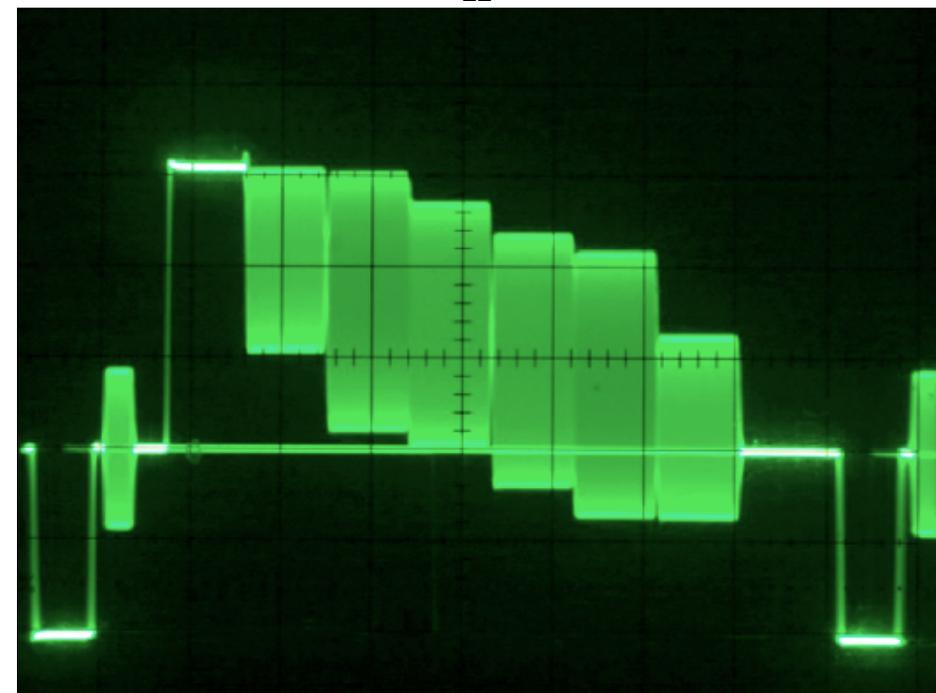
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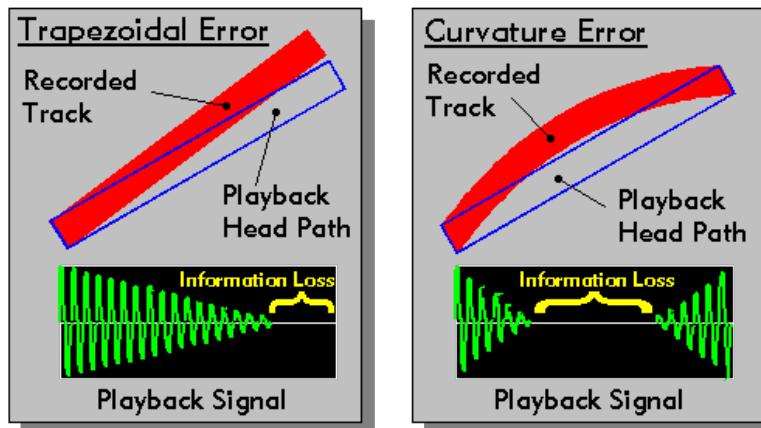
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# Identification

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## Workflow

- identification
- preparation
- digitisation
- quality control (QC)
- cataloguing

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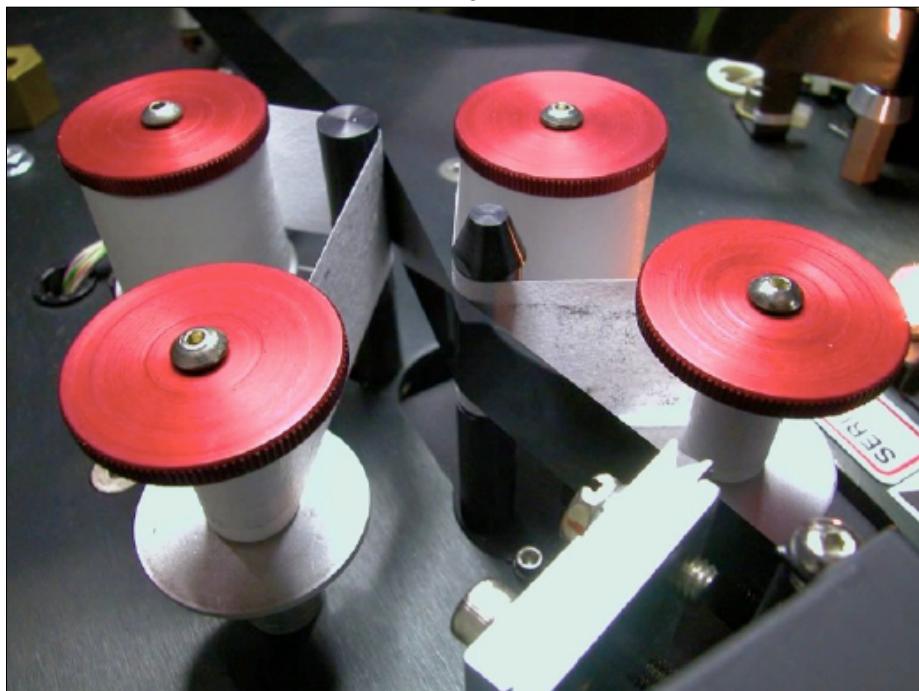
## Format Identification

**Videotape Identification and Assessment Guide.** Texas Commission on the Arts, 2004

→ [www.arts.texas.gov/wp-content/uploads/2012/04/video.pdf](http://www.arts.texas.gov/wp-content/uploads/2012/04/video.pdf)

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# Preparation



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## Storage and Handling

John W. C. Van Bogart: **Magnetic Tape Storage and Handling. A Guide for Libraries and Archives.** Commission on Preservation and Access, Washington DC; National Media Laboratory, St. Paul MN June 1995

→ [www.clir.org/pubs/reports/pub54](http://www.clir.org/pubs/reports/pub54)

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## Digitisation

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# AMIA Open Source

## vrecord

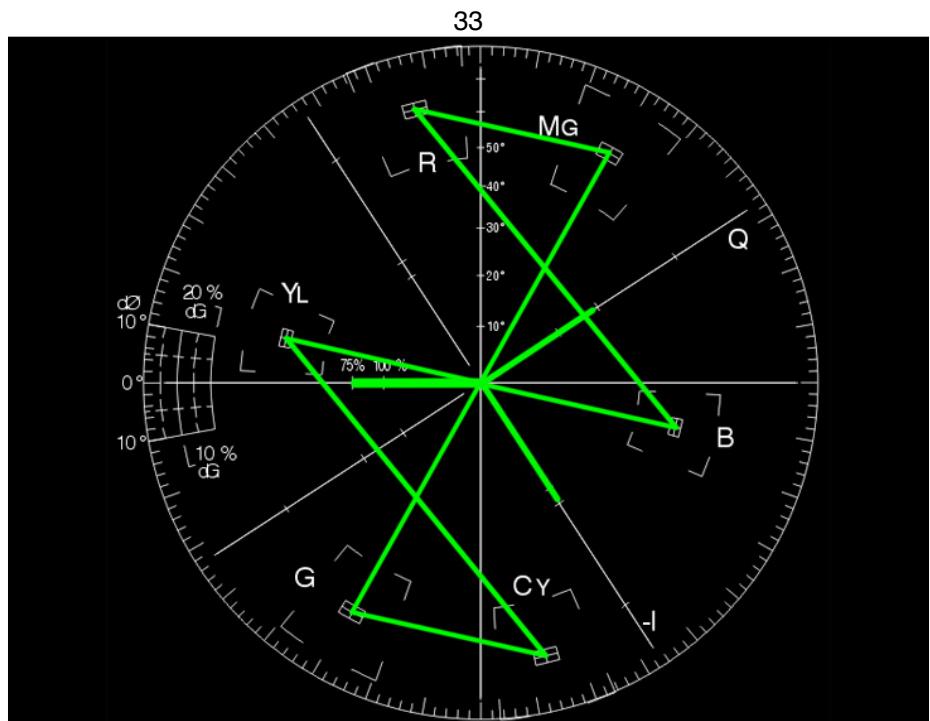
→ [github.com/amiaopensource/vrecord](https://github.com/amiaopensource/vrecord)

## audiorecorder

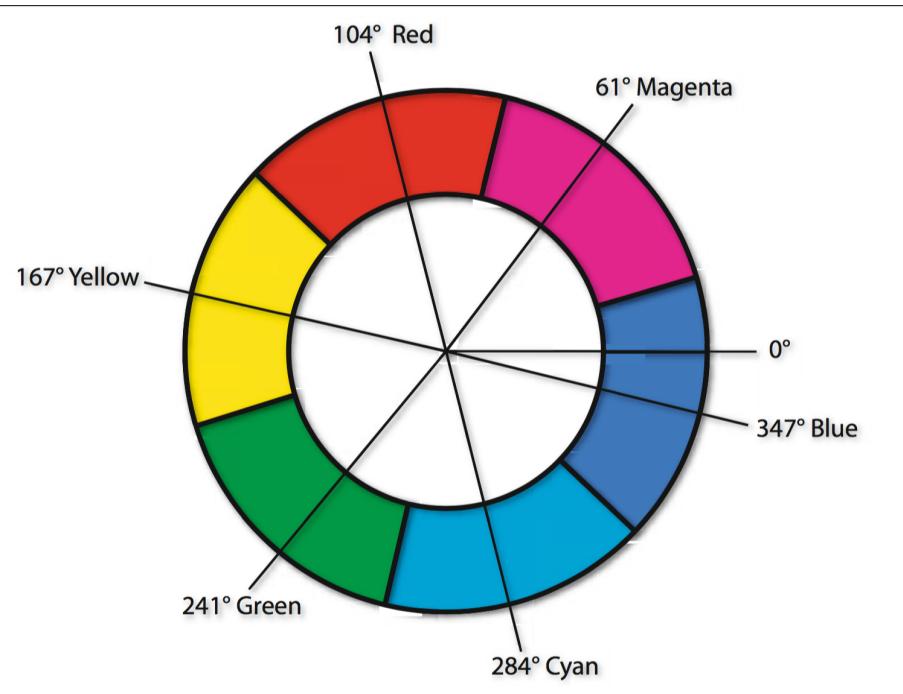
→ [github.com/amiaopensource/audiorecorder](https://github.com/amiaopensource/audiorecorder)

## LTOpers

→ [github.com/amiaopensource/ltopers](https://github.com/amiaopensource/ltopers)



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# FFmpeg

## ffmpeg, ffprobe, ffplay

→ [ffmpeg.org/](https://ffmpeg.org/)

## Cookbook for Archivists

→ [avpres.net/FFmpeg/](https://avpres.net/FFmpeg/)

→ [amiaopensource.github.io/ffmprovisr/](https://amiaopensource.github.io/ffmprovisr/)

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# Quality Control

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## MediaArea

### MedialInfo (GUI, CLI)

→ [mediaarea.net/MedialInfo](http://mediaarea.net/MedialInfo)

### MediaConch (GUI, CLI, web)

→ [mediaarea.net/MediaConch/](http://mediaarea.net/MediaConch/)

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## BAVC

### QCTools (GUI), qcli (CLI)

→ [bavc.org/preserve-media/preservation-tools](http://bavc.org/preserve-media/preservation-tools)

### AV Artifact Atlas

→ [bavc.github.io/avaa/](http://bavc.github.io/avaa/)

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