

□ □ □ □ □ □ □ **24fps**

[illegible]

Diagram illustrating the horizontal sync area of a video signal, showing the distribution of horizontal sync pulses (hum bars) across the frame.

The diagram shows 10 rows of horizontal sync pulses. The first row contains 28 pulses, the second row contains 30 pulses, and the third row contains 20 pulses. The remaining rows (4-10) each contain 30 pulses. The text "(hum bars)" is centered between the 10th and 20th pulses in the 5th row.

The diagram also indicates the frequency of the horizontal sync pulses, showing "50 (Hertz)" and "60 (Hertz)" for the PAL and NTSC standards respectively.

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4444

[illegible]

11/11

[illegible]

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30 **29.97**

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NTSC 30 fps
(frame per second)

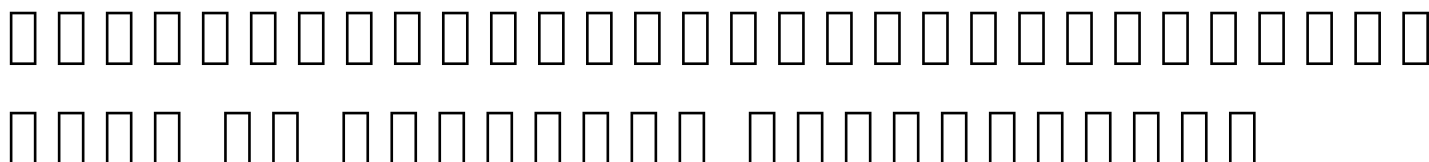
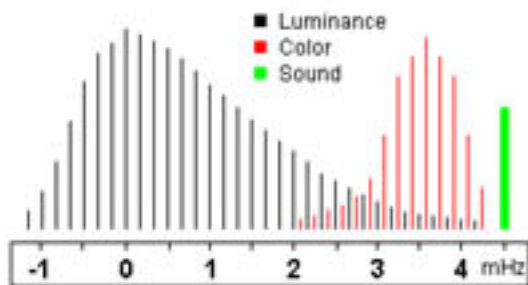
)

29.97
fps

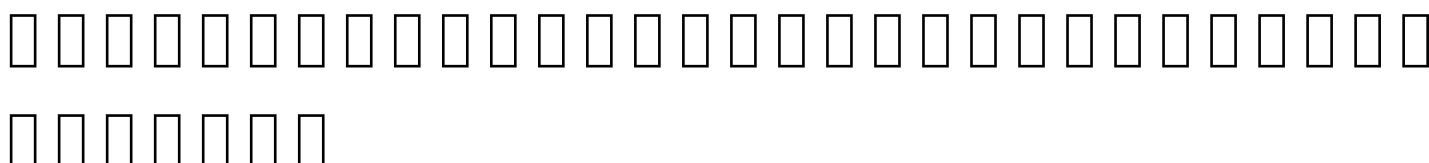
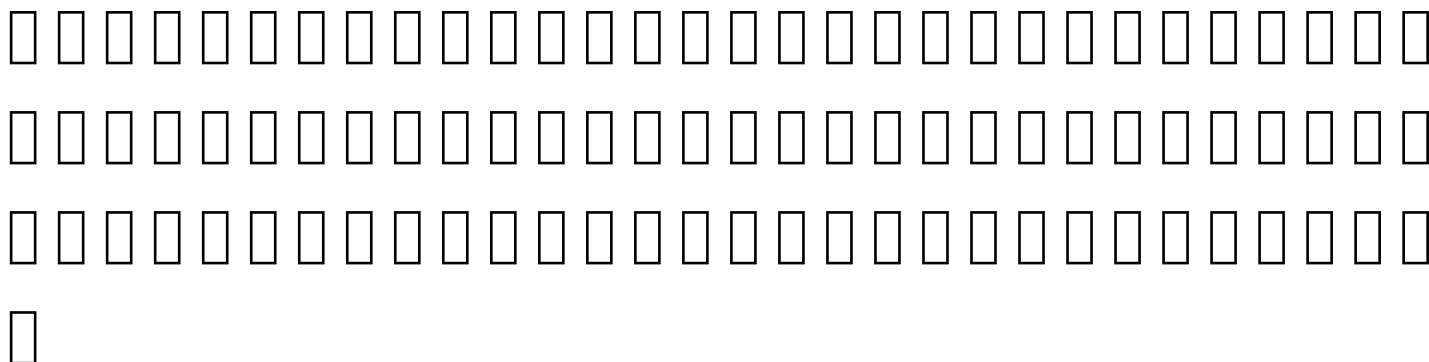
30fps 60

FCC

(compatible)



6 MHz



AM (Amplitude Modulation)

[illegible]

29.97 fps

[illegible]

[illegible]

second

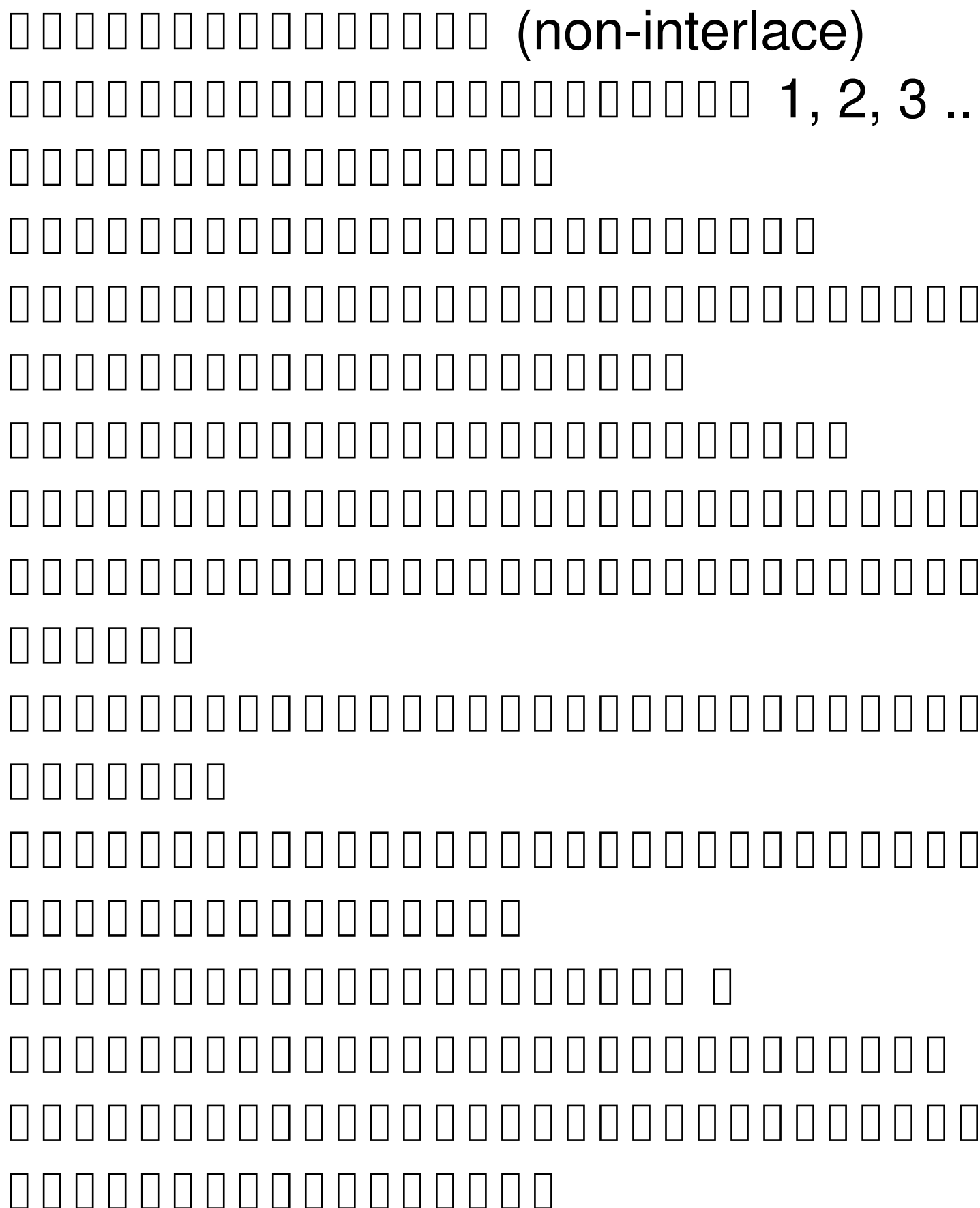
[illegible]

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[illegible]

(field)

[illegible][illegible]



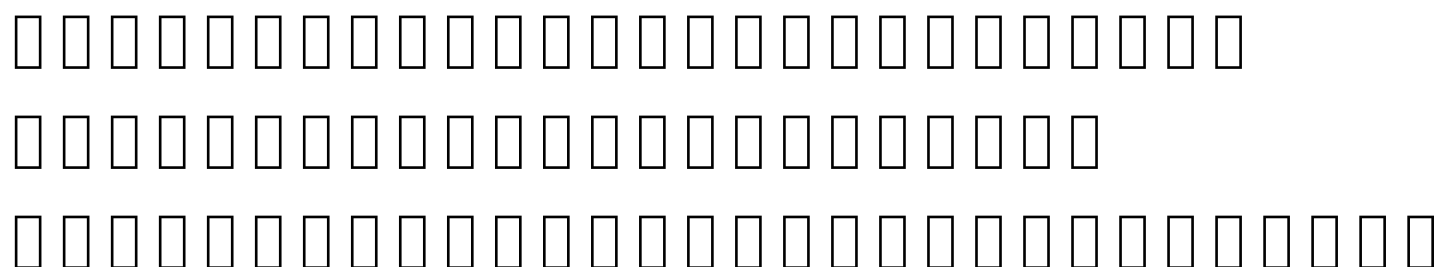
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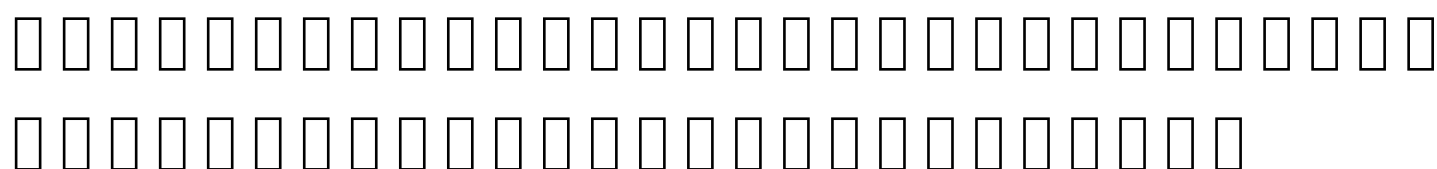
- Basic Frame Rate Conversion



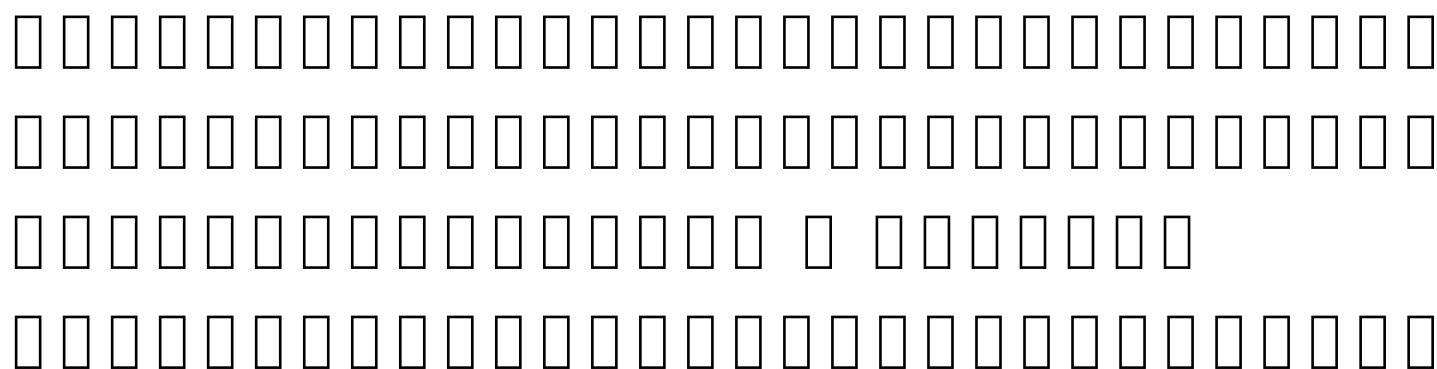


Linear Frame Rate Conversion

- Motion Compensated Frame Rate Conversion



Motion Adaptive Frame Rate Conversion



References

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