

[illegible]

Tuesday, 30 June 2009 19:45 - Last Updated Friday, 17 July 2009 15:25

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

The diagram shows 10 rows of horizontal sync pulses (hum bars) distributed across the lines. The first row contains 28 pulses, the second row contains 30 pulses, and the third row contains 20 pulses. The fourth row contains 30 pulses, with the text "(hum bars)" centered between the 10th and 20th pulses. The fifth row contains 30 pulses. The sixth row contains 30 pulses. The seventh row contains 30 pulses, with the text "50 (Hertz)" centered between the 10th and 20th pulses, and "PAL" at the end. The eighth row contains 30 pulses, with the text "60" centered between the 10th and 20th pulses. The ninth row contains 30 pulses, with the text "NTSC" at the beginning.

[illegible]

[illegible]

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[illegible]

Written by Administrator

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NTSC 30 fps
(frame per second)

)

29.97
fps

30fps 60

FCC

(compatible)

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6 MHz

A grid of 100 empty boxes arranged in 4 rows and 25 columns, intended for students to write their answers.

A grid of 30 empty rectangular boxes arranged in two rows of 15.

□□□□□ AM (Amplitude Modulation)

Written by Administrator

(synchronous)

NTSC

A grid of 30 empty rectangular boxes arranged in two rows of 15.

29.97 fps

15.2 秒 ()

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1 分 = 60 秒

1 時間 = 60 分

1 日 = 24 時間

1 週間 = 7 日

1 年 = 365 日 00:00:00:00

1 月 = 30 日 00:00:00:00

1 日 = 24 時間 01:00:00:00

1 時間 = 60 分 30x60x60 =

108000 秒

1 秒 = 1000 ミリ秒

NTSC 29.97

fps

1 秒 = 1000 ミリ秒

108000/29.97 = 1 秒

3.6 秒

1 秒 = 1000 ミリ秒

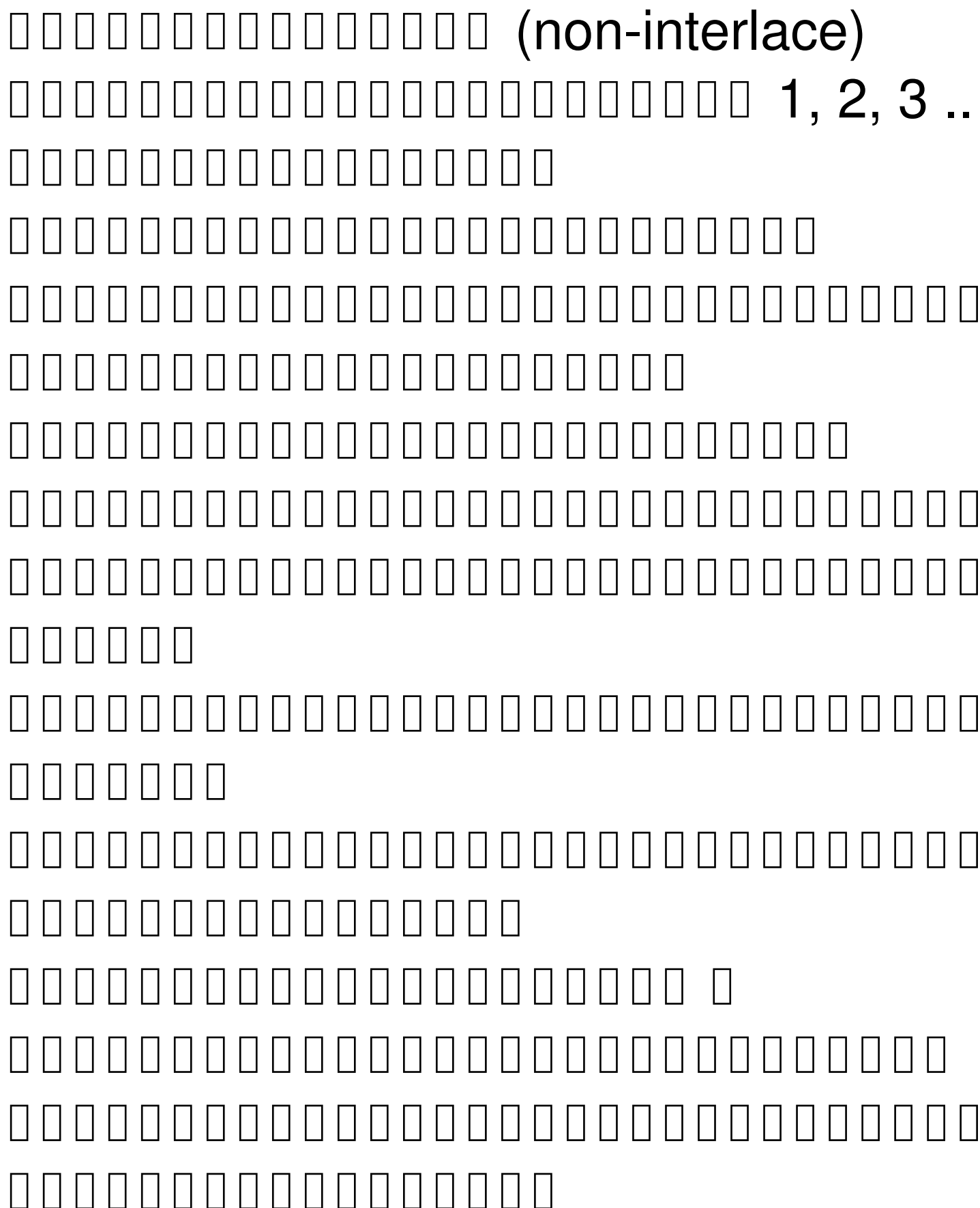
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[illegible]

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23.976 □□□□ **23.98** □□□□□□□□□□□□□□□□

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24fps Why so Complicated

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25fps □ □ □ 25fps □ 25p

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Written by Administrator

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23.97p

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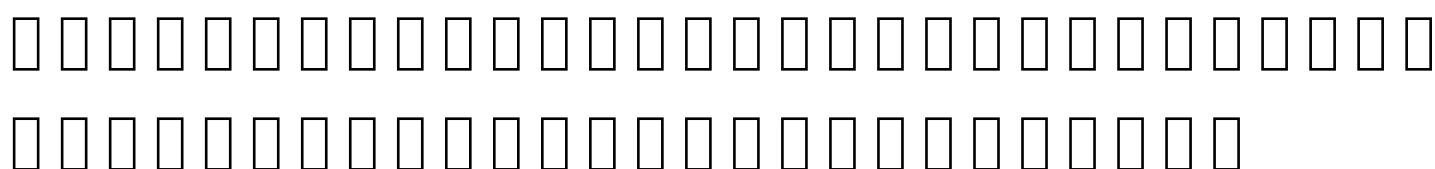
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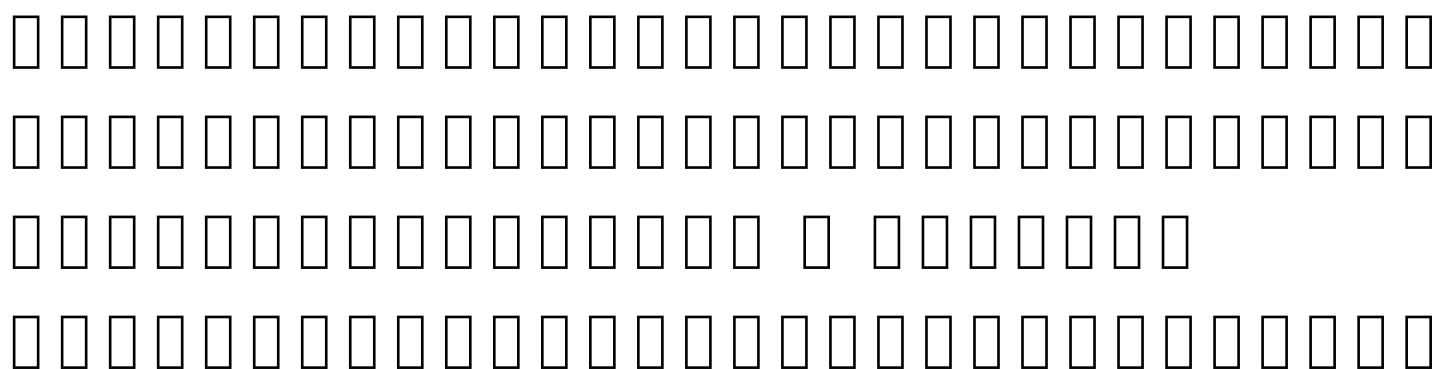


Linear Frame Rate Conversion

- Motion Compensated Frame Rate Conversion



Motion Adaptive Frame Rate Conversion



Written by Administrator

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