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Waves Puigchild 8

BJT 8

Waves Scheps 73 9

FET 9

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..... 11

..... 11

..... 12

..... 13

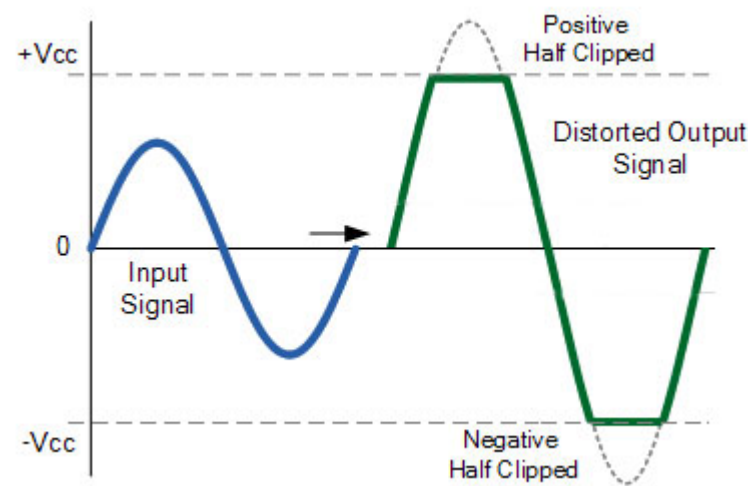
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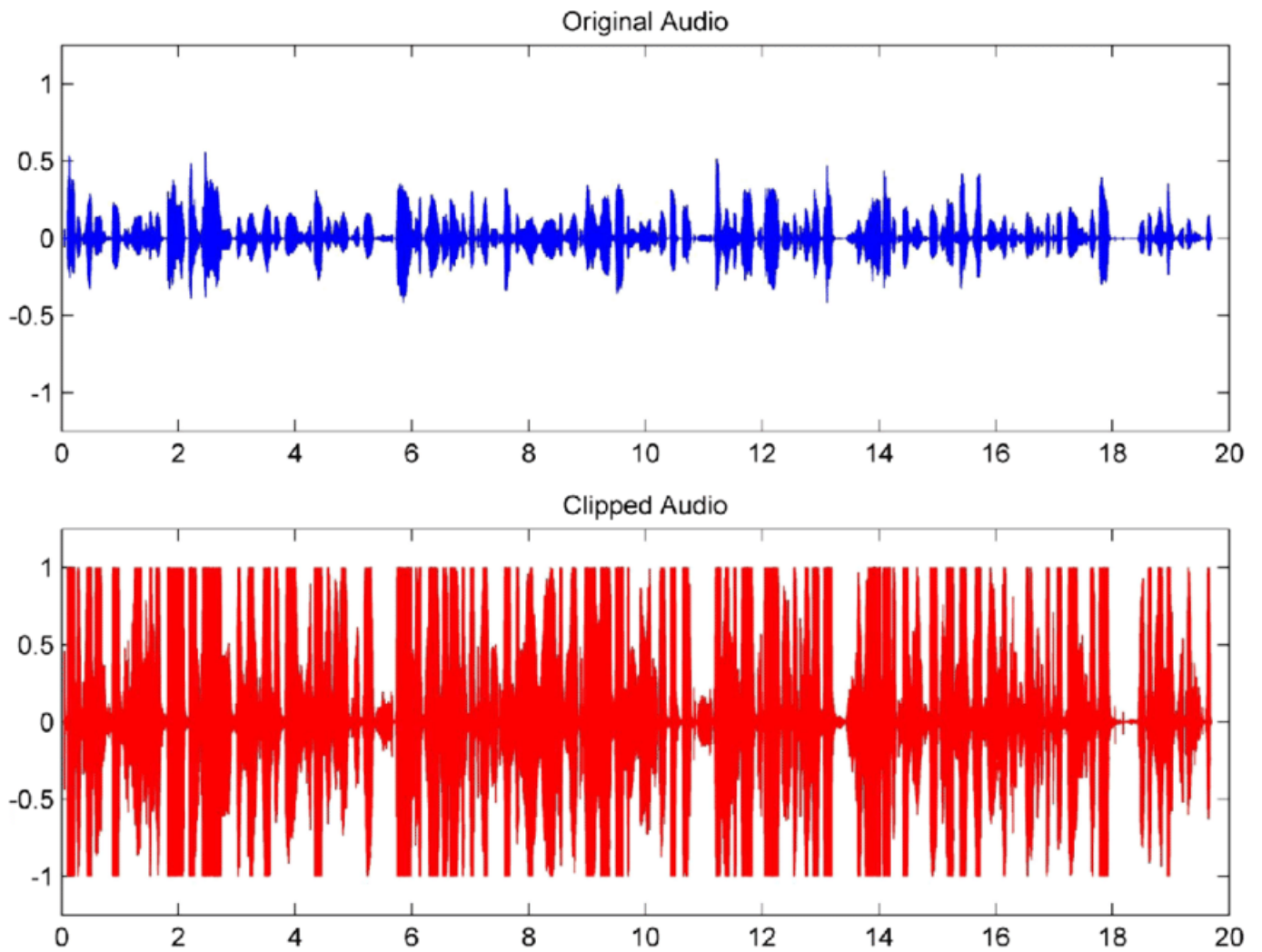
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Clipping

가 ,
0dBFS 가 .





가

(BJT, FET) Op-amp

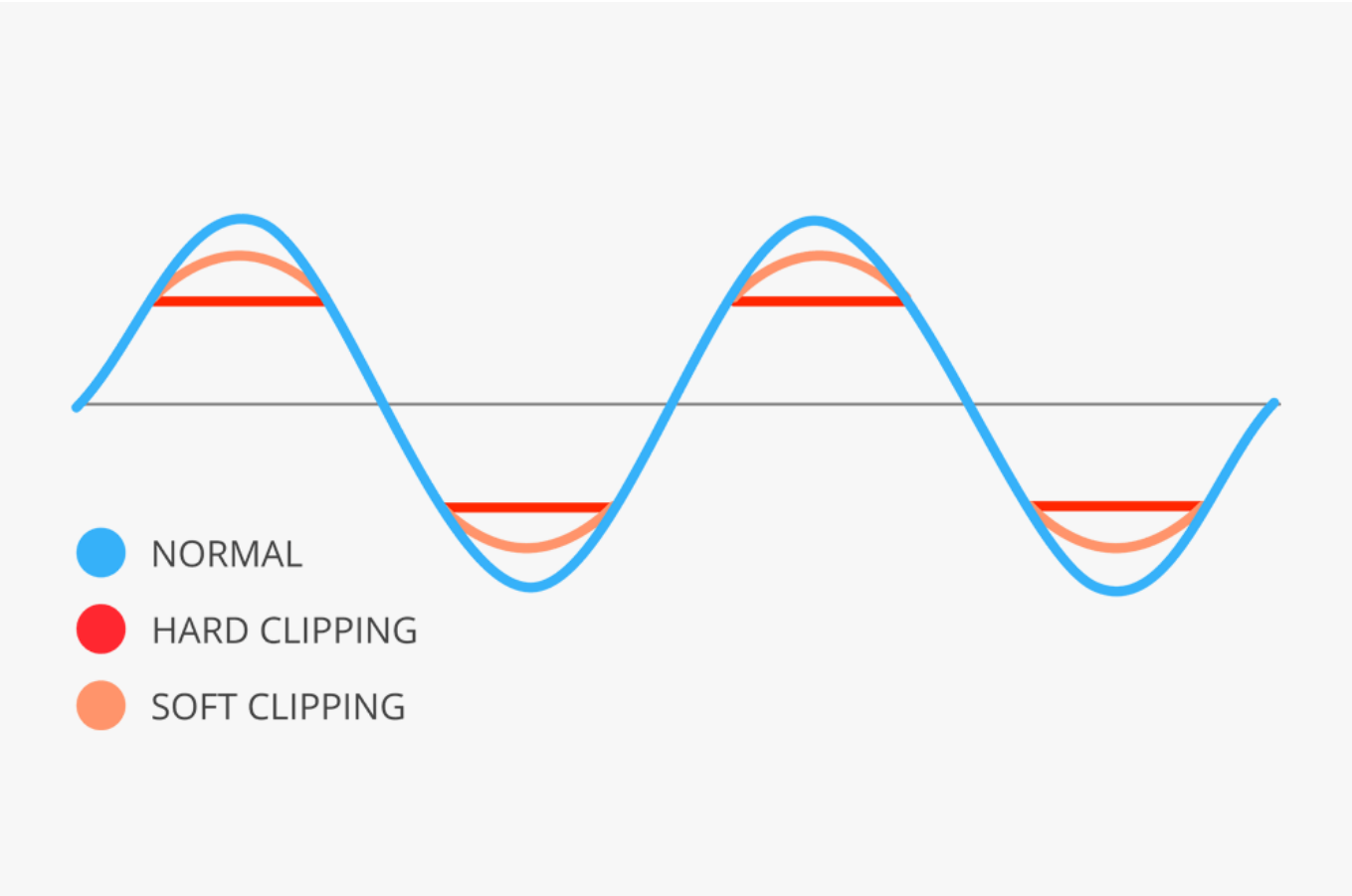
가

가

가

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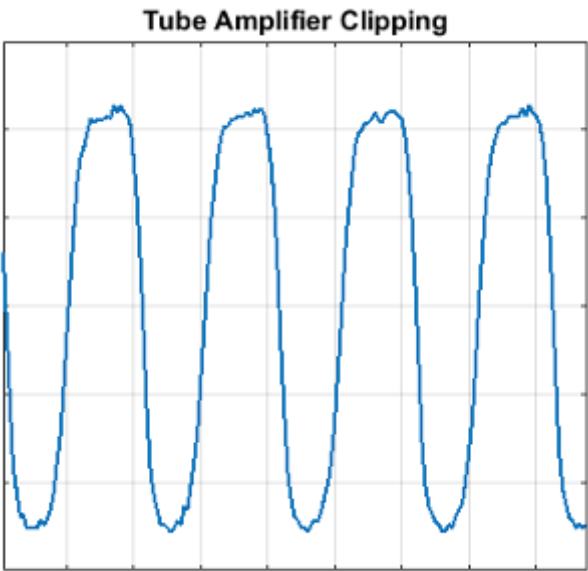
(THD)



가 가
. Overdrive, Tape saturation, Distortion
THD 가 가
(BJT, FET, Op-amp) DC 가
, ,
가
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Tube Overdrive, Tube Saturation

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THD 가 가
1)
2)
,
3)
, THD가 가
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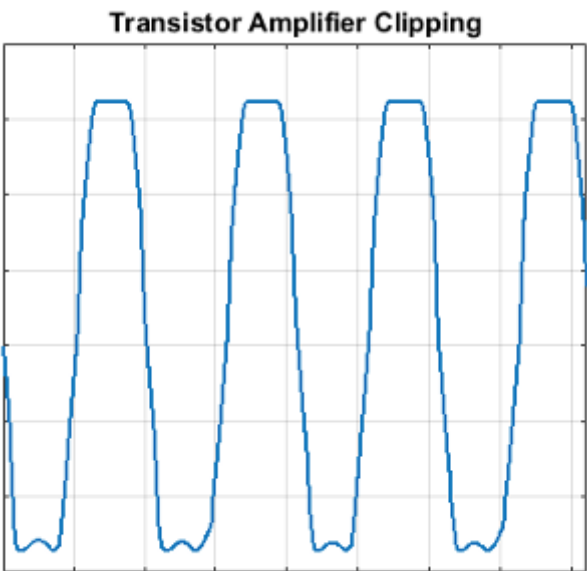
Waves Puigchild



BJT

Distortion

BJT 가 가



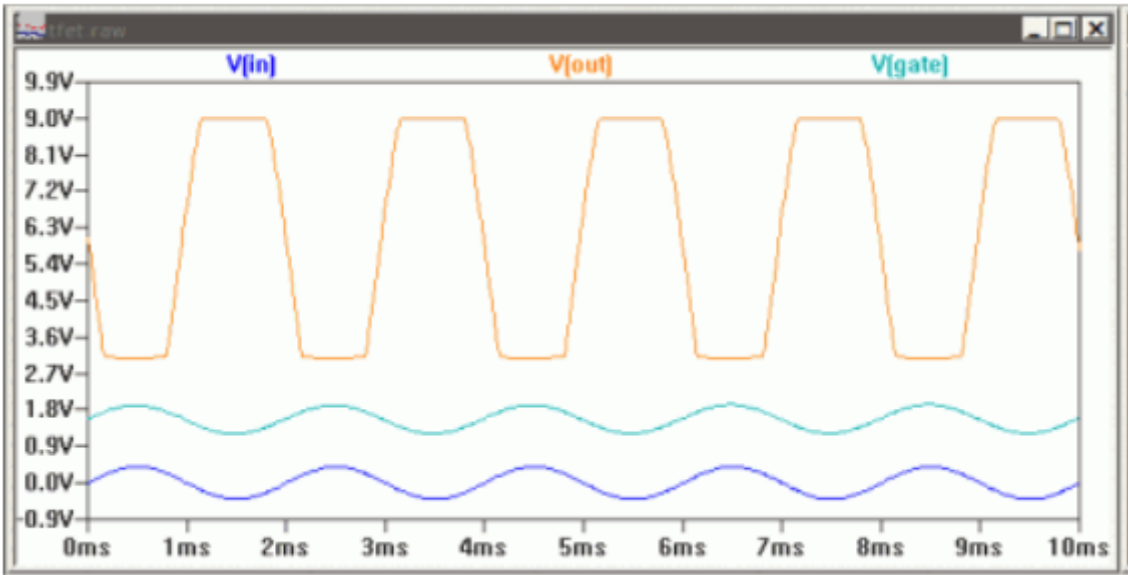
Waves Scheps 73

Waves Scheps 73 BJT , BJT



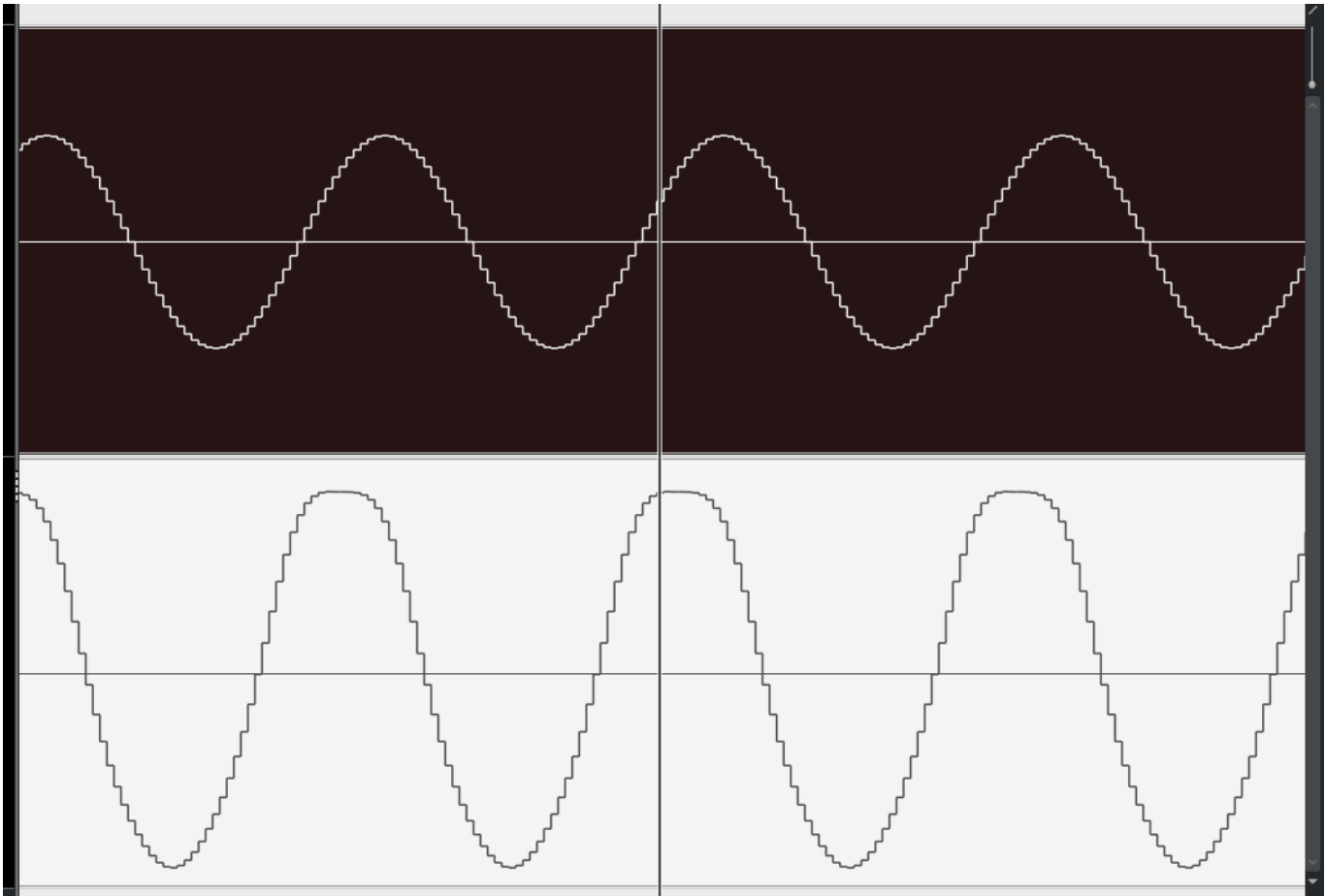
FET

FET 가 BJT 가 ,

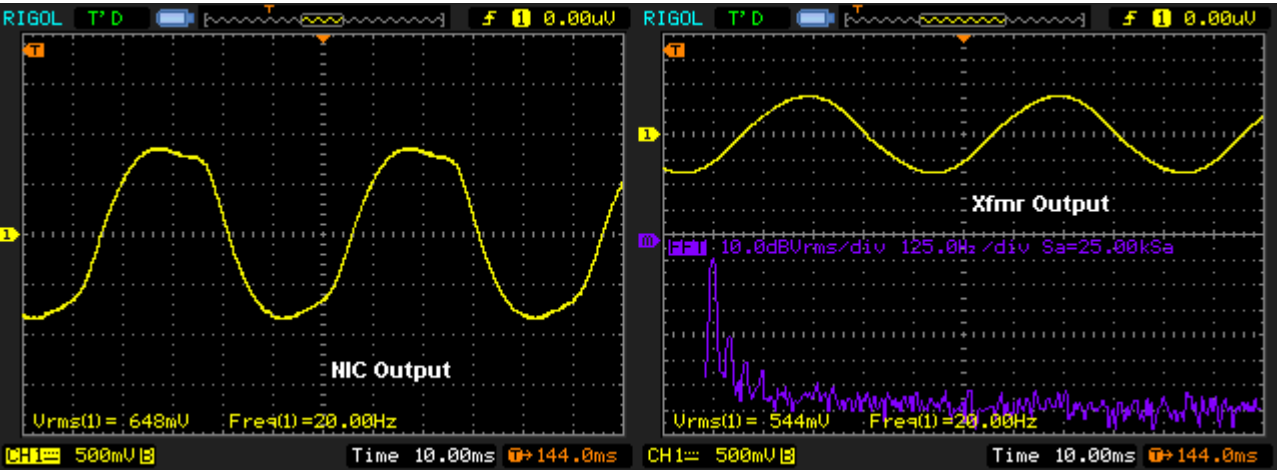


Tape Saturation

Magneto II ()



가



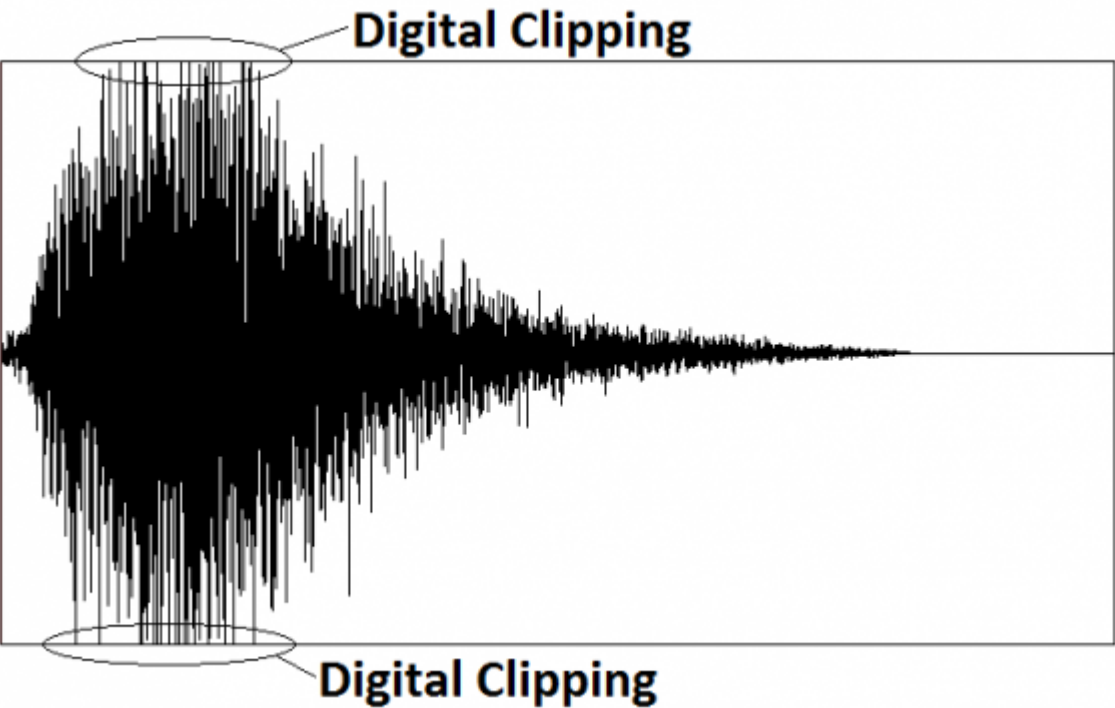
0dBFS

0dBFS

가 , 가 , Tick

A/D

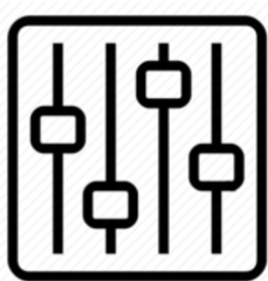
가



<https://etd.auburn.edu/bitstream/handle/10415/7112/Digital%20Simulation%20and%20Recreation%20of%20a%20Vacuum%20Tube%20Guitar%20Amp.pdf>

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- 1)
- Overdrive
- 2)
- 3)
- 가
- ,



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