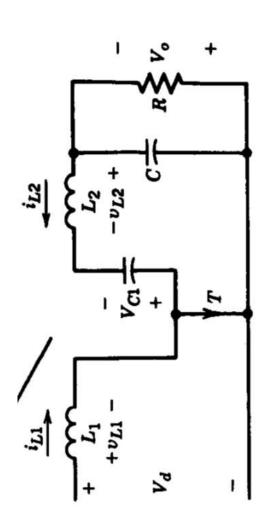
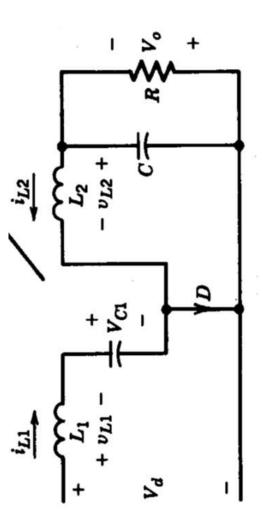


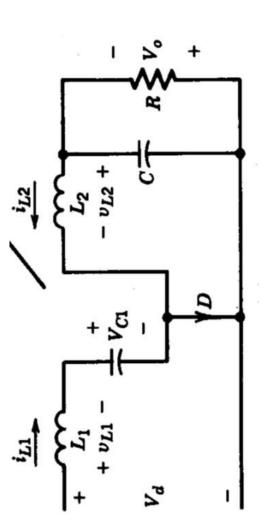
 i_{L1} i_{L2}

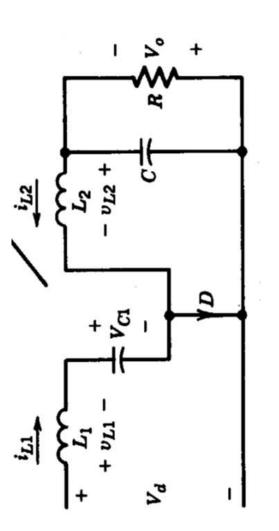


 i_{L1} i_{L2}

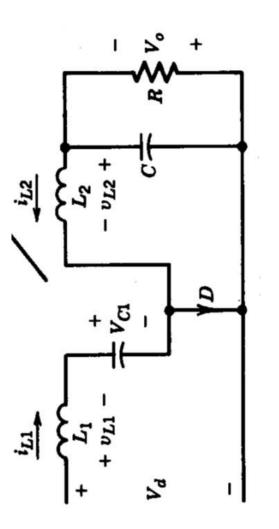
 $V_{C1} > V_o$



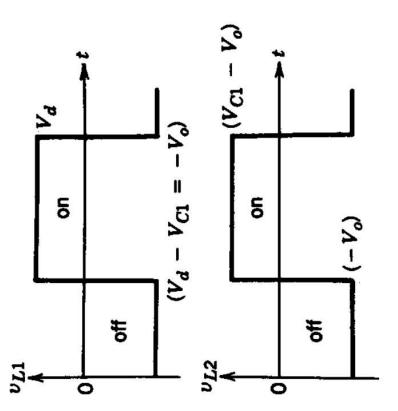


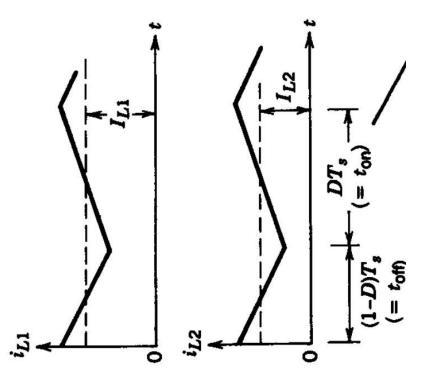




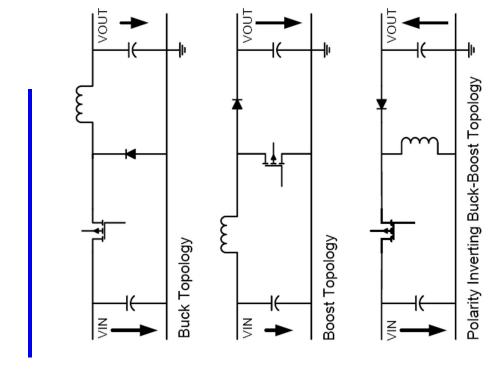


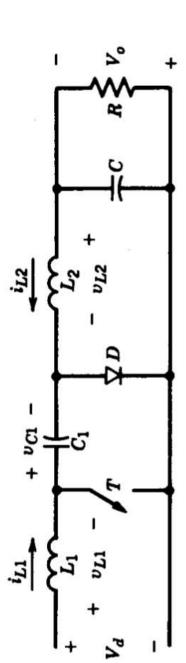






$$N_o = rac{D}{(1-D)}V_d$$

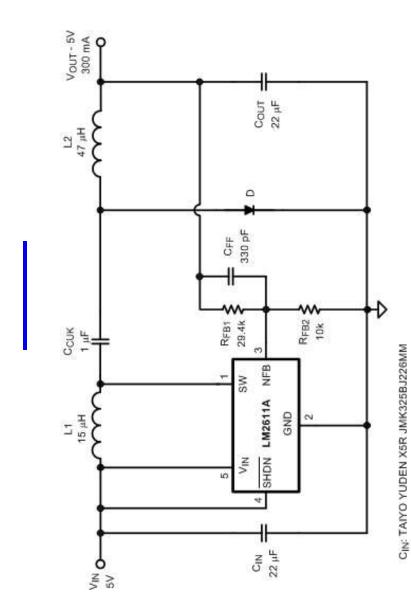




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http://keysan.me/presentations/ee464_cuk_sepic.html#1

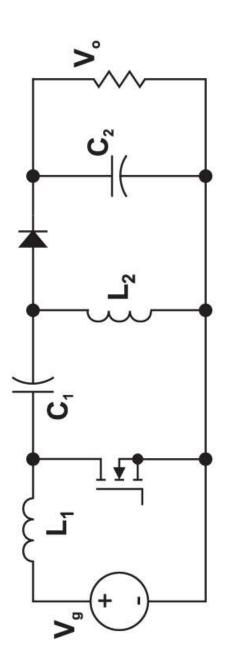


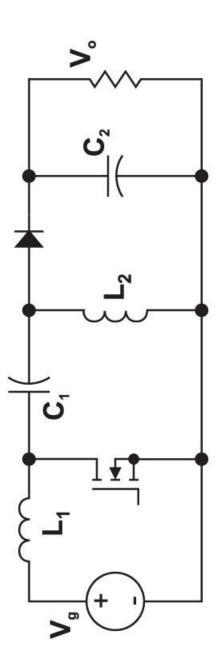
C_{CUR}: TAIYO YUDEN X5R EMK316BJ105MF

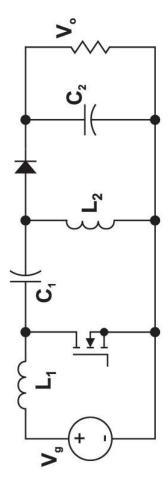
Court: TAIYO YUDEN X5R JMK325BJ226MM

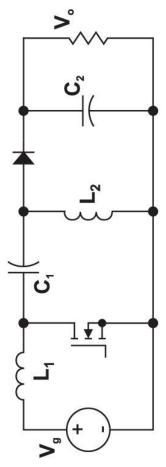
D: ON SEMICONDUCTOR MBR0520 L1: SUMIDA CR32-150 L2: SUMIDA CR32-470

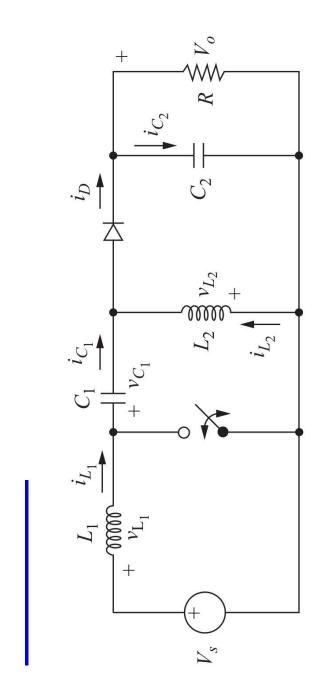


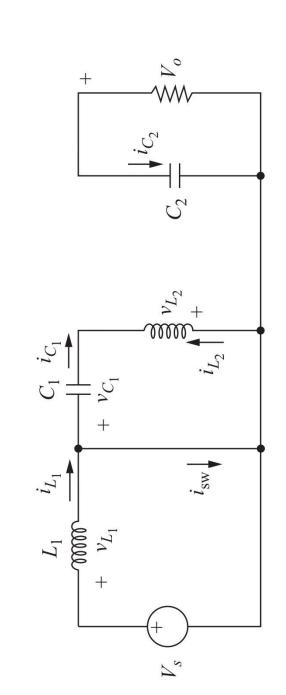




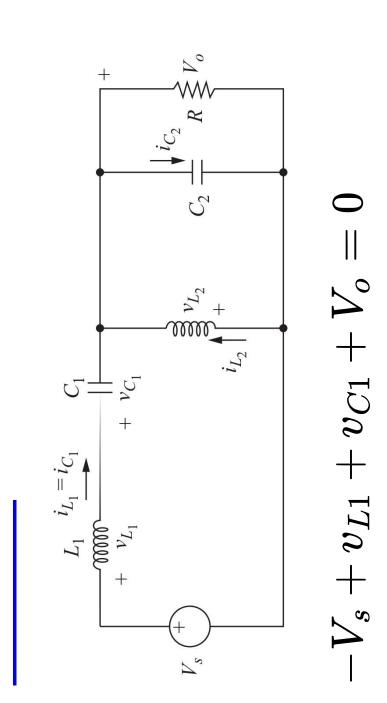




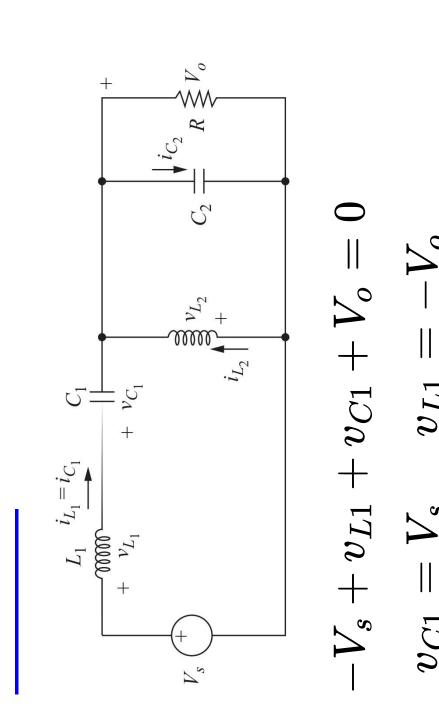


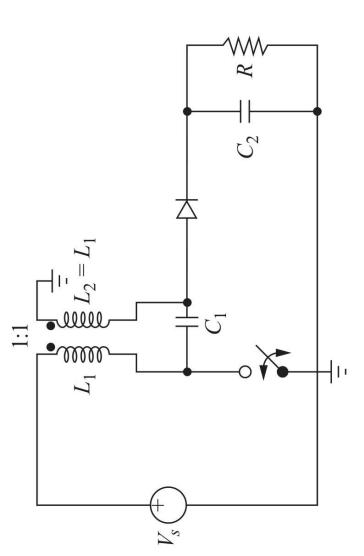


 $v_{L1}=Vs$



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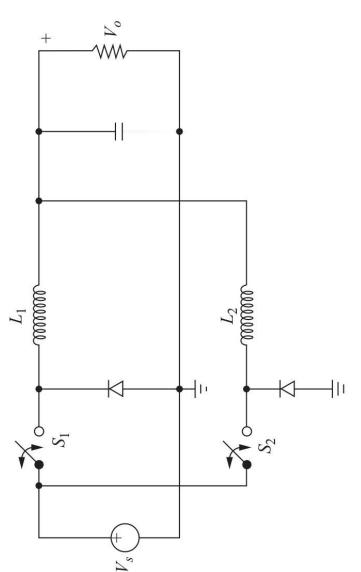
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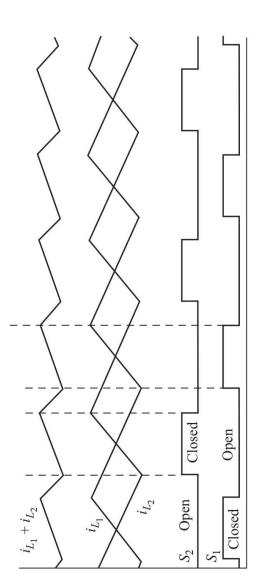
21.02.2019

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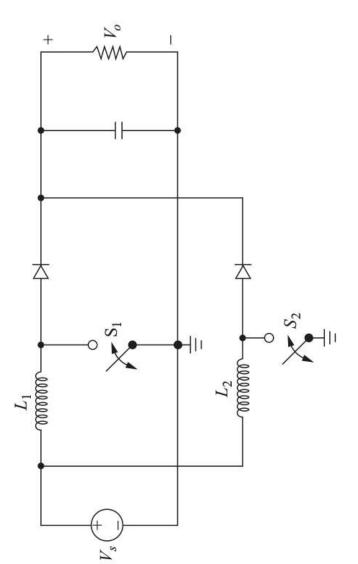
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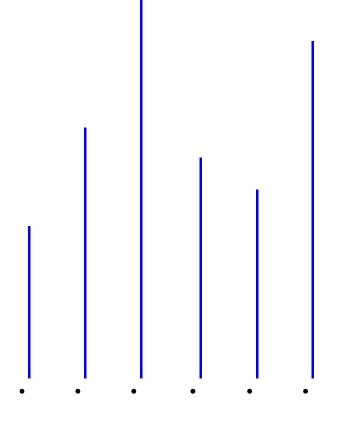
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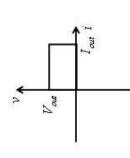




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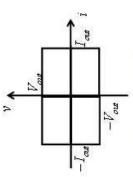


-1 out

First and Second Quadrant

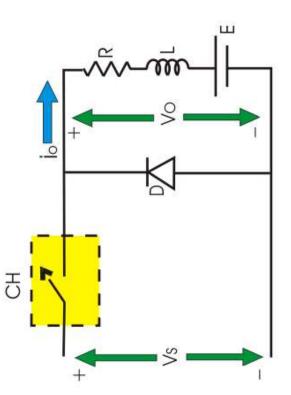
Second Quadrant

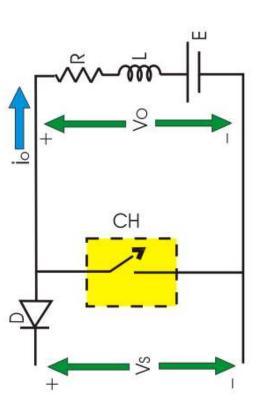
First Quadrant

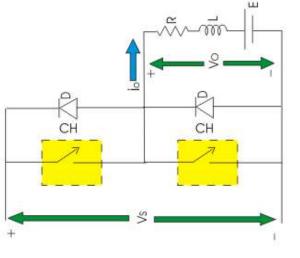


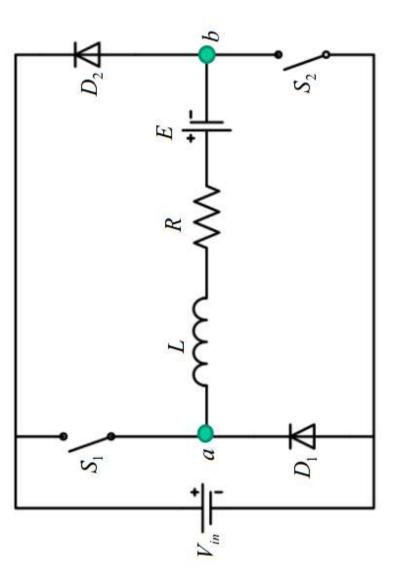
Four Quadrant

Third and Fourth Quadrant

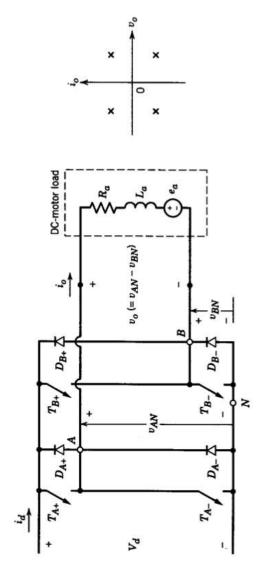








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 $T_{A+} \quad T_{B-}$

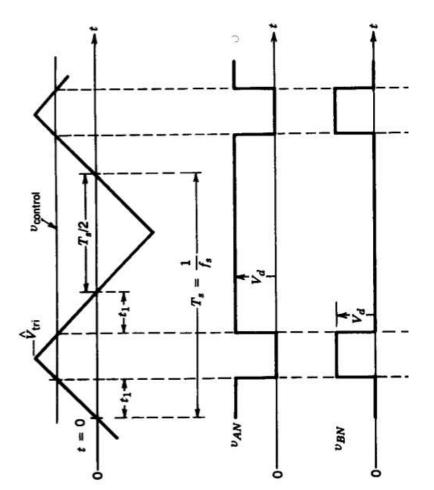
$$egin{array}{lll} T_{A+} & T_{B-} \ & T_{A-} & T_{B+} \ \end{array}$$

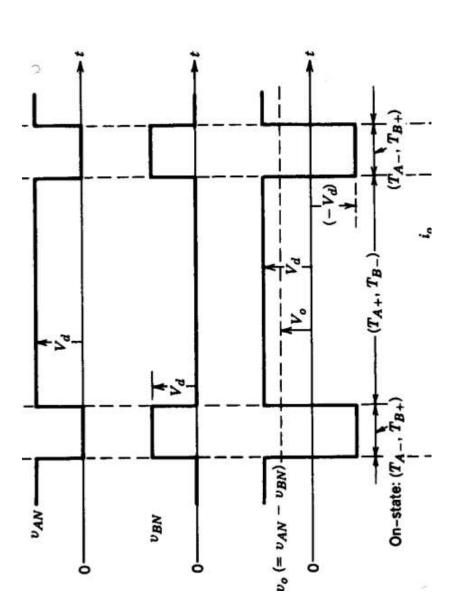
$$T_{A+} \quad T_{B-}$$

$$A_+ \quad T_{B-}$$

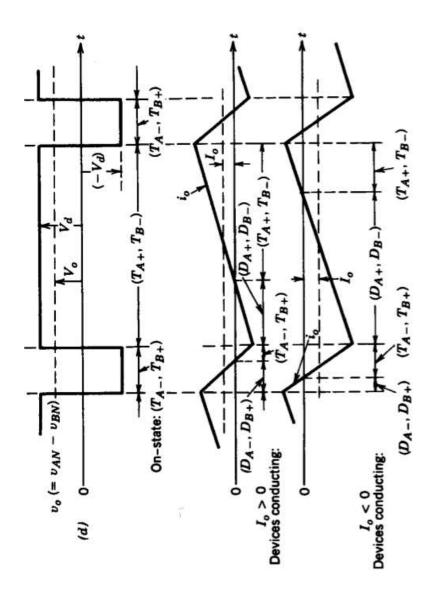
$$egin{array}{cccc} T_{A+} & T_{B-} \ T_{A-} & T_{B+} \ \end{array}$$

$$T_{A+} \quad T_{B-}$$





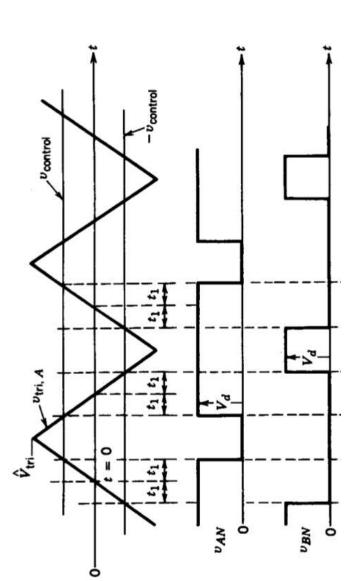
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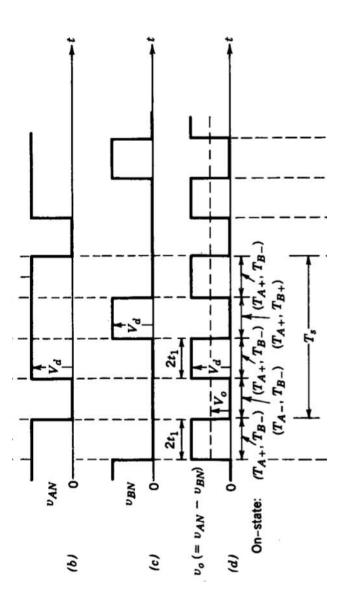
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$$T_{A+} \quad T_{B+}$$

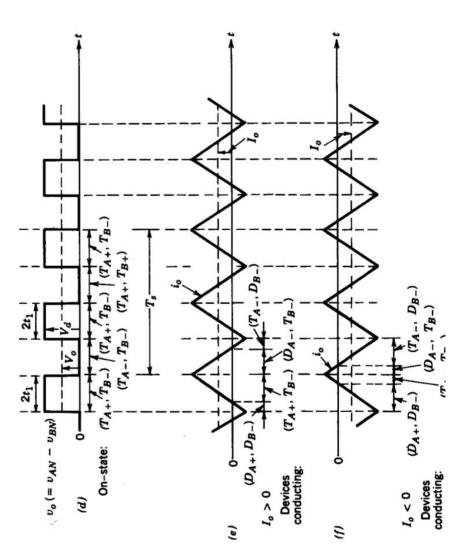
 $egin{array}{lll} T_{A+} & T_{B+} \ & T_{A-} & T_{B-} \end{array}$

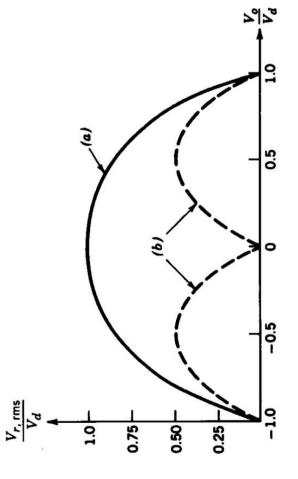


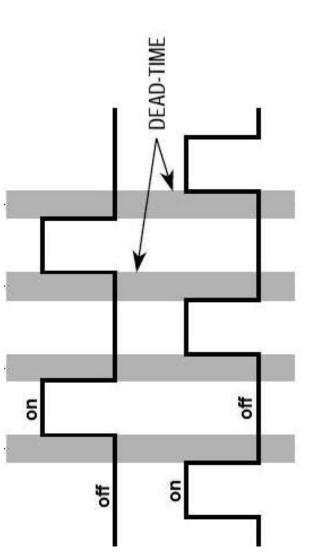
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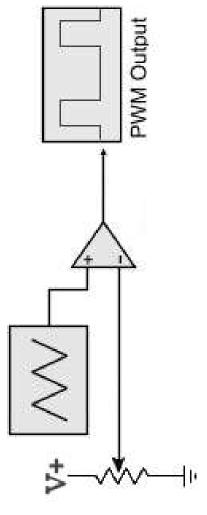


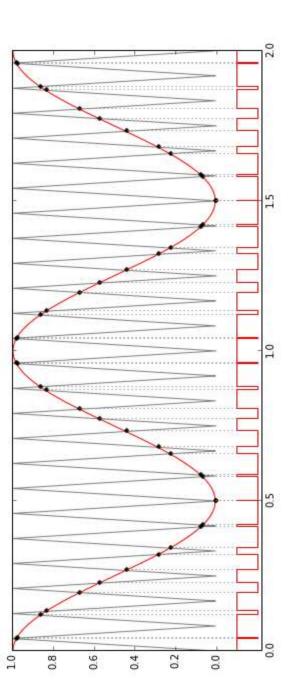
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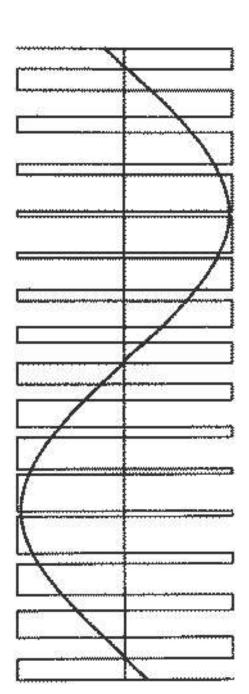








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