Figure 5-1

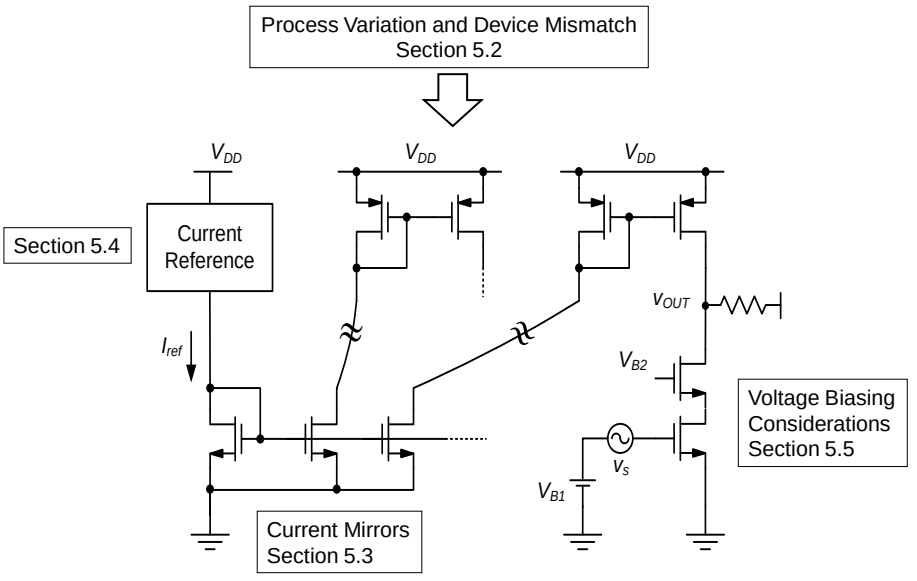


Figure Ex5-1

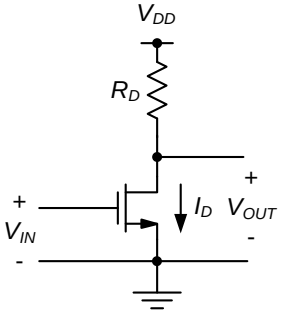


Figure 5-2

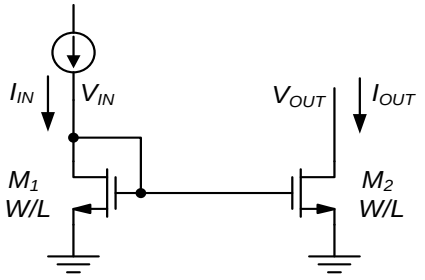


Figure 5-3

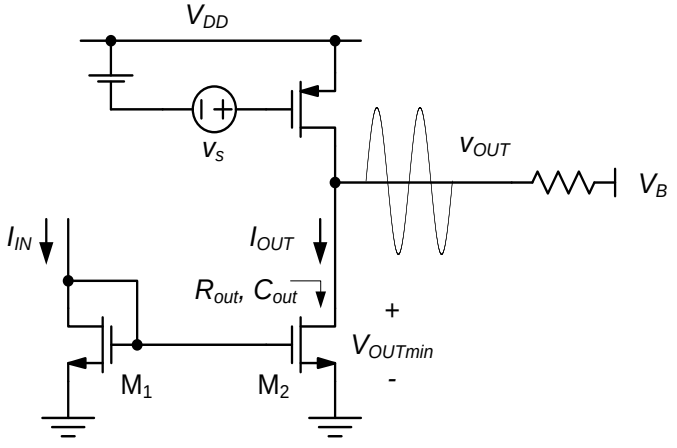


Figure 5-4

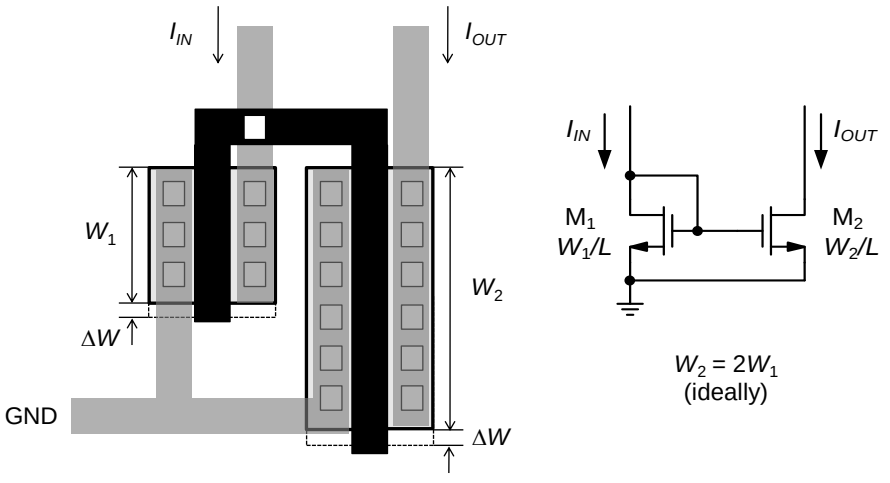


Figure 5-5

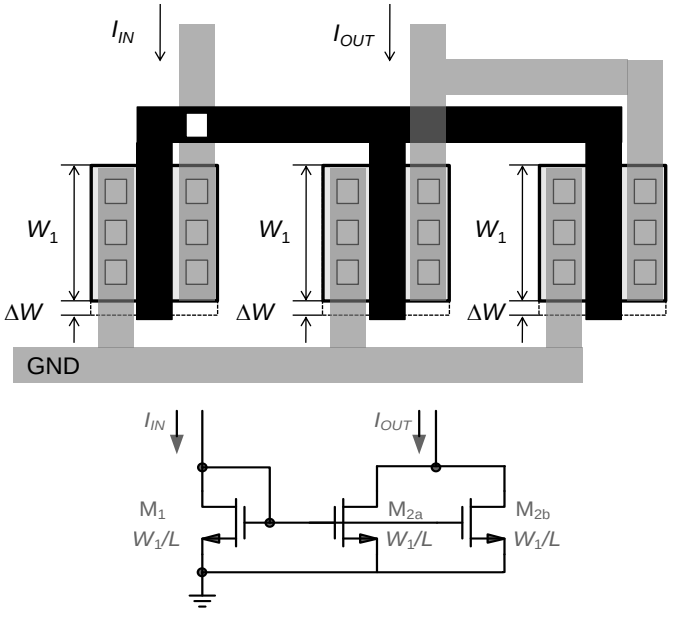
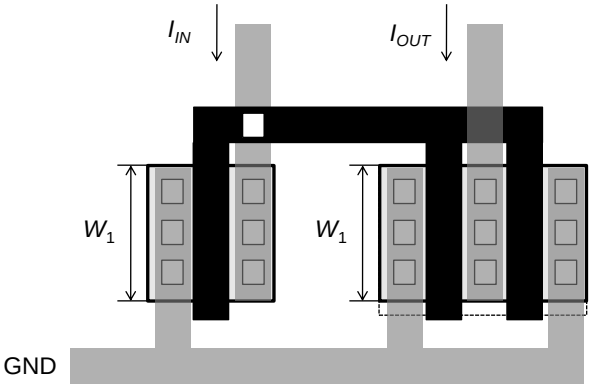
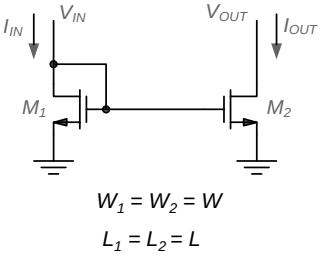


Figure 5-6



$W_2 = 2W_1$

Figure 5-7



$W_1 = W_2 = W$

$L_1 = L_2 = L$

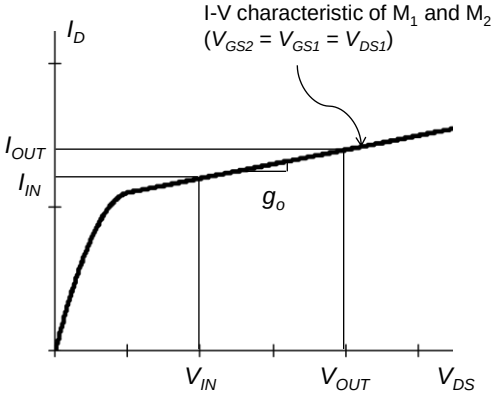
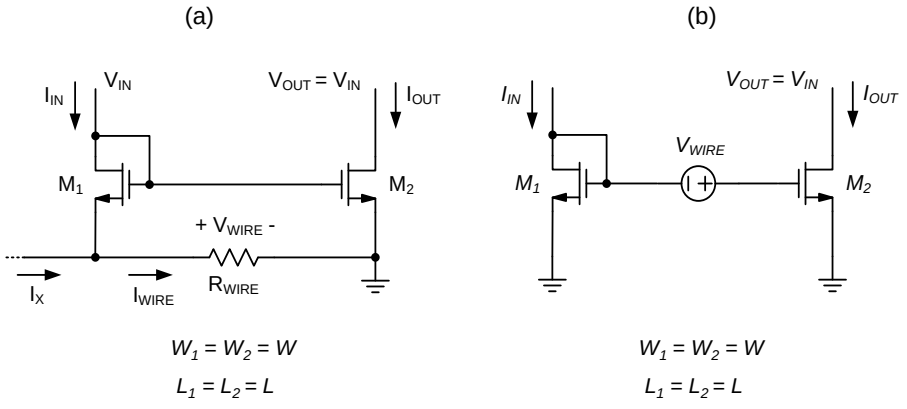


Figure 5-8



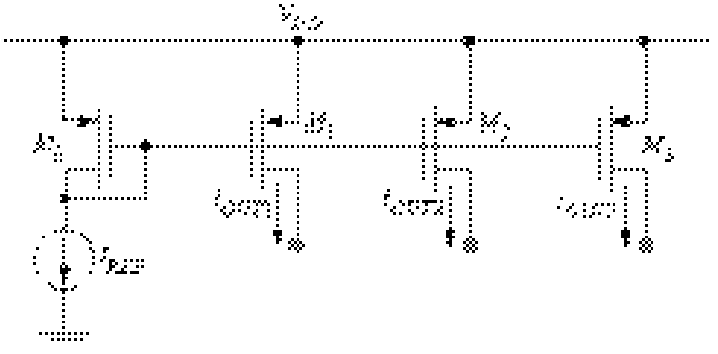
$W_1 = W_2 = W$

$L_1 = L_2 = L$

$W_1 = W_2 = W$

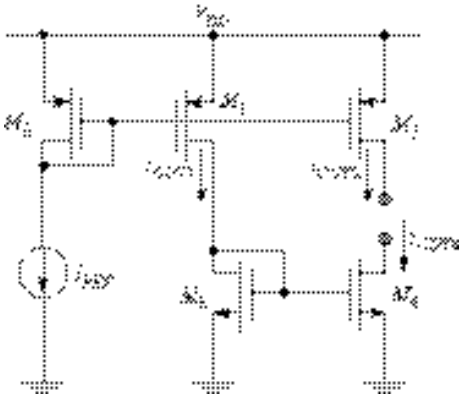
$L_1 = L_2 = L$

Figure 5-9



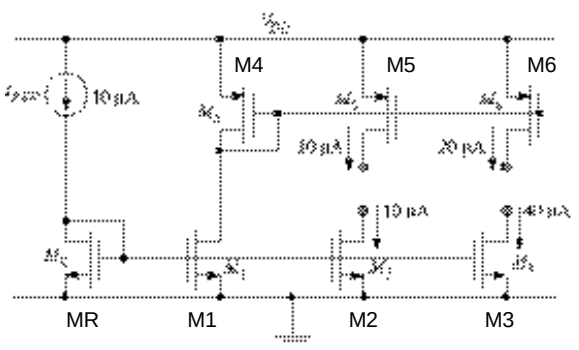
(Howe & Sodini, Figure 9-31)

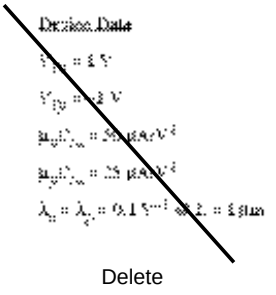
Figure 5-10



(Howe & Sodini, Figure 9-32)

Figure Ex5-3





(Howe & Sodini, Figure Ex 9-8)

Figure 5-11

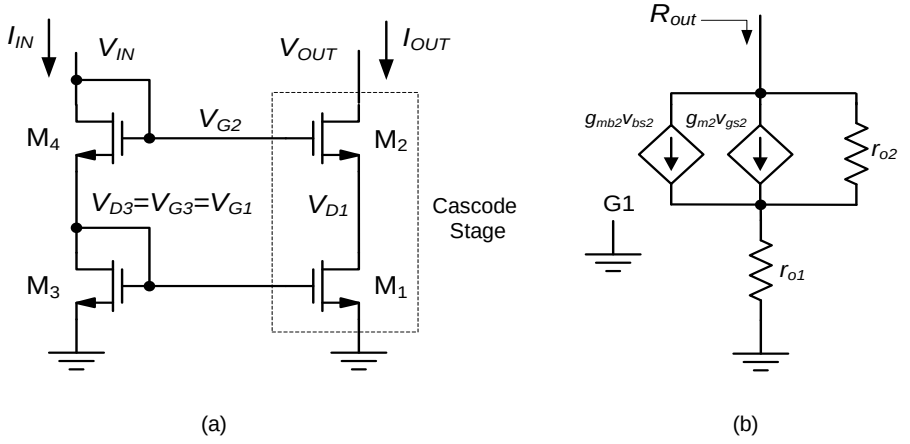


Figure 5-12

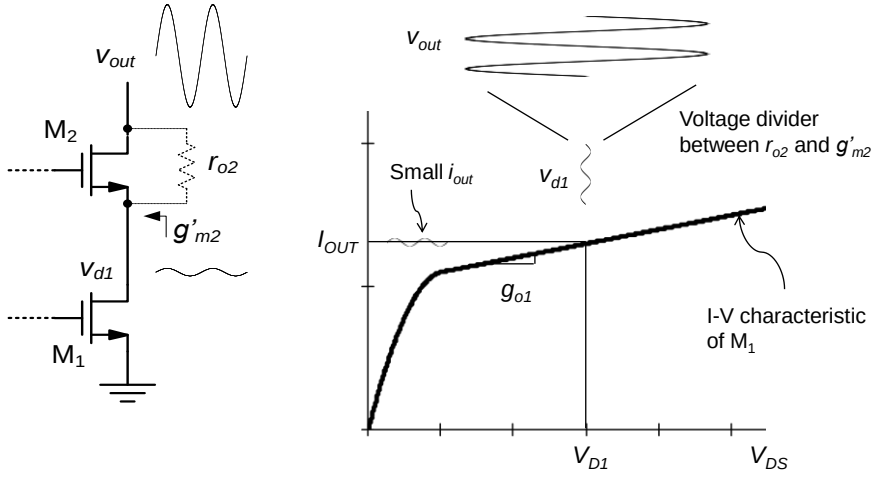


Figure 5-13

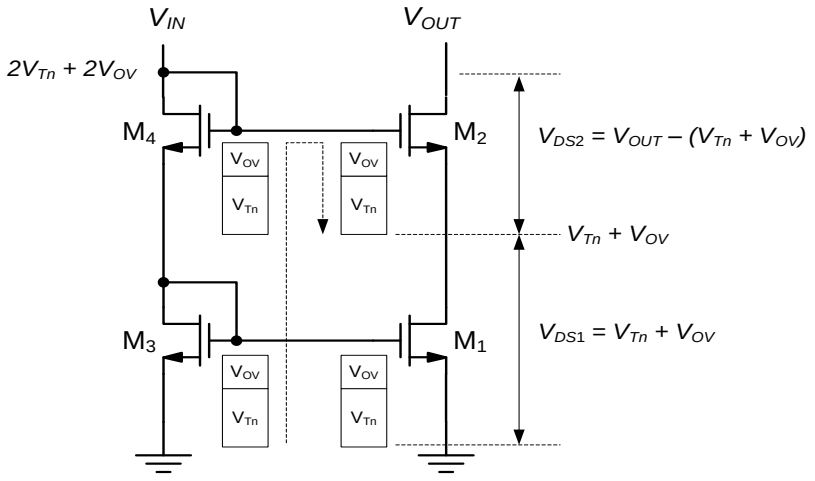


Figure 5-14

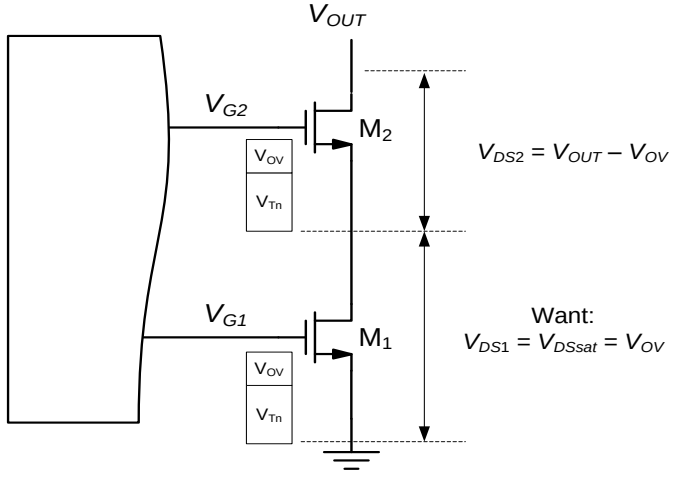


Figure 5-15

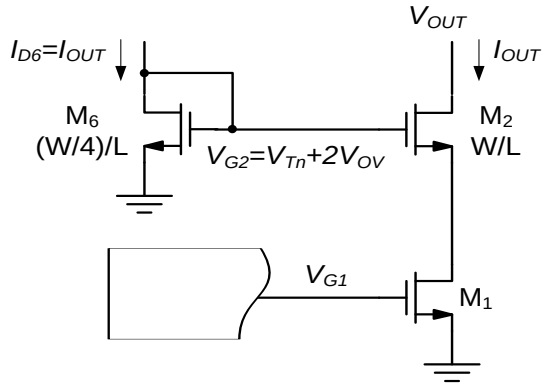
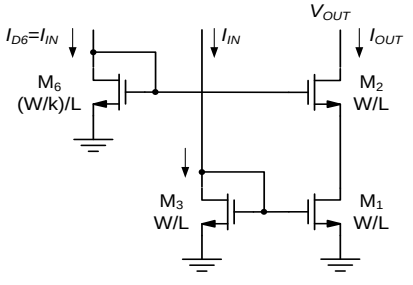
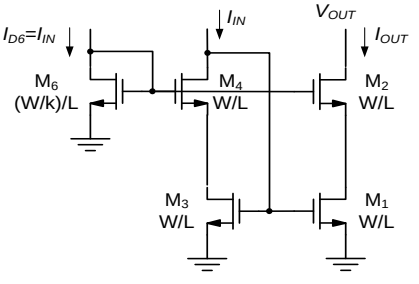


Figure 5-16

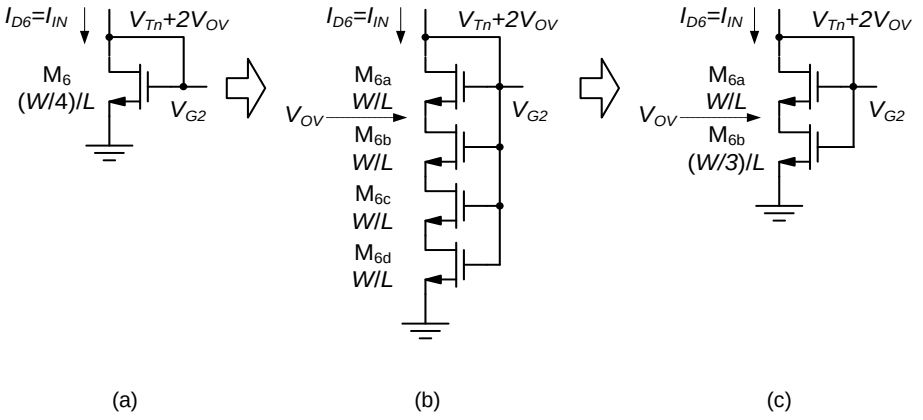


(a)



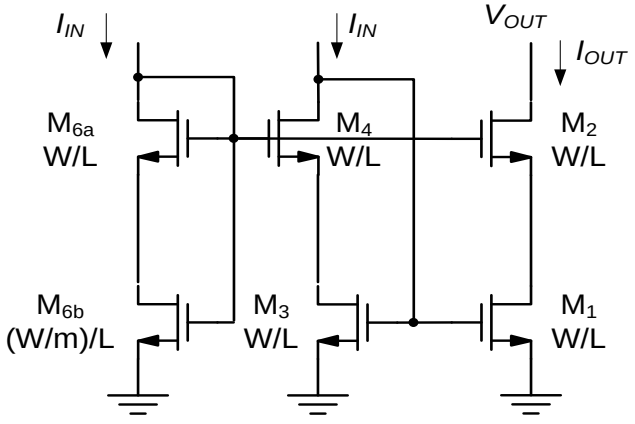
(b)

Figure 5-17

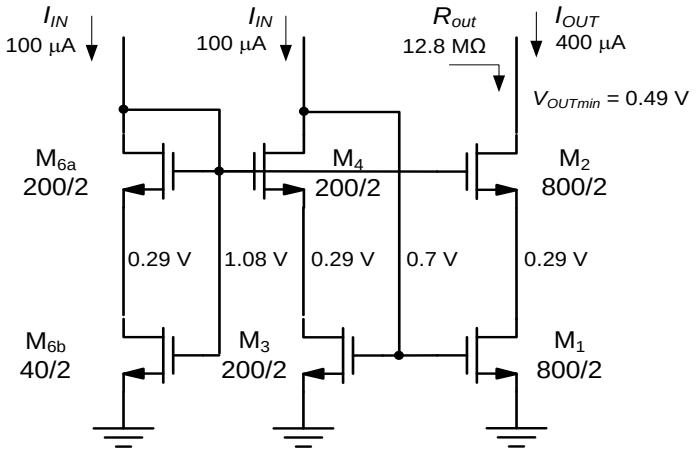


(a) (b) (c)

Figure 5-18



Solution to Ex 5-3



(all device sizes in μm)

Figure 5-19

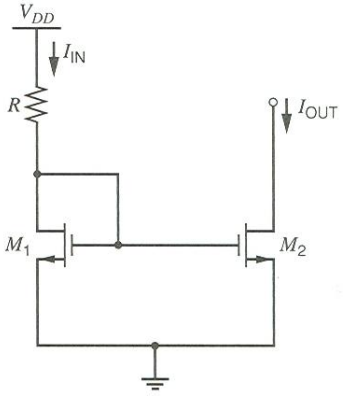
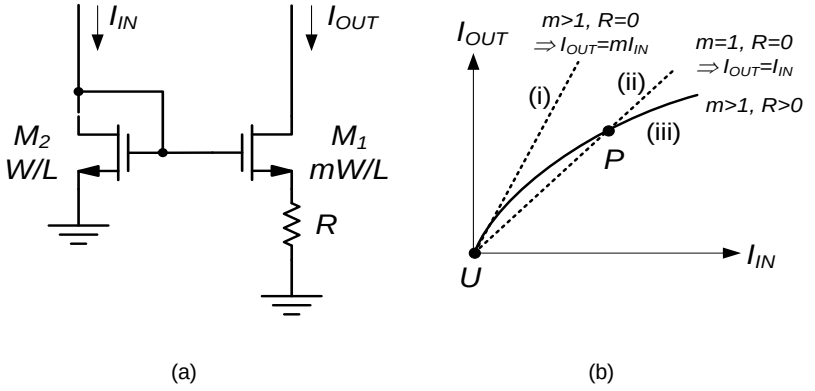


Figure 5-20



(a) (b)

Figure 5-21

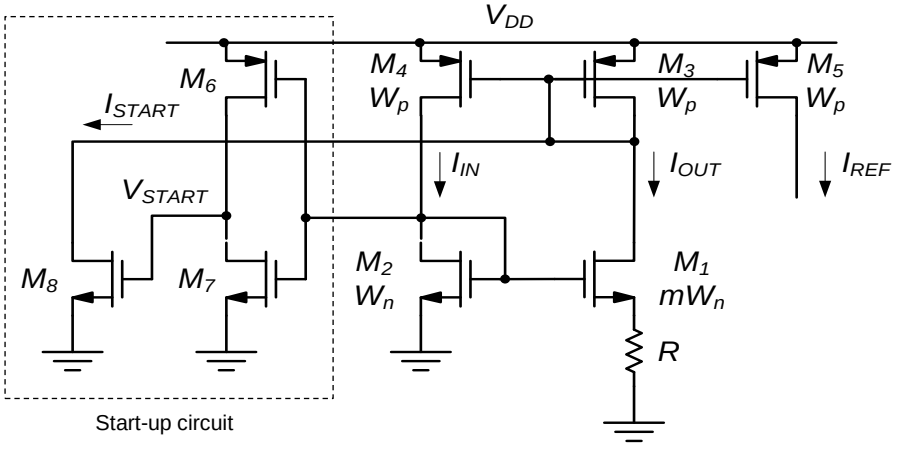


Figure 5-22

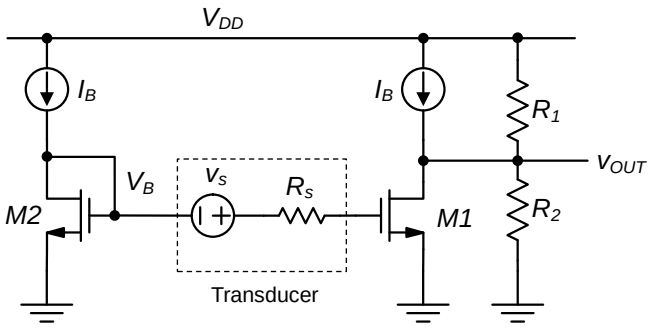


Figure 5-23

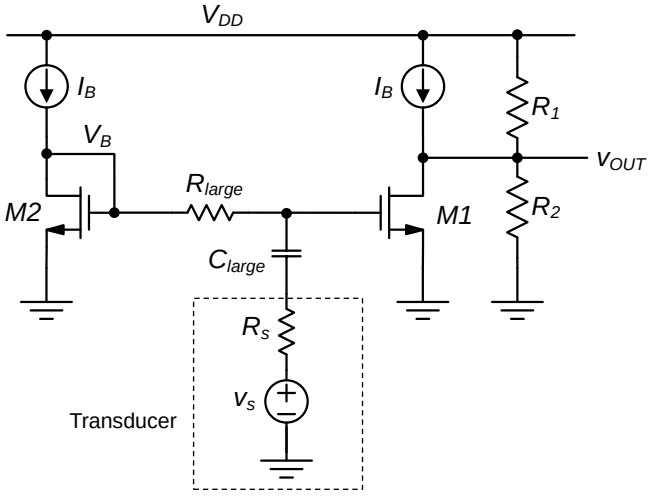


Figure 5-24

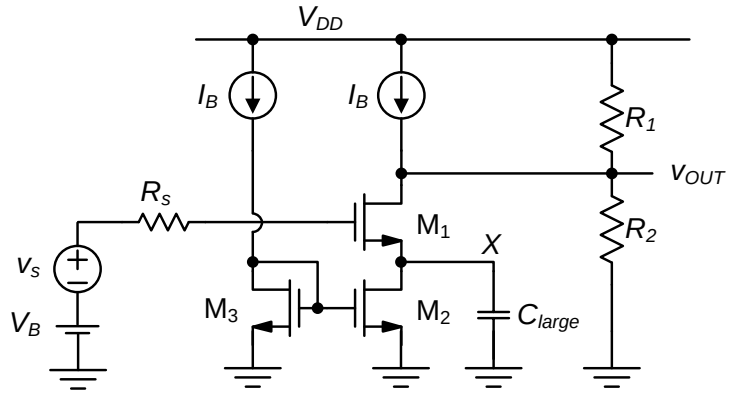
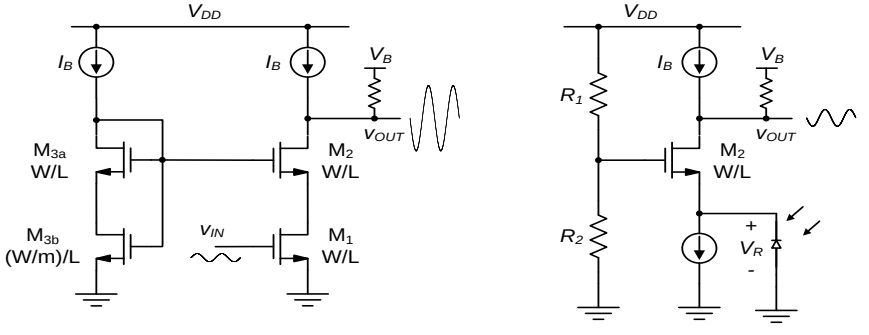


Figure 5-25



(a) (b)

Figure 5-26

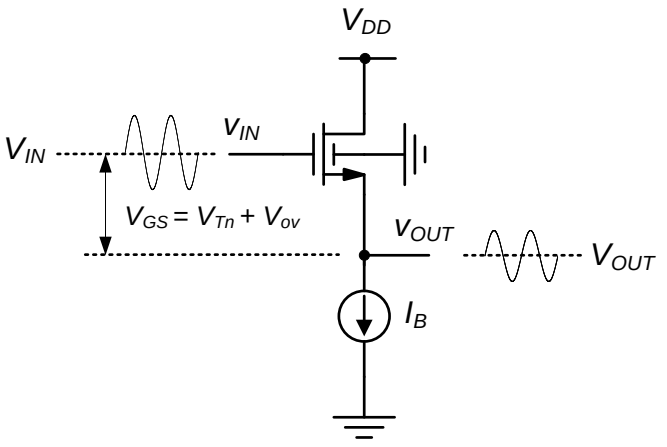
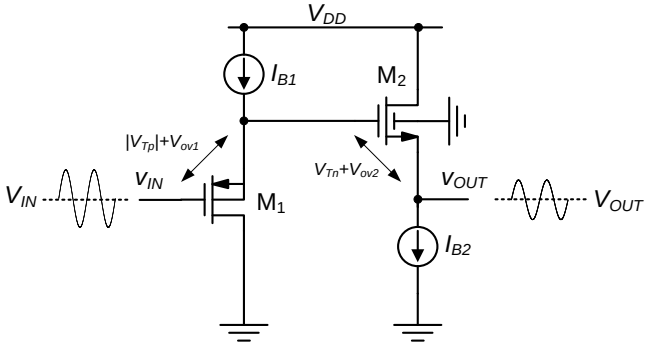
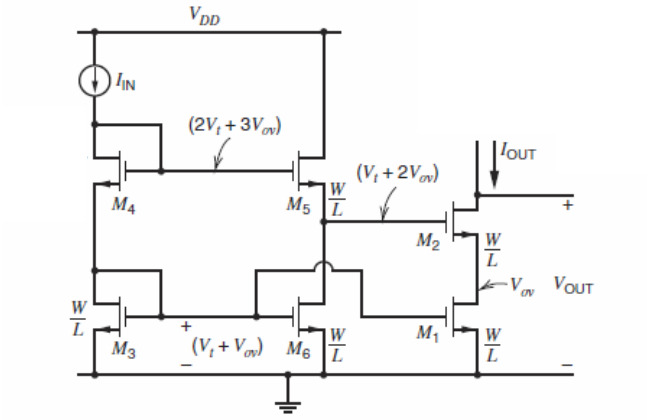


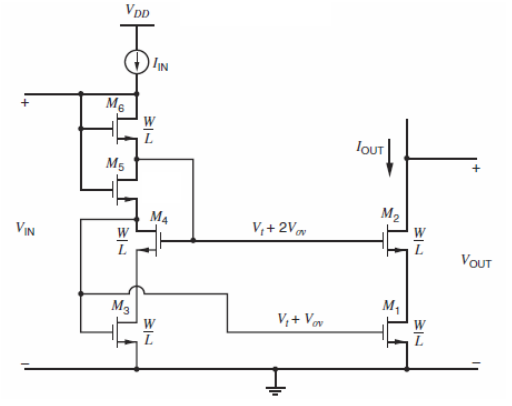
Figure 5-27



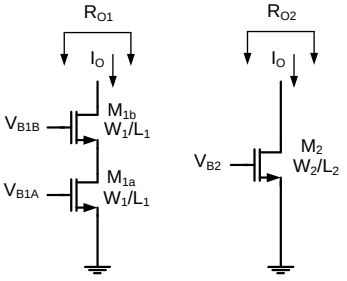
Problem P5.5



Problem P5.6



Problem P5.9



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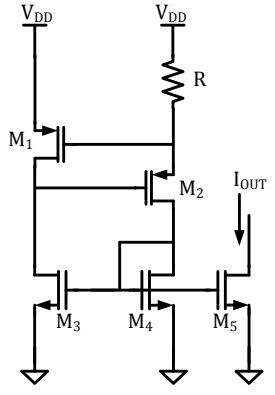
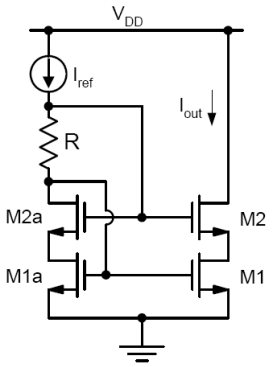


Problem P5.11



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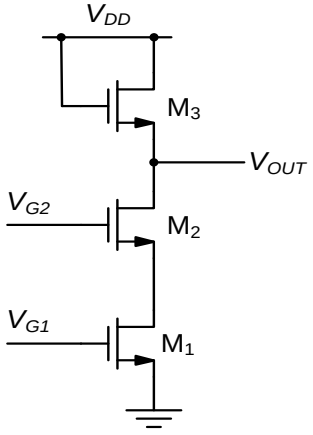
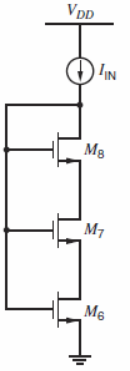
Problem P5.13