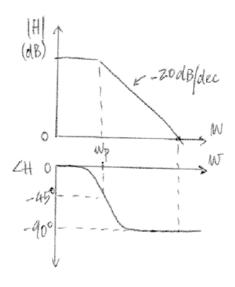
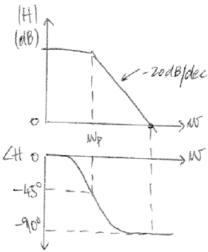
$$H(s) = \frac{Ao}{1 + \frac{s}{wp}}$$

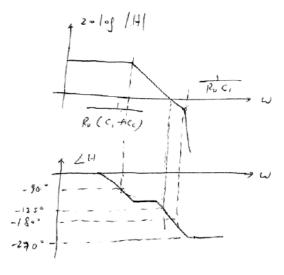


12.66

$$H(s) = \frac{Ao}{1 + \frac{s}{Mp}}$$



Phase margin = 900 (independent of K for one-pole systems.) with the compensation capacitor (e in place, the pole associated with Co becomes dominant (i.e. at a lower frequency than the other 2 poles at RDC1).



- 9.1.1 n=11
- 9.1.2  $V_0=1.9V$
- 9.1.7  $V_0 = \frac{V_R V_{REF}}{3R \cdot 2^n} \sum_{i=0}^{n-1} 2^i D^i$
- 9.2.1 t=5us
- 9.2.5 t=3us
- 9.2.6  $V_1 < V_{REF}$
- 9.2.7  $V_1$ =-1.107V
- 9.2.11 流水线 10 个; 并行 1023 个
- 9.2.12 转换级数,转换时间,采样时间
- 9.2.13 全并行(Flash, A/D)