Filter Summary Report: TIA,full,parasitic,Z1,Z2,ZL

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$\textbf{1} \textbf{Examined} \ H(z) \ \textbf{for} \ \textbf{TIA} \ \textbf{full} \ \textbf{parasitic} \ \textbf{Z1} \ \textbf{Z2} \ \textbf{ZL} : \\ \frac{Z_1Z_L(C_{gds} - g_m)(Z_2g_mr_o + Z_2 + r_o)}{C_{gd}C_{gs}Z_1Z_2Z_Lr_os^2 + C_{gd}Z_1Z_2Lr_os^2 +$
$Z_{r}Z_{r}\left(C_{r},s-a_{r}\right)\left(Z_{r}a_{r}r+Z_{0}+r\right)$
$H(z) = \frac{212L(c_{gds} - g_{m})(22g_{m}r_{o} + 22 + r_{o})}{C_{gd}^{2}C_{gg}} \frac{21}{Z_{2}} 21$
${f 3}$ BP
$4\mathbf{LP}$
5 BS
$6\mathbf{GE}$
7 AP
8 INVALID-NUMER
f 9 INVALID-WZ
10 INVALID-ORDER
10.1 INVALID-ORDER-1 $Z(s)=(R_1,\ R_2,\ \infty,\ \infty,\ \infty,\ R_L)$
$H(s) = \frac{R_1 R_L \left(C_{gd} s - g_m \right) \left(R_2 g_m r_o + R_2 + r_o \right)}{C_{gd}^2 C_{gs} R_1 R_2 R_L r_o^2 s^3 + C_{gd}^2 R_1 R_2 R_L r_o^2 s^2 + C_{gd}^2 R_1 R_2 R_L r_o s^2 + C_{gd}^2 R_$
10.2 INVALID-ORDER-2 $Z(s) = \left(R_1, \ R_2, \ \infty, \ \infty, \ \frac{1}{C_L s}\right)$
$H(s) = \frac{R_1 \left(C_{gds} - g_m \right) \left(R_2 g_m r_o + R_2 + r_o \right)}{C_L C_{gd} C_{gs} R_1 R_2 r_o^2 s^3 + C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_L C_{gd} R_1 R_2 g_m r_o s$
10.3 INVALID-ORDER-3 $Z(s) = \left(R_1, \ R_2, \ \infty, \ \infty, \ \frac{R_L}{C_L R_L s + 1}\right)$
$H(s) = \frac{R_1 R_L \left(C_{gds} - g_m \right) \left(R_2 g_m r_o + R_2 + r_o \right)}{C_L C_{gd} C_{gs} R_1 R_2 R_L r_o^2 s^3 + C_L C_{gd} R_1 R_2 R_L r_o s^2 + C_L C_{gd} R_1 R_2 R$
10.4 INVALID-ORDER-4 $Z(s) = \left(R_1, \ R_2, \ \infty, \ \infty, \ R_L + \frac{1}{C_L s}\right)$
$H(s) = \frac{R_1 \left(C_{gd}s - g_m \right) \left(C_L R_L s + 1 \right) \left(R_2 g_m r_o + R_2 + r_o \right)}{C_L C_{gd}^2 C_{gs} R_1 R_2 R_L r_o s^3 + C_L C_{gd}^2 R_1 R_2 R_L r_o$
10.5 INVALID-ORDER-5 $Z(s) = \left(R_1, \ R_2, \ \infty, \ \infty, \ \sum_{L} s + \frac{1}{C_L s}\right)$
$H(s) = \frac{R_1 \left(C_{gd}s - g_m \right) \left(C_L L_L s^2 + 1 \right) \left(R_2 g_m r_o + R_2 + r_o \right)}{C_L C_{gd}^2 C_{gs} L_L R_1 R_2 r_o^2 s^5 + C_L C_{gd}^2 L_L R_1 R_2 r_o s^4 + C_L C_{gd}^2 L_L R_1 R_2$
10.6 INVALID-ORDER-6 $Z(s) = \left(R_1, \ R_2, \ \infty, \ \infty, \ \frac{L_L s}{C_L L_L s^2 + 1}\right)$
$L_{L}R_{1}s\left(C_{gd}s-g_{m}\right)\left(R_{2}g_{m}r_{o}+R_{2}+r_{o}\right)\\ -L_{L}R_{1}s\left(C_{gd}s-g_{m}\right)\left(R_{2}g_{m}r_{o}+R_{2}+r_{o}\right)\\ -L_{L}R_{1}s\left(C_{gd}s-g_{m}r_{o}+R_{2}+r_{o}\right)\\ -L_{L}R_{1}s\left(C_{gd}s-g_{m}r_{o}+R_{2}+r_{o}\right$
10.7 INVALID-ORDER-7 $Z(s) = \left(R_1, \ R_2, \ \infty, \ \infty, \ \sum_{L} s + R_L + \frac{1}{C_L s}\right)$
$H(s) = \frac{1}{C_L C_{gd}^2 C_{gs} L_L R_1 R_2 r_o^2 s^5 + C_L C_{gd}^2 C_{gs} R_1 R_2 R_L r_o s^4 + C_L C_{gd}^2 L_L R_1 R_2 r_o s^4 + C_L C_{gd}^2 L_L R_1 $
10.8 INVALID-ORDER-8 $Z(s) = \left(R_1, \ R_2, \ \infty, \ \infty, \ \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)$
$H(s) = \frac{1}{C_L C_{gd} C_{gs} L_L R_1 R_2 R_L r_o^2 s^4 + C_L C_{gd} L_L R_1 R_2 R_L r_o s^3 + C_L C_{gd} L_L R_1 R_2 R_$
10.9 INVALID-ORDER-9 $Z(s) = \left(R_1, \ R_2, \ \infty, \ \infty, \ \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)$
$H(s) = \frac{1}{C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^5 + C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^4 + C_L C_{gd} L_L R_1 R_$
$\textbf{10.10} \textbf{INVALID-ORDER-10} Z(s) = \left(R_1, R_2, \infty, \infty, \infty, \frac{R_L\left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)$
$H(s) = \frac{1}{C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^5 + C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^4 + C_L C_{gd} L_L R_1 R_$
10.11 INVALID-ORDER-11 $Z(s) = \left(R_1, \ \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \infty, \ \infty$
$H(s) = \frac{R_1 R_L \left(C_{gd}s - g_m \right) \left(C_2 r_o s + g_m r_o + 1 \right)}{-C_2 C_{gd}^2 R_1 R_L r_o s^3 - C_2 C_{gd} C_{gs} R_1 R_L r_o s^3 + C_2 C_{gd} R_1 R_L r_o s^3 + C_2 C_{gd} R_1 R_L r_o s^2 + C_2 C_{gd} R_1 R_L r_o $
$\textbf{10.12} \textbf{INVALID-ORDER-12} \ Z(s) = \left(R_1, \ \tfrac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \tfrac{1}{C_L s}\right)$
$H(s) = \frac{R_1 \left(C_{gd}s - g_m \right) \left(C_2 r_o s + g_m r_o + 1 \right)}{C_2 C_L C_{gd} R_1 r_o s^3 - C_2 C_L R_1 g_m r_o s^2 - C_2 C_{gd}^2 R_1 r_o s^3 - C_2 C_{gd} R_1 g_m r_o s^2 + C_L C_{gd} R_$
10.13 INVALID-ORDER-13 $Z(s) = \left(R_1, \ \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{R_L}{C_L R_L s + 1}\right)$
$H(s) = \frac{R_1 R_L \left(C_{gd} s - g_m \right) \left(C_2 r_o s + g_m r_o + 1 \right)}{C_2 C_L C_{gd} R_1 R_L r_o s^3 - C_2 C_L R_1 R_L g_m r_o s^2 - C_2 C_{gd}^2 R_1 R_L r_o s^3 - C_2 C_L g_d R_1 R_L r_o s^3 + C_2 C_{gd} R_1 R_L r_o s^3 + C_2 C_{gd} R_1 R_L r_o s^3 + C_2 C_{gd} R_1 R_L r_o s^2 + C_2 C_{gd} R_1 R_L r_o s^3 + C_2 C_{gd} R_1 R_L r_o s^2 + C_2 C_{gd} R_1 R_L r_o s$

- 10.14 INVALID-ORDER-14 $Z(s) = \left(R_1, \frac{1}{C_2 s}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)$
- $H(s) = \frac{R_1 \left(C_{gd}s g_m \right) \left(C_L R_L s + 1 \right) \left(C_2 r_o s + g_m r_o + 1 \right)}{-C_2 C_L C_{gd}^2 R_1 R_L r_o s^4 C_2 C_L C_{gd} R_1 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_L r_o s^3 + C_L C_{gd} R_1 R_L r_o$
- 10.15 INVALID-ORDER-15 $Z(s) = \left(R_1, \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)$
- $H(s) = \frac{R_1 \left(C_{gd}s g_m \right) \left(C_L L_L s^2 + 1 \right) \left(C_2 r_o s + g_m r_o + 1 \right)}{-C_2 C_L C_{gd}^2 L_L R_1 r_o s^5 C_2 C_L C_{gd} C_{gs} L_L R_1 r_o s^5 C_2 C_L C_{gd} C_{gs} L_L R_1 r_o s^4 + C_L C_{gd}^2 C_{gs}^2 C_{gs}$
- 10.16 INVALID-ORDER-16 $Z(s) = \left(R_1, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)$
- $H(s) = \frac{L_L R_{1} s \left(C_{gd} s g_{m} \right) \left(C_{2} r_{o} s + g_{m} r_{o} + 1 \right)}{C_{2} C_{L} C_{gd} L_{L} R_{1} r_{o} s^{4} C_{2} C_{L} L_{L} R_{1} g_{m} r_{o} s^{3} C_{2} C_{gd} L_{L} R_{1} r_{o} s^{4} + C_{L} C_{gd} L_{L} R_{1} r_{o} s^{3} +$
- **10.17** INVALID-ORDER-17 $Z(s) = \left(R_1, \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)$
- $H(s) = \frac{-C_2C_LC_{gd}^2L_LR_1r_os^5 C_2C_LC_{gd}^2R_1R_Lr_os^4 C_2C_LC_{gd}C_{gs}R_1R_Lr_os^4 + C_2C_LC_{gd}C_{gs}R_1R_Lr_os^$
- **10.18** INVALID-ORDER-18 $Z(s) = \left(R_1, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)$
- $H(s) = \frac{1}{C_2 C_L C_{gd} L_L R_1 R_L r_o s^4 C_2 C_L L_L R_1 R_L g_m r_o s^3 C_2 C_{gd}^2 L_L R_1 R_L r_o s^4 + C_2 C_{gd} L_L R_1 R_L r_o s^3 + C_L C_{gd} L$
- **10.19** INVALID-ORDER-19 $Z(s) = \left(R_1, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)$
- $H(s) = \frac{-}{-C_2C_LC_{gd}^2L_LR_1R_Lr_os^5 C_2C_LC_{gd}C_{gs}L_LR_1R_Lr_os^5 + C_2C_LC_{gd}L_LR_1r_os^4 + C_2C_LC_{gd}L_LR_1r$
- 10.20 INVALID-ORDER-20 $Z(s) = \left(R_1, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)$
- $H(s) = \frac{-C_2C_LC_{gd}^2L_LR_1R_Lr_os^5 C_2C_LC_{gd}C_{gs}L_LR_1R_Lr_os^5 + C_2C_LC_{gd}L_LR_1R_Lr_os^4 + C_2C_LC_{gd}L_LR$
- 10.21 INVALID-ORDER-21 $Z(s) = \left(R_1, \frac{R_2}{C_2R_2s+1}, \infty, \infty, \infty, R_L\right)$
- $H(s) = \frac{R_1 R_L \left(C_{gd} s g_m \right) \left(C_2 R_2 r_o s + R_2 g_m r_o + R_2 + r_o \right)}{-C_2 C_{gd}^2 R_1 R_2 R_L r_o s^3 C_2 C_{gd} C_{gs} R_1 R_2 R_L r_o s^3 + C_2 C_{gd} R_1 R_2 R_L r_o s^2 + C_$
- 10.22 INVALID-ORDER-22 $Z(s) = \left(R_1, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{1}{C_L s}\right)$
- $H(s) = \frac{R_1 \left(C_{gd}s g_m \right) \left(C_2 R_2 r_o s + R_2 g_m r_o + R_2 + r_o \right)}{C_2 C_L C_{gd} R_1 R_2 r_o s^3 C_2 C_L R_1 R_2 g_m r_o s^2 + C_L C_{gd} R_1 R_2 r_o s^3 C_2 C_{gd} R_1 R_2 r_o s^3 + C_L C_{gd} R_1 R_2 r_o s^2 + C_L C_{gd} R_1 R$
- 10.23 INVALID-ORDER-23 $Z(s) = \left(R_1, \frac{R_2}{C_2R_2s+1}, \infty, \infty, \infty, \frac{R_L}{C_LR_Ls+1}\right)$
- $H(s) = \frac{R_1R_L\left(C_{gd}s g_m c_{gd}R_1R_2R_Lr_os^3 C_2C_LR_1R_2R_Lg_mr_os^2 + C_2C_{gd}R_1R_2R_Lr_os^3 + C_2C_{gd}R_1R_2R$
- **10.24** INVALID-ORDER-24 $Z(s) = \left(R_1, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)$
- $H(s) = \frac{-}{-C_2C_LC_{gd}^2R_1R_2R_Lr_os^4 C_2C_LC_{gd}C_{gs}R_1R_2R_Lr_os^4 + C_2C_LC_{gd}R_1R_2R_Lr_os^3 + C_2C_LC_{gd}R$
- **10.25** INVALID-ORDER-25 $Z(s) = \left(R_1, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)$
- $H(s) = \frac{-}{-C_2C_LC_{gd}^2L_LR_1R_2r_os^5 C_2C_LC_{gd}C_{gs}L_LR_1R_2r_os^5 + C_2C_LC_{gd}L_LR_1r_os^4 + C_LC_{gd}C_{gs}L_LR_1R_2r_os^4 + C_LC_{gd}C_{gs}L_LR_1R$
- **10.26** INVALID-ORDER-26 $Z(s) = \left(R_1, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)$
- $H(s) = \frac{L_L R_1 s \left(C_{gd} s g_m \right)}{C_2 C_L C_{gd} L_L R_1 R_2 r_o s^4 C_2 C_L L_L R_1 R_2 g_m r_o s^3 C_2 C_{gd}^2 L_L R_1 R_2 r_o s^4 + C_L C_{gd} L_L R_1 R_2 r_o s^3 + C_L C_{gd} L_L R$
- 10.27 INVALID-ORDER-27 $Z(s) = \left(R_1, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)$
- $H(s) = \frac{1}{-C_2C_LC_{gd}^2L_LR_1R_2r_os^5 C_2C_LC_{gd}^2R_1R_2r_os^5 C_2C_LC_{gd}R_1R_2r_os^5 -$
- 10.28 INVALID-ORDER-28 $Z(s) = \left(R_1, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_I} + \frac{1}{L_I s}}\right)$
- $H(s) = \frac{1}{C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 C_2 C_L L_L R_1 R_2 R_L r_o s^3 + C_2 C_{gd} L_L R_1 R_2 R_L r_o s^$
- 10.29 INVALID-ORDER-29 $Z(s) = \left(R_1, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)$
- $H(s) = \frac{-}{-C_2C_LC_{gd}^2L_LR_1R_2R_Lr_os^5 C_2C_LC_{gd}C_{gs}L_LR_1R_2R_Lr_os^5 + C_2C_LC_{gd}L_LR_1R_2R_Lr_os^4 + C_2C_LC_{gd}L_LR_1R_2r_os^4 + C_2C$
- 10.30 INVALID-ORDER-30 $Z(s) = \left(R_1, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)$
- $H(s) = \frac{-}{-C_2C_LC_{gd}^2L_LR_1R_2R_Lr_os^5 C_2C_LC_{gd}C_{gs}L_LR_1R_2R_Lr_os^5 + C_2C_LC_{gd}L_LR_1R_2R_Lr_os^3 + C_2C_LC_{g$
- 10.31 INVALID-ORDER-31 $Z(s) = \left(R_1, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L\right)$
- $H(s) = \frac{R_1 R_L \left(C_{gd}s g_m \right) \left(C_2 R_2 g_m r_o s + C_2 R_2 s + C_2 r_o s + g_m r_o + C_2 R_2 s + C_2 r_o s + g_m r_o + C_2 R_2 R_1 R_2 R_L r_o s^3 + C_2 C_{gd} R_1 R_2 R_L r_o s^3 + C_2 C$
- 10.32 INVALID-ORDER-32 $Z(s) = \left(R_1, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s}\right)$
- $H(s) = \frac{R_1 \left(C_{gd}s g_m \right) \left(C_2 R_2 g_m r_o s + C_2 R_2 s + C_2 r_o s + g_m r_o + C_2 R_2 s + C_2 r_o s + g_m r_o s + C_2 R_2 s + C_2 r_o s + g_m r_o s + C_2 R_2 R_1 R_2 g_m^2 r_o^2 s^3 + C_2 C_L C_{gd} R_1 R_2 g_m^2 r_o^2 s^3 + C_2$

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1.033 NVAIID ORDER 3 Zej = (h, h_2 + \frac{1}{16}, \times \times
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 $H(s) = \frac{1}{C_2C_LC_{gg}C_{gg}L_LR_1R_2R_Lr_g^2s^5 + C_2C_LC_{gg}L_LR_1R_2R_Lr_g^2s^5 + C_2C_LC_{gg}L_LR_1R_2R_Lr_g^2s^5 + C_2C_{gg}L_LR_1R_2R_Lr_g^2s^5 + C$

 $\mathbf{10.40} \quad \mathbf{INVALID\text{-}ORDER\text{-}40} \ Z(s) = \left(R_1, \ R_2 + \frac{1}{C_2s}, \ \infty, \ \infty, \ \infty, \ \frac{R_L(L_Ls + \frac{1}{C_Ls})}{L_Ls + R_L + \frac{1}{C_Ls}}\right)$ $H(s) = \frac{1}{C_2C_LC_{gd}^2C_{gs}L_LR_1R_2R_Lr_0^2s^6 + C_2C_LC_{gd}L_LR_1R_2R_Lr_0s^5 + C_2C_LC_{gd}L_LR_1R_2R_Lr_0s^$

 $10.41 \quad \text{INVALID-ORDER-41} \ Z(s) = \left(R_1, \ L_2s + \frac{1}{C_2s}, \ \infty, \ \infty, \ \infty, \ R_L\right)$ $R_1R_L(C_gds - g_n) \left(C_2L_2g_nr_os^2 + C_2L_2s^2 + C_2r_os + g_mr_o + C_2r_gdL_2R_1R_Lr_os^4 + C_2r_$

 $R_{1}(C_{gds} - g_{m})\left(c_{2}L_{2}g_{m}r_{o}s^{2} + c_{2}L_{2}s^{2} + c_{2}r_{o}s + g_{m}r_{o}s^{4} + c_{2}C_{L}C_{gd}L_{2}R_{1}r_{o}s^{4} + c_{2}C_{L}C_{gd}L_{2}R_{1}r_{o}$

 $H(s) = \frac{1}{C_2C_LC_{gd}C_{gs}L_2R_1R_Lr_2^2s^5 + C_2C_LC_{gd}L_2R_1R_Lg_mr_os^4 + C_2C_LC_{gd}L_$

 $H(s) = \frac{1}{C_2C_LC_{gd}^2C_{gs}L_2R_1R_Lr_g^2s^6 + C_2C_LC_{gd}^2L_2R_1R_Lr_gs^5 + C_2C_LC_{gd}^2L_2R_1R_Lr_gs^5 + C_2C_LC_{gd}C_{gs}L_2R_1R_Lr_gs^5 + C_2C_LC_{gd}C_{gs}L_$

 $H(s) = \frac{1}{C_2C_LC_{gd}^2C_{gs}L_2L_LR_1r_o^2s^7 + C_2C_LC_{gd}^2L_2L_LR_1g_mr_o^2s^6 + C_2C_LC_{gd}L_2L_Rr_0s^6 + C_2C_LC_{gd}L_2R_1r_0s^6 + C_2C_LC_{gd$

 $H(s) = \frac{1}{C_2C_LC_{gd}C_{gs}L_2L_LR_1r_o^2s^6 + C_2C_LC_{gd}L_2L_LR_1g_mr_o^2s^5 + 2C_2C_LC_{gd}L_2L_LR_1g_mr_os^5 + C_2C_LC_{gd}L_2L_LR_1g_mr_os^5 + C_2C_LC_{gd}L_2L_LR_1g_mr_os^5 + C_2C_LC_{gd}L_2L_LR_1g_mr_os^5 + C_2C_LC_{gd}L_2L_LR_1g_mr_os^5 + C_2C_LC_{gd}L_2L_RR_1g_mr_os^5 + C_2C_LC_{gd$

 $H(s) = \frac{1}{C_2C_LC_{gd}^2C_{gs}L_2L_LR_1r_2^2s^7 + C_2C_LC_{gd}^2C_{gs}L_2R_1R_Lr_2^2s^5 + C_2C_LC_{gd}^2L_2L_Rr_1r_2s^5 +$

 $H(s) = \frac{1}{C_2C_LC_{gd}C_{gs}L_2L_LR_1R_Lr_o^2s^6 + C_2C_LC_{gd}L_2L_LR_1R_Lr_os^5 + C_2C_LC_{gd$

 $10.49 \quad \text{INVALID-ORDER-49} \ Z(s) = \left(R_1, \ L_2s + \frac{1}{C_2s}, \ \infty, \ \infty, \ \infty, \ \frac{L_Ls}{C_LL_Ls^2 + 1} + R_L\right)$ $H(s) = \frac{1}{C_2C_LC_{gd}^2C_{gs}L_2L_LR_1R_Lr_2s^2 + C_2C_LC_{gd}L_2L_LR_1R_Lr_2s^2 + C_2C_LC_{gd}L_2L_LR_1R_Lr$

 $H(s) = \frac{1}{C_2 C_{gd}^2 C_{gs} L_2 R_1 R_L r_o^2 s^5 + C_2 C_{gd}^2 C_{gs} R_1 R_2 R_L r_o s^3 + C_2 C_{gd}^2 L_2 R_1 R_L r_o s^3 + C_2 C_{gd}^2 L_2 R_1$

10.51 INVALID-ORDER-51 $Z(s) = \left(R_1, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L\right)$

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10.52 INVALID-ORDER-52 Z(s) = \left(R_1, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
H(s) = \frac{1}{C_2C_LC_{qd}C_{qs}L_2R_1r_o^2s^5 + C_2C_LC_{qd}C_{qs}R_1R_2r_o^2s^4 + C_2C_LC_{qd}L_2R_1g_mr_os^4 + C_2C_LC_{qd}
10.53 INVALID-ORDER-53 Z(s) = \left(R_1, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
H(s) = \frac{1}{C_2 C_L C_{gd} C_{gs} L_2 R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd} C_g R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_L r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_L r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} R_1 R_
10.54 INVALID-ORDER-54 Z(s) = \left(R_1, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
H(s) = \frac{1}{C_2C_LC_{ad}^2C_{gs}L_2R_1R_Lr_o^2s^6 + C_2C_LC_{ad}^2C_{gs}R_1R_2R_Lr_o^2s^4 + C_2C_LC_{ad}^2C_{gs}R_1R_2R_Lr_os^4 + C_2C_LC_{ad}^2C_{gs}R_1R_Lr_os^4 + C_2C_LC_{ad}^2C_{gs}R_1R_Lr_os^4 + C_2C_LC_{ad}^2C_{gs}
10.55 INVALID-ORDER-55 Z(s) = \left(R_1, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
H(s) = \frac{1}{C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o^2 s^7 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 r_o^2 s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L 
10.56 INVALID-ORDER-56 Z(s) = \left(R_1, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
H(s) = \frac{1}{C_2C_LC_{gd}C_{gs}L_2L_LR_1r_o^2s^6 + C_2C_LC_{gd}L_2L_LR_1r_os^5 + C_2C_LC_{gd}L_2L_Rr_os^4 + C_2C_LC_{gd}L_2L_Rr_
10.57 INVALID-ORDER-57 Z(s) = \left(R_1, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
H(s) = \frac{1}{C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o^2 s^7 + C_2 C_L C_{gd}^2 C_{gs} L_2 R_1 R_L r_o^2 s^6 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 r_o s^5 + C_2 
10.58 INVALID-ORDER-58 Z(s) = \left(R_1, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
 H(s) = \frac{1}{C_2C_LC_{gd}C_{gs}L_2L_LR_1R_Lr_o^2s^6 + C_2C_LC_{gd}L_2L_LR_1R_Lr_os^5 + C_2C_LC_{gd}L_2L_RR_1R_2R_Lr_os^4 + C_2C_LC_{gd}L_2L_RR_1R_Lr_os^5 + C_2C_LC_{gd}L_LR_1R_Lr_os^5 + C_2C_LC_
10.59 INVALID-ORDER-59 Z(s) = \left(R_1, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
H(s) = \frac{1}{C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 R_L r_o^2 s^7 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_L r_o^2 s^5 + 
10.60 INVALID-ORDER-60 Z(s) = \left(R_1, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
H(s) = \frac{1}{C_2 C_L C_{ad}^2 C_{gs} L_2 L_L R_1 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_L r_o s^
10.61 INVALID-ORDER-61 Z(s) = \left(R_1, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, R_L\right)
H(s) = \frac{1}{C_2C_{ad}^2C_{gs}L_2R_1R_2R_Lr_o^2s^5 + C_2C_{ad}^2L_2R_1R_2R_Lr_os^4 + C_2C_{ad}L_2R_1R_2R_Lr_os^4 + C_2C_{ad}L
10.62 INVALID-ORDER-62 Z(s) = \left(R_1, \frac{L_2s}{C_2L_2s^2+1} + R_2, \infty, \infty, \infty, \frac{1}{C_Ls}\right)
H(s) = \frac{1}{C_2 C_L C_{ad} C_{as} L_2 R_1 R_2 r_o^2 s^5 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o^2 s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{ad} L_2 R_1 
10.63 INVALID-ORDER-63 Z(s) = \left(R_1, \frac{L_2s}{C_2L_2s^2+1} + R_2, \infty, \infty, \infty, \frac{R_L}{C_LR_Ls+1}\right)
H(s) = \frac{1}{C_2C_LC_{gd}C_{gs}L_2R_1R_2R_Lr_o^2s^5 + C_2C_LC_{gd}L_2R_1R_2R_Lr_os^4 + C_2C_LC_{gd
10.64 INVALID-ORDER-64 Z(s) = \left(R_1, \frac{L_2s}{C_2L_2s^2+1} + R_2, \infty, \infty, \infty, R_L + \frac{1}{C_Ls}\right)
H(s) = \frac{1}{C_2C_LC_{ad}^2C_{gs}L_2R_1R_2R_Lr_o^2s^6 + C_2C_LC_{ad}L_2R_1R_2R_Lr_os^5 + C_2C_LC_{
10.65 INVALID-ORDER-65 Z(s) = \left(R_1, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
H(s) = \frac{1}{C_2C_LC_{ad}^2C_{gs}L_2L_LR_1R_2r_o^2s^7 + C_2C_LC_{gd}L_2L_LR_1R_2r_os^6 + C_2C_LC_{gd}L_2L_LR_1R_2r_os^6 + C_2C_LC_{gd}L_2L_LR_1R_2r_os^6 + C_2C_LC_{gd}L_2L_LR_1r_os^6 + 
10.66 INVALID-ORDER-66 Z(s) = \left(R_1, \frac{L_2s}{C_2L_2s^2+1} + R_2, \infty, \infty, \infty, \frac{L_Ls}{C_LL_Ls^2+1}\right)
H(s) = \frac{1}{C_2 C_L C_{gd} C_{gs} L_2 L_L R_1 R_2 r_o^2 s^6 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o^2 s^5 + C_2
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 $10.67 \quad \text{INVALID-ORDER-67} \quad Z(s) = \left(R_1, \frac{L_2s}{C_2L_2s^2+1} + R_2, \ \infty, \ \infty, \ \infty, \ L_Ls + R_L + \frac{1}{C_Ls}\right)$ $H(s) = \frac{L_2s}{C_2C_2c_2c_2C_2c_2c_2C_2c_2C_2c_2c_2C$

 $H(s) = \frac{1}{C_2C_LC_{gd}C_{gs}L_2L_LR_1R_2R_Lr_0^2s^6 + C_2C_LC_{gd}L_2L_LR_1R_2R_Lr_0s^5 + C_2C_LC_{gd}L_2L_RR_1R_2R_Lr_0s^5 + C_2C_LC_$

 $H(s) = \frac{1}{C_2C_LC_{gd}^2C_{gs}L_2L_LR_1R_2R_Lr_o^2s^7 + C_2C_LC_{gd}^2L_2L_LR_1R_2R_Lr_os^6 + C_2C_LC_{gd}^2L_LR_1R_2R_Lr_os^6 + C_2C_LC_{gd}^$

10.70 INVALID-ORDER-70 $Z(s) = \left(R_1, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)$

 $H(s) = \frac{1}{C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 R_2 R_L r_o^2 s^7 + C_2 C_L C_{gd}^2 L_2 L_L R_1 R_2 R_L r_o^2 s^6 + C_2 C_L C_{gd}^2$

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10.71 INVALID-ORDER-71 Z(s) = \left(R_1, \frac{R_2\left(L_2s + \frac{1}{C_2s}\right)}{L_2s + R_2 + \frac{1}{C_2s}}, \infty, \infty, \infty, \infty, R_L\right)
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 $H(s) = \frac{1}{C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o^2 s^5 + C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^4 + C_2 C_{gd} L_2 R_1 R_$

10.72 INVALID-ORDER-72
$$Z(s) = \left(R_1, \ \frac{R_2\left(L_2s + \frac{1}{C_2s}\right)}{L_2s + R_2 + \frac{1}{C_2s}}, \ \infty, \ \infty, \ \infty, \ \frac{1}{C_Ls}\right)$$

 $H(s) = \frac{1}{C_2C_LC_{gd}C_{gs}L_2R_1R_2r_o^2s^5 + C_2C_LC_{gd}L_2R_1R_2r_os^4 + C_2C_LC_{gd}L_$

10.73 INVALID-ORDER-73 $Z(s) = \left(R_1, \frac{R_2\left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)$

 $H(s) = \frac{1}{C_2C_LC_{gd}C_{gs}L_2R_1R_2R_Lr_o^2s^5 + C_2C_LC_{gd}L_2R_1R_2R_Lr_os^4 + C_2C_LC_{gd$

10.74 INVALID-ORDER-74
$$Z(s) = \left(R_1, \frac{R_2\left(L_2s + \frac{1}{C_2s}\right)}{L_2s + R_2 + \frac{1}{C_2s}}, \infty, \infty, \infty, R_L + \frac{1}{C_Ls}\right)$$

 $H(s) = \frac{1}{C_2 C_L C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o^2 s^6 + C_2 C_L C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_$

10.75 INVALID-ORDER-75 $Z(s) = \left(R_1, \frac{R_2\left(L_2s + \frac{1}{C_2s}\right)}{L_2s + R_2 + \frac{1}{C_2s}}, \infty, \infty, \infty, L_Ls + \frac{1}{C_Ls}\right)$

 $H(s) = \frac{1}{C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 R_2 r_o^2 s^7 + C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o s^6 + C_2 C_L C_{g$

10.76 INVALID-ORDER-76 $Z(s) = \left(R_1, \frac{R_2\left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)$

 $H(s) = \frac{1}{C_2C_LC_{gd}C_{gs}L_2L_LR_1R_2r_o^2s^6 + C_2C_LC_{gd}L_2L_LR_1R_2r_o^2s^6 + C_2C_LC_{gd}L_2L_LR_1R_2r_o^2s^$

10.77 INVALID-ORDER-77 $Z(s) = \left(R_1, \frac{R_2\left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)$

 $H(s) = \frac{1}{C_2C_LC_{gd}^2C_{gs}L_2L_LR_1R_2r_o^2s^7 + C_2C_LC_{gd}^2C_{gs}L_2R_1R_2R_Lr_os^5 - C_2C_LC_{gd}^2L_2L_LR_1r_os^6 + C_2C_LC_{gd}^2L_2L_LR_1r_os^$

10.78 INVALID-ORDER-78 $Z(s) = \left(R_1, \frac{R_2\left(L_2s + \frac{1}{C_2s}\right)}{L_2s + R_2 + \frac{1}{C_2s}}, \infty, \infty, \infty, \frac{1}{C_Ls + \frac{1}{R_L} + \frac{1}{L_Ls}}\right)$

 $H(s) = \frac{1}{C_2C_LC_{gd}C_{gs}L_2L_LR_1R_2R_Lr_o^2s^6 + C_2C_LC_{gd}L_2L_LR_1R_2R_Lg_mr_os^5 +$

10.79 INVALID-ORDER-79
$$Z(s) = \left(R_1, \frac{R_2\left(L_2s + \frac{1}{C_2s}\right)}{L_2s + R_2 + \frac{1}{C_2s}}, \infty, \infty, \infty, \frac{L_Ls}{C_LL_Ls^2 + 1} + R_L\right)$$

 $H(s) = \frac{1}{C_2C_LC_{gd}^2C_{gs}L_2L_LR_1R_2R_Lr_os^5 + C_2C_LC_{gd}L_2L_LR_1R_2R_Lr_os^5 + C_2C_LC_$

10.80 INVALID-ORDER-80 $Z(s) = \left(R_1, \ \frac{R_2\left(L_2s + \frac{1}{C_2s}\right)}{L_2s + R_2 + \frac{1}{C_2s}}, \ \infty, \ \infty, \ \infty, \ \frac{R_L\left(L_Ls + \frac{1}{C_Ls}\right)}{L_Ls + R_L + \frac{1}{C_Ls}}\right)$

 $H(s) = \frac{1}{C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 R_2 R_L r_o^2 s^7 + C_2 C_L C_{gd}^2 L_2 L_L R_1 R_2 R_L r_o s^6 + C_$

10.81 INVALID-ORDER-81 $Z(s) = (L_1 s, R_2, \infty, \infty, \infty, R_L)$

 $H(s) = \frac{L_1 R_L s \left(C_{gd} s - g_m \right) \left(R_2 g_m r_o + R_2 + r_o \right)}{C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^4 + C_{gd}^2 L_1 R_2 R_L r_o^2 s^4 + C_{gd}^2 L_1 R_2 R_L r_o s^3 + C_{gd}^2 L_1 R_2 R_L r_o s^3 + C_{gd}^2 L_1 R_2 R_L r_o s^3 + C_{gd}^2 L_1 R_2 r_o s^2 + C_{gd}^2 L_1 R_2 r_o s^2$

10.82 INVALID-ORDER-82 $Z(s) = \left(L_1 s, R_2, \infty, \infty, \infty, \frac{1}{C_L s}\right)$

 $H(s) = \frac{L_{1}s\left(C_{gd}s - g_{m}\right)\left(R_{2}g_{m}r_{o} + R_{2} + r_{o}\right)}{C_{L}C_{gd}C_{gs}L_{1}R_{2}r_{o}^{2}s^{4} + C_{L}C_{gd}L_{1}R_{2}g_{m}r_{o}s^{3} + C_{L}C_{gd}L_{1}R_{2}g_{m}r_{o}s^{2} + C_{L}C_{gd}L_{1}R_$

10.83 INVALID-ORDER-83 $Z(s) = \left(L_1 s, R_2, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)$

 $H(s) = \frac{L_1 R_L s \left(C_{gd} s - g_m \right) \left(R_2 g_m r_o + R_2 + r_o \right)}{C_L C_{gd} C_{gs} L_1 R_2 R_L r_o^2 s^4 + C_L C_{gd} L_1 R_2 R_L r_o^2 s^3 + C_L C_{gd} L_1 R_2 R_L r_o s^3 + C_L C_{gd} L_1$

10.84 INVALID-ORDER-84 $Z(s) = \left(L_1 s, R_2, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)$

 $H(s) = \frac{L_{1}s\left(C_{gd}s - g_{m}\right)\left(C_{L}R_{L}s + 1\right)\left(R_{2}g_{m}r_{o} + R_{2} + r_{o}\right)}{C_{L}C_{gd}^{2}C_{gs}L_{1}R_{2}R_{L}r_{o}^{2}s^{5} + C_{L}C_{gd}^{2}L_{1}R_{2}R_{L}r_{o}s^{4} + C_{L}C_{gd}L_{1}R_{2}R_{L}r_{o}s^{4} + C_{L}C_{gd}L_{1}R_{2}R_{L$

10.85 INVALID-ORDER-85 $Z(s) = \left(L_1 s, R_2, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)$

 $H(s) = \frac{L_{1}s\left(C_{gd}s - g_{m}\right)\left(C_{L}L_{s}^{2} + 1\right)\left(R_{2}g_{m}r_{o} + R_{2} + r_{o}\right)}{C_{L}C_{gd}^{2}C_{gs}L_{1}L_{L}R_{2}r_{o}^{2}s^{6} + C_{L}C_{gd}^{2}L_{1}L_{L}R_{2}r_{o}s^{5} + C_{L}C_{gd}L_{1}R_{2}r_{o}s^{5} + C_{L}C_{gd}L_{1}R_{$

10.86 INVALID-ORDER-86 $Z(s) = \left(L_1 s, R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)$

 $H(s) = \frac{L_1 L_L s^2 \left(C_{gd} s - g_m \right) \left(R_2 g_m r_o + R_2 + r_o \right)}{C_L C_{gd} C_{gs} L_1 L_L R_2 r_o^2 s^5 + C_L C_{gd} L_1 L_L R_2 r_o s^4 + C_L C_{gd} L_1$

10.87 INVALID-ORDER-87 $Z(s) = \left(L_1 s, R_2, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)$

 $H(s) = \frac{1}{C_L C_{ad}^2 C_{qs} L_1 L_L R_2 r_o^2 s^6 + C_L C_{ad}^2 C_{qs} L_1 R_2 r_o^2 s^5 + C_L C_{ad}^2 L_1 L_L R_2 r_o s^5 + C_L C_{ad}^2 L_1 L_L R_$

10.88 INVALID-ORDER-88 $Z(s) = \left(L_1 s, R_2, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_s} + \frac{1}{L_s s}}\right)$

 $H(s) = \frac{H(s)}{C_L C_{gd} C_{gs} L_1 L_L R_2 R_L r_o^2 s^5 + C_L C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_L C_{gd} L_1 L_L R_2$

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10.89 INVALID-ORDER-89 Z(s) = \left(L_1 s, R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
 10.90 INVALID-ORDER-90 Z(s) = \left(L_1 s, R_2, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
 H(s) = \frac{1}{C_L C_{ad}^2 C_{qs} L_1 L_L R_2 R_L r_o^2 s^6 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_L R_2 R_L r_o s^5 + C_L C_{gd}^2 L_L R_2 R_L r_o s^5 + C_L
10.91 INVALID-ORDER-91 Z(s) = \left(L_1 s, \frac{1}{C_2 s}, \infty, \infty, \infty, R_L\right)
10.92 INVALID-ORDER-92 Z(s) = \left(L_1 s, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
10.93 INVALID-ORDER-93 Z(s) = \left(L_1 s, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
10.94 INVALID-ORDER-94 Z(s) = \left(L_1 s, \frac{1}{C_2 s}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
  H(s) = \frac{L_{1}s\left(C_{gd}s - g_{m}\right)\left(C_{L}R_{L}s + 1\right)\left(C_{2}r_{o}s + g_{m}r_{o} + 1\right)}{-C_{2}C_{L}C_{gd}^{2}L_{1}R_{L}r_{o}s^{5} - C_{2}C_{L}C_{gd}C_{gs}L_{1}R_{L}r_{o}s^{5} + C_{2}C_{L}C_{gd}L_{1}R_{L}r_{o}s^{4} + C_{L}C_{gd}C_{gs}L_{1}R_{L}r_{o}s^{4} + C_{L}C_{gd}C_{gs}L_{1}R_{L}r_
10.95 INVALID-ORDER-95 Z(s) = \left(L_1 s, \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
H(s) = \frac{L_{1}s\left(C_{gd}s - g_{m}\right)\left(C_{L}L_{s}^{2} + 1\right)\left(C_{2}r_{o}s + g_{m}r_{o} + 1\right)}{-C_{2}C_{L}C_{gd}^{2}L_{1}L_{L}r_{o}s^{6} - C_{2}C_{L}C_{gd}C_{gs}L_{1}L_{L}r_{o}s^{6} + C_{2}C_{L}C_{gd}L_{1}r_{o}s^{4} + C_{2}C_{L}C_{gd}L_{1}r_{o}s^{
10.96 INVALID-ORDER-96 Z(s) = \left(L_1 s, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
 H(s) = \frac{L_1 L_1 s^2 \left( C_{gd} s - g_m \right) \left( C_2 r_o s + g_m r_o + 1 \right)}{C_2 C_L C_{gd} L_1 L_L r_o s^5 - C_2 C_L L_1 L_L g_m r_o s^4 + C_L C_{gd} L_1 L_L r_o s^5 - C_2 C_{gd} L_1 L_L r_o s^5 + C_2 C_{gd} L_1 L_L r_o s^5 + C_2 C_{gd} L_1 L_L r_o s^5 + C_2 C_{gd} L_1 L_L g_m r_o s^4 + C_2 C_{gd}
10.97 INVALID-ORDER-97 Z(s) = \left(L_1 s, \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
  H(s) = \frac{H(s)}{-C_2C_LC_{gd}^2L_1L_Lr_os^6 - C_2C_LC_{gd}^2L_1R_Lr_os^5 - C_2C_LC_{gd}C_{gs}L_1L_Lr_os^6 - C_2C_LC_{gd}L_1R_Lr_os^5 + C_2C_LC_{gd}L_1R_Lr_
 10.98 INVALID-ORDER-98 Z(s) = \left(L_1 s, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
 10.99 INVALID-ORDER-99 Z(s) = \left(L_1 s, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
 H(s) = \frac{-C_2C_LC_{ad}^2L_1L_LR_Lr_os^6 - C_2C_LC_{gd}C_{gs}L_1L_LR_Lr_os^6 + C_2C_LC_{gd}L_1L_LR_Lr_os^5 + C_2C_{gd}L_1L_LR_Lr_os^5 + C_2C_{gd}L_1L_LR
10.100 INVALID-ORDER-100 Z(s) = \left(L_1 s, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_T s}}\right)
H(s) = \frac{-C_2C_LC_{cd}^2L_1L_LR_Lr_os^6 - C_2C_LC_{dd}C_{ds}L_1L_LR_Lr_os^6 + C_2C_LC_{dd}L_1L_LR_Lr_os^5 + C_2C_LC_{dd}L_1L_LR_Lr_os^4 + C_2C_LC_{dd}L_1R_Lr_os^4 + C_2C_LC_{dd}L_1R
10.101 INVALID-ORDER-101 Z(s) = \left(L_1 s, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, R_L\right)
H(s) = \frac{L_1 R_L s \left( C_{gd} s - g_m \right) \left( C_2 R_2 r_o s + R_2 g_m r_o + R_2 + r_o \right)}{-C_2 C_{gd}^2 L_1 R_2 R_L r_o s^4 - C_2 C_{gd} C_{gs} L_1 R_2 R_L r_o s^4 + C_2 C_{gd} L_1 R_2 R_L r_o s^3 + 
10.102 INVALID-ORDER-102 Z(s) = \left(L_1 s, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
 H(s) = \frac{L_{1}s\left(C_{gd}s - g_{m}\right)\left(C_{2}R_{2}r_{o}s + R_{2}g_{m}r_{o} + R_{2} + r_{o}\right)}{C_{2}C_{L}C_{gd}L_{1}R_{2}r_{o}s^{4} - C_{2}C_{L}L_{1}R_{2}g_{m}r_{o}s^{3} - C_{2}C_{gd}L_{1}R_{2}r_{o}s^{4} + C_{2}C_{gd}L_{1}R_{2}r_{o}s^{4} + C_{2}C_{gd}L_{1}R_{2}r_{o}s^{4} + C_{2}C_{gd}L_{1}R_{2}r_{o}s^{4} + C_{2}C_{gd}L_{1}R_{2}r_{o}s^{4} + C_{2}C_{gd}L_{1}R_{2}r_{o}s^{4} + C_{2}C_{gd}L_{1}R_{2}r_{o}s^{3} + C_{L}C_{gd}L_{1}R_{2}r_{o}s^{3} + C_{L}C_
10.103 INVALID-ORDER-103 Z(s) = \left(L_1 s, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
H(s) = \frac{\mathcal{L}_{1} \mathcal{L}_{1} \mathcal{L}_{2} \mathcal{L}_{3} \mathcal{L}_{3} \mathcal{L}_{4} \mathcal{L}_{5} \mathcal
10.104 INVALID-ORDER-104 Z(s) = \left(L_1 s, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
 H(s) = \frac{-C_2C_LC_{2d}^2L_1R_2R_Lr_os^5 - C_2C_LC_{2d}C_{2s}L_1R_2R_Lr_os^5 + C_2C_LC_{2d}L_1R_2R_Lr_os^4 + C_2C_LC_{2d}L_1R
10.105 INVALID-ORDER-105 Z(s) = \left(L_1 s, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
 H(s) = \frac{-C_1C_1C_2^2L_1L_1R_2r_os^6 - C_2C_1C_2dC_3L_1L_1R_2r_os^6 + C_2C_1C_3dC_3L_1L_1R_2r_os^5 + C_1C_2dL_1R_2r_os^4 + C_2C_1C_3dL_1L_1R_2r_os^5 + C_1C_2dL_1R_2r_os^4 + C_2C_1C_3dL_1R_2r_os^5 + C_1C_3dL_1R_2r_os^5 
10.106 INVALID-ORDER-106 Z(s) = \left(L_1 s, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
H(s) = \frac{L_1 L_2 C_3 C_3 C_4 C_4 L_1 L_2 C_3 C_5 C_4 C_4 L_1 L_2 C_3 C_5 C_4 C_4 L_1 L_2 C_3 C_3 C_4 L_1 L_2 C_3 C_5 C_4 C_4 L_4 L_2 C_3 C_5 C_4 C_4 L_4 L_4 C_2 C_3 C_4 L_4 L_4 C_4 L_4 L_4 C_4 C_4
10.107 INVALID-ORDER-107 Z(s) = \left(L_1 s, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
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 $H(s) = \frac{-C_2C_LC_{gd}^2L_1L_LR_2r_os^6 - C_2C_LC_{gd}^2L_1R_2R_cr_os^5 - C_2C_LC_{gd}C_{gs}L_1R_2R_cr_os^5 + C_2C_LC_{gd}L_1R_2R_cr_os^5 + C_2C_LC_{gd}L_$

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10.108 INVALID-ORDER-108 Z(s) = \left(L_1 s, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
 H(s) = \frac{1}{C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^5 - C_2 C_L L_1 L_L R_2 R_L r_o s^4 - C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_2 C_{gd} L_1 L_L R_2 R_L r_o s^
10.109 INVALID-ORDER-109 Z(s) = \left(L_1 s, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
 H(s) = \frac{-C_2C_LC_{gd}^2L_1L_LR_2R_Lr_os^6 - C_2C_LC_{gd}C_{gs}L_1L_LR_2R_Lr_os^6 + C_2C_LC_{gd}L_1L_LR_2R_Lr_os^4 + C_2C_LC_{gd}L_1R_2R_Lr_os^4 + C_2C_{gd}L_1R_2R_Lr_os^4 + C_2C_LC_{gd}L_1R_2R_Lr_os^4 + C_2C_LC_{gd}L_1R
 10.110 INVALID-ORDER-110 Z(s) = \left(L_1 s, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
 H(s) = \frac{-C_2C_LC_{qd}^2L_1L_LR_2R_Lr_os^6 - C_2C_LC_{qd}C_{qs}L_1L_LR_2R_Lr_os^6 + C_2C_LC_{qd}L_1L_LR_2R_Lr_os^4 + C_2C_LC_{qd}L_1R_2R_Lr_os^4 + C_2C_LC
10.111 INVALID-ORDER-111 Z(s) = \left(L_1 s, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L\right)
 H(s) = \frac{L_1 R_L s \left( \cup_{gd} s - g_m \right) \left( \cup_{2} R_2 g_m r_o s + \cup_{2} R_2 s + \cup_{2} r_o s + g_m r_o s + U_2 r_o
 10.112 INVALID-ORDER-112 Z(s) = \left(L_1 s, \ R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{1}{C_L s}\right)
L_{1}s\left(C_{gd}s-g_{m}\right)\left(C_{2}R_{2}g_{m}r_{o}s+C_{2}R_{2}s+C_{2}r_{o}s+g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}s+C_{2}R_{2}s+C_{2}r_{o}s+g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}s+C_{2}R_{2}s+C_{2}r_{o}s+g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}s+C_{2}R_{2}s+C_{2}r_{o}s+g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}s+C_{2}R_{2}s+C_{2}r_{o}s+g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}s+C_{2}R_{2}s+C_{2}r_{o}s+g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}s+C_{2}R_{2}s+C_{2}r_{o}s+g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}s+C_{2}R_{2}s+C_{2}r_{o}s+g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}s+C_{2}R_{2}s+C_{2}r_{o}s+g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}s+C_{2}R_{2}s+C_{2}r_{o}s+g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}s+C_{2}R_{2}s+C_{2}r_{o}s+g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}s+C_{2}R_{2}s+C_{2}r_{o}s+g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}s+C_{2}R_{2}s+C_{2}r_{o}s+g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}s+C_{2}R_{2}s+C_{2}r_{o}s+g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_{2}g_{m}r_{o}+1\right)\left(C_{2}R_
 10.113 INVALID-ORDER-113 Z(s) = \left(L_1 s, \ R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{R_L}{C_L R_L s + 1}\right)
 H(s) = \frac{1}{C_2 C_L C_{gd} C_{gs} L_1 R_2 R_L r_o^2 s^5 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_2 C_L C_{gd} L_1 R_2 R_
 10.114 INVALID-ORDER-114 Z(s) = \left(L_1 s, \ R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ R_L + \frac{1}{C_L s}\right)
 H(s) = \frac{1}{C_2C_LC_{ad}^2C_{gs}L_1R_2R_Lr_o^2s^6 + C_2C_LC_{gd}L_1R_2R_Lr_os^5 + C_2C_LC_{gd}
10.115 INVALID-ORDER-115 Z(s) = \left(L_1 s, \ R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ L_L s + \frac{1}{C_L s}\right)
H(s) = \frac{1}{C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_2 r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s
10.116 INVALID-ORDER-116 Z(s) = \left(L_1 s, \ R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{L_L s}{C_L L_L s^2 + 1}\right)
 H(s) = \frac{H(s)}{C_2C_LC_{gd}C_{gs}L_1L_LR_2r_o^2s^6 + C_2C_LC_{gd}L_1L_LR_2r_os^5 + C_2C_LC_{gd
 10.117 INVALID-ORDER-117 Z(s) = \left(L_1 s, \ R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ L_L s + R_L + \frac{1}{C_L s}\right)
H(s) = \frac{H(s)}{C_2C_LC_{ad}^2C_{gs}L_1L_LR_2r_o^2s^7 + C_2C_LC_{ad}^2C_{gs}L_1R_2R_Lr_os^5 + C_2C_LC_{ad}^2L_1L_LR_2r_os^6 +
10.118 INVALID-ORDER-118 Z(s) = \left(L_1 s, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
 H(s) = \frac{H(s)}{C_2 C_L C_{ad} C_{as} L_1 L_L R_2 R_L r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_L R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_L R_2 R_L r_o s^5 + C_2 C_L R_2 R_L
10.119 INVALID-ORDER-119 Z(s) = \left(L_1 s, \ R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
 H(s) = \frac{1}{C_2C_LC_{qd}^2C_{qs}L_1L_LR_2R_Lr_o^2s^7 + C_2C_LC_{qd}^2L_1L_LR_2R_Lr_os^6 + C_2C_LC_{qd}^2L_LR_2R_Lr_os^6 +
10.120 INVALID-ORDER-120 Z(s) = \left(L_1 s, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
 H(s) = \frac{1}{C_2 C_L C_{ad}^2 C_{qs} L_1 L_L R_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_
 10.121 INVALID-ORDER-121 Z(s) = \left(L_1 s, \ L_2 s + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ R_L\right)
 H(s) = \frac{L_1 R_L s \left( C_{gd} s - g_m \right) \left( C_2 L_2 g_m r_o s^2 + C_2 r_o s + g_m r_o s^2 + C_2 r_o s + g_m r_o s^2 + C_2 r_o s + g_m r_o s^2 + C_2 r_o s^2
 10.122 INVALID-ORDER-122 Z(s) = \left(L_1 s, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       L_1s\left(C_{gd}s-g_m\right)\left(C_2L_2g_mr_os^2+C_2L_2s^2+C_2r_os+g_mr_o+1\right)
 H(s) = \frac{L_1s \left( C_{gd}s - g_m \right) \left( C_2 L_2 g_m r_o s + C_2 L_2 s + C_2 r_o s + g_m r_o + 1 \right)}{C_2 C_L C_{gd} C_{gs} L_1 L_2 r_o^2 s^6 + C_2 C_L C_{gd} L_1 L_2 r_o s^5 + C_2 C_{gd} L_1 L_
10.123 INVALID-ORDER-123 Z(s) = \left(L_1 s, \ L_2 s + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{R_L}{C_L R_L s + 1}\right)
 H(s) = \frac{H(s) = \frac{1}{C_2 C_L C_{ad} C_{as} L_1 L_2 R_L r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L
10.124 INVALID-ORDER-124 Z(s) = \left(L_1 s, \ L_2 s + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ R_L + \frac{1}{C_L s}\right)
 H(s) = \frac{H(s)}{C_2 C_L C_{ad}^2 C_{qs} L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_
10.125 INVALID-ORDER-125 Z(s) = \left(L_1 s, \ L_2 s + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ L_L s + \frac{1}{C_L s}\right)
 H(s) = \frac{H(s)}{C_2 C_L C_{ad}^2 C_{gs} L_1 L_2 L_L r_o^2 s^8 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_1 L_2 L_L r_o s^7 + C_2 C_L C_{gd}^2 L_2 L_L r_o s^7
 10.126 INVALID-ORDER-126 Z(s) = \left(L_1 s, \ L_2 s + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{L_L s}{C_L L_L s^2 + 1}\right)
 H(s) = \frac{H(s) = \frac{H(s)}{C_2 C_L C_{qd} C_{qs} L_1 L_2 L_L r_o^2 s^7 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd} L_1 L_2 L_L r_o s^6 + C_2 C_L C_{qd
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10.127 INVALID-ORDER-127 Z(s) = \left(L_1 s, \ L_2 s + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ L_L s + R_L + \frac{1}{C_L s}\right)
 H(s) = \frac{1}{C_2C_LC_{qd}^2C_{gs}L_1L_2L_Lr_o^2s^8 + C_2C_LC_{qd}^2C_{gs}L_1L_2L_Lr_os^5 + C_2C_LC_{qd}^2L_1L_2L_Lr_os^5 + C_
 10.128 INVALID-ORDER-128 Z(s) = \left(L_1 s, \ L_2 s + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
 H(s) = \frac{1}{C_2C_LC_{qd}C_{qs}L_1L_2L_LR_Lr_os^5 + C_2C_LC_{qd}L_1L_2L_LR_Lr_os^5 + C_2C_LC_{qd}L
10.129 INVALID-ORDER-129 Z(s) = \left(L_1 s, \ L_2 s + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
 H(s) = \frac{1}{C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 L_L R_L r_o^2 s^8 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_L r_o s^6 + C_2 C_L C_{gd}^2 L_2 L_L R_L r_o s^6 +
 10.130 INVALID-ORDER-130 Z(s) = \left(L_1 s, \ L_2 s + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
H(s) = \frac{1}{C_2C_LC_{ad}^2C_{gs}L_1L_2L_LR_Lr_o^2s^8 + C_2C_LC_{ad}^2L_1L_2L_LR_Lr_os^6 + C_2C_LC_{ad}^2L_LR_Lr_os^6 + C_2C_LC_{ad}^2L_LR_Lr_os^6 + C_2C_L
 10.131 INVALID-ORDER-131 Z(s) = \left(L_1 s, \ L_2 s + R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ R_L\right)
 H(s) = \frac{1}{C_2 C_{ad}^2 C_{gs} L_1 L_2 R_L r_o^2 s^6 + C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o s^4 + C_2 C_{gd}^2 L_1 L_2 
10.132 INVALID-ORDER-132 Z(s) = \left(L_1 s, \ L_2 s + R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{1}{C_L s}\right)
 H(s) = \frac{1}{C_2C_LC_{qd}C_{qs}L_1L_2r_o^2s^6 + C_2C_LC_{qd}L_1R_2r_o^2s^5 + C_2C_LC_{qd}L_1L_2g_mr_os^5 + C_2C_LC_{qd}L_1L_2g_mr_os^5 + C_2C_LC_{qd}L_1L_2g_mr_os^5 + C_2C_LC_{qd}L_1L_2g_mr_os^5 + C_2C_LC_{qd}L_1R_2g_mr_os^5 + C_2C_LC_{qd}L_1R_2
10.133 INVALID-ORDER-133 Z(s) = \left(L_1 s, \ L_2 s + R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{R_L}{C_L R_L s + 1}\right)
 H(s) = \frac{1}{C_2C_LC_{qd}C_{qs}L_1L_2R_Lr_o^2s^6 + C_2C_LC_{qd}L_1R_2R_Lr_o^2s^5 + C_2C_LC_{qd}L_1L_2R_Lr_os^5 + C_2C_LC_{qd}L_1L_2R_Lr_os^5 + C_2C_LC_{qd}L_1L_2R_Lr_os^5 + C_2C_LC_{qd}L_1R_2R_Lr_os^4 + C_2C_LC_{qd}
10.134 INVALID-ORDER-134 Z(s) = \left(L_1 s, \ L_2 s + R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ R_L + \frac{1}{C_L s}\right)
 H(s) = \frac{1}{C_2C_LC_{ad}^2C_{gs}L_1L_2R_Lr_o^2s^7 + C_2C_LC_{ad}^2C_{gs}L_1R_2R_Lr_o^2s^6 + C_2C_LC_{ad}^2L_1R_2R_Lr_os^5 + 
10.135 INVALID-ORDER-135 Z(s) = \left(L_1 s, \ L_2 s + R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ L_L s + \frac{1}{C_L s}\right)
H(s) = \frac{1}{C_2C_LC_{qd}^2C_{qs}L_1L_2L_Lr_o^2s^8 + C_2C_LC_{qd}^2C_{qs}L_1L_2L_Lr_os^5 + C_2C_LC_{qd}^2L_1L_2L_Lr_os^5 + C_2C_LC_{qd}^2L_1L_2L_2r_os^5 + C_2C_LC_{qd}^2L_2L_2r_os^5 + C_2C_
10.136 INVALID-ORDER-136 Z(s) = \left(L_1 s, \ L_2 s + R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{L_L s}{C_L L_L s^2 + 1}\right)
 H(s) = \frac{1}{C_2 C_L C_{ad} C_{as} L_1 L_2 L_2 r_o^2 s^7 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 L_2 r_o^2 s^6
10.137 INVALID-ORDER-137 Z(s) = \left(L_1 s, \ L_2 s + R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ L_L s + R_L + \frac{1}{C_L s}\right)
 H(s) = \frac{H(s) = \frac{1}{C_2 C_L C_{ad}^2 C_{qs} L_1 L_2 L_1 r_o^2 s^8 + C_2 C_L C_{ad}^2 C_{qs} L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2
10.138 INVALID-ORDER-138 Z(s) = \left(L_1 s, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
 H(s) = \frac{1}{C_2C_LC_{qd}C_{qs}L_1L_2L_LR_Lr_o^2s^7 + C_2C_LC_{qd}L_1L_LR_Lr_os^6 + C_2C_LC_{qd
10.139 INVALID-ORDER-139 Z(s) = \left(L_1 s, \ L_2 s + R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
H(s) = \frac{1}{C_2 C_L C_{ad}^2 C_{gs} L_1 L_2 L_L R_L r_o^2 s^8 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_L L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_L R_L r_o s^6 + C_2 C
10.140 INVALID-ORDER-140 Z(s) = \left(L_1 s, \ L_2 s + R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
 H(s) = \frac{H(s)}{C_2 C_L C_{ad}^2 C_{gs} L_1 L_2 L_L R_L r_o^2 s^8 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_2 R_L r_o^2 s^7 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 L_2 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_L r_o s^6 + C_2 C_L C_{ad}^2 C_{gs} L_1 
 10.141 INVALID-ORDER-141 Z(s) = \left(L_1 s, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, R_L\right)
H(s) = \frac{1}{C_2 C_{ad}^2 C_{gs} L_1 L_2 R_2 R_L r_o^2 s^6 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1
 10.142 INVALID-ORDER-142 Z(s) = \left(L_1 s, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{1}{C_L s}\right)
 H(s) = \frac{H(s) = \frac{1}{C_2 C_L C_{gd} C_{gs} L_1 L_2 R_2 r_o^2 s^6 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o^2 s^5 +
10.143 INVALID-ORDER-143 Z(s) = \left(L_1 s, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
 H(s) = \frac{H(s) = \frac{1}{C_2 C_L C_{ad} C_{as} L_1 L_2 R_2 R_L r_o^2 s^6 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_L C_{ad} L_1 L_2 R_L r_o s
10.144 INVALID-ORDER-144 Z(s) = \left(L_1 s, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
H(s) = \frac{1}{C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_2 R_L r_o^2 s^7 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_
 10.145 INVALID-ORDER-145 Z(s) = \left(L_1 s, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
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 $H(s) = \frac{1}{C_2 C_L C_{ad}^2 C_{gs} L_1 L_2 L_L R_2 r_o^2 s^8 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 r_o s^7 + C_$

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10.146 INVALID-ORDER-146 Z(s) = \left(L_1 s, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
 H(s) = \frac{1}{C_2C_LC_{gd}C_{gs}L_1L_2L_LR_2r_o^2s^7 + C_2C_LC_{gd}L_1L_2L_LR_2r_o^2s^6 + C_2C_LC_{gd}LR_2r_o^2s^6 + C_2C_LC_{gd}LR_2r
 10.147 INVALID-ORDER-147 Z(s) = \left(L_1 s, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
 H(s) = \frac{1}{C_2C_LC_{gd}^2C_{gs}L_1L_2L_LR_2r_o^2s^8 + C_2C_LC_{gd}^2C_{gs}L_1L_2R_Lr_os^6 + C_2C_LC_{gd}^
10.148 INVALID-ORDER-148 Z(s) = \left(L_1 s, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
H(s) = \frac{1}{C_2C_LC_{gd}C_{gs}L_1L_2L_LR_2R_Lr_o^2s^7 + C_2C_LC_{gd}L_1L_2L_LR_2R_Lr_o^2s^6 + C_2C_LC_{gd}
 10.149 INVALID-ORDER-149 Z(s) = \left(L_1 s, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
 H(s) = \frac{1}{C_2C_LC_{gd}^2C_{gs}L_1L_2L_LR_2R_Lr_o^2s^8 + C_2C_LC_{gd}L_1L_2L_LR_2R_Lr_os^7 + C_2C_L
  10.150 INVALID-ORDER-150 Z(s) = \left(L_1 s, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
 H(s) = \frac{1}{C_2C_LC_{gd}^2C_{gs}L_1L_2L_LR_2R_Lr_o^2s^6 + C_2C_LC_{gd}L_1L_2L_LR_2R_Lr_os^7 + C_2C_L
10.151 INVALID-ORDER-151 Z(s) = \left(L_1 s, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \infty, R_L\right)
 H(s) = \frac{1}{C_2C_{qd}^2C_{gs}L_1L_2R_2R_Lr_o^2s^6 + C_2C_{qd}^2L_1L_2R_2R_Lr_os^5 + C_2C_{qd}L_1L_2R_2R_Lr_os^5 + C_2C_{qd}L_1L_2R_Lr_os^5 + C_2C_{q
10.152 INVALID-ORDER-152 Z(s) = \left(L_1 s, \frac{R_2\left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
   H(s) = \frac{1}{C_2C_LC_{gd}C_{gs}L_1L_2R_2r_o^2s^6 + C_2C_LC_{gd}L_1L_2R_2r_o^2s^6 + C_2C_LC_{gd}L_1L_2R_2r_os^5 + C_2C_LC_{gd}
10.153 INVALID-ORDER-153 Z(s) = \left(L_1 s, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
  H(s) = \frac{1}{C_2C_LC_{gd}C_{gs}L_1L_2R_2R_Lr_o^2s^6 + C_2C_LC_{gd}L_1L_2R_2R_Lr_os^5 + C_2C_LC_{gd}L_1L_2R_Lr_os^5 + C_2C_LC_{gd}Lr
10.154 INVALID-ORDER-154 Z(s) = \left(L_1 s, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
  H(s) = \frac{1}{C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_2 R_L r_o^2 s^7 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_2 C_L C_{gd}^2 L_1 L_
 10.155 INVALID-ORDER-155 Z(s) = \left(L_1 s, \frac{R_2\left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
   H(s) = \frac{1}{C_2C_LC_{gd}^2C_{gs}L_1L_2L_LR_2r_o^2s^8 + C_2C_LC_{gd}^2L_1L_2L_LR_2r_os^7 + C_2C_LC_{gd}L_1L_2L_LR_2r_os^6 + C_2C_LC_{gd}L_1L_2L_LR_2r_os^6 + C_2C_LC_{gd}L_1L_2L_LR_2r_os^6 + C_2C_LC_{gd}L_1L_2L_LR_2r_os^6 + C_2C_LC_{gd}L_1L_2L_LR_2r_os^6 + C_2C_LC_{gd}L_1L_2L_LR_2r_os^6 + C_2C_LC_{gd}L_1L_2L_Rr_os^6 + C_2C_LC_{gd}L_1L
 10.156 INVALID-ORDER-156 Z(s) = \left(L_1 s, \frac{R_2\left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
  H(s) = \frac{1}{C_2C_LC_{gd}C_{gs}L_1L_2L_LR_2r_o^2s^7 + C_2C_LC_{gd}L_1L_2L_LR_2r_o^2s^6 + C_2C_LC_{gd}L_2r_o^2s^6 + C_2C_LC_{gd}L_2r_o^2s^6 + C_2C_LC_{gd}L_
  10.157 INVALID-ORDER-157 Z(s) = \left(L_1 s, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
  H(s) = \frac{1}{C_2C_LC_{ad}^2C_{gs}L_1L_2L_LR_2r_o^2s^8 + C_2C_LC_{ad}^2C_{gs}L_1L_2L_LR_2r_os^7 + C_2C_LC_{ad}^2L_2L_LR_2r_os^7 + C_2C_LC_{ad}^2L_2L_LR_2r_os^
 10.158 INVALID-ORDER-158 Z(s) = \left(L_1 s, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
   H(s) = \frac{1}{C_2C_LC_{gd}C_{gs}L_1L_2L_LR_2R_Lr_o^2s^7 + C_2C_LC_{gd}L_1L_2L_LR_2R_Lr_os^6 + C_2C_LC_
  10.159 INVALID-ORDER-159 Z(s) = \left(L_1 s, \frac{R_2\left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
 H(s) = \frac{1}{C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 L_L R_2 R_L r_o^{28} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_1 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_2 L_L R_2 R_L r_o^{27} + C_2 C_L C_{gd}^2 L_2 L_L R_2 R_L r_o^
 10.160 INVALID-ORDER-160 Z(s) = \left(L_1 s, \frac{R_2\left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \infty, \frac{R_L\left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
  H(s) = \frac{1}{C_2 C_L C_{ad}^2 C_{qs} L_1 L_2 L_L R_2 R_L r_o^2 s^8 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_{ad}^2 L_2 L_L R_2 R_L r_o s^7 + C_2 C_L C_
  10.161 INVALID-ORDER-161 Z(s) = \left(\frac{1}{C_1 s}, R_2, \infty, \infty, \infty, R_L\right)
                      H(s) = \frac{R_L \left( C_{gd}s - g_m \right) \left( R_2 g_m r_o + R_2 + r_o \right)}{C_1 C_{gd}^2 R_2 R_L r_o s^3 - C_1 C_{gd} R_2 R_L r_o s^2 + C_1 C_{gd} R_2 R_L r_o s^2 + C_1 R_2 R_L r_o s^2 + C_1 R_2 R_L r_o s^2 + C_1 R_2 R_L r_o s^2 + C_2 R_2 R_L r_o s^2 +
  10.162 INVALID-ORDER-162 Z(s) = \left(\frac{1}{C_1 s}, R_2, \infty, \infty, \infty, \frac{1}{C_L s}\right)
                                                                        H(s) = \frac{(C_{gd}s - g_{m})(R_{2}g_{m}r_{o} + R_{2}g_{m}r_{o} + R
  10.163 INVALID-ORDER-163 Z(s) = \left(\frac{1}{C_1 s}, R_2, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
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10.164 INVALID-ORDER-164 $Z(s) = \left(\frac{1}{C_1 s}, R_2, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)$ **10.165** INVALID-ORDER-165 $Z(s) = \left(\frac{1}{C_1 s}, R_2, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)$ $H(s) = \frac{\left(C_{gds} - g_{m}\right)\left(C_{L}L_{s}^{2} + 1\right)\left(R_{2}g_{m}r_{o} + R_{2} + r_{o}\right)}{s\left(C_{1}C_{L}C_{gd}^{2}L_{L}R_{2}r_{o}s^{4} - C_{1}C_{L}C_{gd}L_{L}R_{2}g_{m}r_{o}s^{3} + C_{1}C_{L}C_{gd}L_{L}R_{2}g_{m}r_{o}s^{2} - C_{1}C_{L}L_{L}g_{m}r_{o}s^{2} - C_{1}C_{L}L_{L}g_{m}r_{o}s^{2} - C_{1}C_{L}L_{L}g_{m}r_{o}s^{2} + C_{L}C_{gd}L_{L}R_{2}g_{m}r_{o}s^{2} + C_{L}C_{$ $(C_{gd}s - g_m)(C_L L_L s^2 + 1)(R_2 g_m r_o + R_2 + r_o)$ **10.166** INVALID-ORDER-166 $Z(s) = \left(\frac{1}{C_1 s}, R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)$ $H(s) = \frac{L_L s \left(C_{gd} s - g_m \right) \left(R_2 g_m r_o + R_2 + r_o \right)}{C_1 C_L C_{ad} L_L R_2 r_o s^4 - C_1 C_L L_L R_2 g_m r_o s^3 + C_L C_{ad} L_L R_2 r_o s^3 +$ **10.167** INVALID-ORDER-167 $Z(s) = \left(\frac{1}{C_1 s}, R_2, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)$ $H(s) = \frac{-}{s\left(C_{1}C_{L}C_{gd}^{2}L_{L}R_{2}r_{o}s^{4} + C_{1}C_{L}C_{gd}^{2}R_{2}R_{L}r_{o}s^{3} - C_{1}C_{L}C_{gd}L_{L}R_{2}g_{m}r_{o}s^{2} + C_{1}C_{L}C_{gd}R_{2}R_{L}r_{o}s^{3} + C_{1}C_{L}C_{gd}R_{2}R_{L}r_{o}s^{3} + C_{1}C_{L}C_{gd}R_{2}R_{L}r_{o}s^{3} + C_{1}C_{L}C_{gd}R_{2}R_{L}r_{o}s^{3} + C_{1}C_{L}C_{gd}R_{2}R_{L}r_{o}s^{2} + C_{1}C_{L}C_{gd}R_{L}r_{o}s^{2} + C_{1}C_{L}C_{gd}R_{L}r_{o}s^{$ 10.168 INVALID-ORDER-168 $Z(s) = \left(\frac{1}{C_1 s}, R_2, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_s} + \frac{1}{L_s s}}\right)$ **10.169** INVALID-ORDER-169 $Z(s) = \left(\frac{1}{C_1 s}, R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)$ $H(s) = \frac{1}{C_1 C_L C_{gd}^2 L_L R_2 R_L r_o s^5 - C_1 C_L C_{gd} L_L R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_2 R_L r_o s$ 10.170 INVALID-ORDER-170 $Z(s) = \left(\frac{1}{C_1 s}, R_2, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)$ $H(s) = \frac{1}{C_1 C_2 C_{ad}^2 L_L R_2 R_L r_o s^5 - C_1 C_L C_{ad}^2 L_L R_2 R_L r_o s^4 + C_1$ 10.171 INVALID-ORDER-171 $Z(s) = \left(\frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, \infty, R_L\right)$ 10.172 INVALID-ORDER-172 $Z(s) = \left(\frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s}\right)$ $=\frac{\left(C_{gd}s-g_{m}\right)\left(C_{2}r_{o}s+g_{m}r_{o}+1\right)}{s\left(C_{1}C_{2}C_{gd}r_{o}s^{2}-C_{1}C_{2}g_{m}r_{o}s+C_{1}C_{L}C_{gd}r_{o}s^{2}-C_{1}C_{L}g_{m}r_{o}s+C_{1}C_{L}G_{gd}r_{o}s^{2}-C_{1}C_{L}g_{m}r_{o}s+C_{1}C_{gd}g_{m}r_{o}s+C_{1$ 10.173 INVALID-ORDER-173 $Z(s) = \left(\frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)$ $H(s) = \frac{R_L \left(C_{gd}s - g_m \right) \left(C_2 r_o s + g_m r_o + 1 \right)}{C_1 C_2 C_{gd} R_L r_o s^3 - C_1 C_2 R_L g_m r_o s^2 + C_1 C_{gd} R_L r_o s^3 - C_1 C_2 R_L g_m r_o s^2 + C_1 C_{gd} R_L r_o s^3 - C_1 C_2 R_L g_m r_o s^2 + C_1 C_{gd} R_L r_o s^3 - C_1 C_2 R_L g_m r_o s^2 + C_1 C_{gd} R_L r_o s^3 - C_1 C_2 R_L g_m r_o s^2 + C_1 C_{gd} R_L r_o s^3 - C_2 C_2 R_L g_m r_o s^2 + C_2 C_$ 10.174 INVALID-ORDER-174 $Z(s) = \left(\frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)$ $(C_{gd}s - g_m)(C_LR_Ls + 1)(C_2r_os + g_mr_o + 1)$ $H(s) = \frac{(C_{gd}s - g_m)\left(C_LR_Ls + 1\right)\left(C_2r_os + g_mr_o + 1\right)}{s\left(C_1C_2C_LC_{gd}R_Lr_os^3 - C_1C_2C_LR_Lg_mr_os^2 + C_1C_LG_{gd}R_Lr_os^3 - C_1C_LC_{gd}R_Lg_mr_os^2 + C_1C_LG_{gd}R_Lg_mr_os^2 + C_1C_LG_{gd$ 10.175 INVALID-ORDER-175 $Z(s) = \left(\frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)$ $H(s) = \frac{\left(C_{gds} - g_{m}\right)\left(C_{L}L_{s}^{2} + 1\right)\left(C_{2}r_{o}s + g_{m}r_{o} + 1\right)}{s\left(C_{1}C_{2}C_{L}C_{gd}L_{L}r_{o}s^{4} - C_{1}C_{L}C_{gd}L_{L}r_{o}s^{3} + C_{1}C_{L}C_{gd}L_{L}g_{m}r_{o}s^{3} + C_{1}C_{L}C_{gd}L_{L}g_{m}r_{o}s^{3} + C_{1}C_{L}C_{gd}L_{L}g_{m}r_{o}s^{3} + C_{1}C_{L}C_{gd}C_{gs}L_{L}r_{o}s^{4} + C_{1}C_$ $(C_{gd}s - g_m) (C_L L_L s^2 + 1) (C_2 r_o s + g_m r_o + 1)$ 10.176 INVALID-ORDER-176 $Z(s) = \left(\frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)$ $H(s) = \frac{L_{L}s\left(C_{gd}s - g_{m}\right)\left(C_{2}r_{o}s + g_{m}r_{o} + 1\right)}{C_{1}C_{2}C_{gd}L_{L}r_{o}s^{4} - C_{1}C_{2}L_{L}g_{m}r_{o}s^{3} + C_{1}C_{2}L_{L}g_{m}r_{o}s^{$ 10.177 INVALID-ORDER-177 $Z(s) = \left(\frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)$ $H(s) = \frac{}{s\left(C_{1}C_{2}C_{L}C_{gd}L_{L}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}R_{L}r_{o}s^{3} - C_{1}C_{L}C_{gd}R_{L}r_{o}s^{3} + C_{1}C_{L}C_{gd}R_{L}r_{o}s^{3} - C_{1}C_{L}C_{gd}R_{L}r_{o}s^{3} + C_{1}C_{L}C_{g$ 10.178 INVALID-ORDER-178 $Z(s) = \left(\frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{B_L} + \frac{1}{L_L s}}\right)$ $H(s) = \frac{L_L R_L s \left(C_{gds} - g \right)}{C_1 C_2 C_{gd} L_L R_L r_o s^4 - C_1 C_2 L_L R_L g_m r_o s^3 + C_1 C_2 d_L L_R L_f r_o s^4 - C_1 C_2 L_L R_L g_m r_o s^3 + C_1 C_2 d_L L_R L_f r_o s^4 - C_1 C_2 d_L L_R L_f r_o s^4 - C_2 C_2 d_L L_R L_f r_o s^4 + C_2 C_{gd} L_L R_L r_o s^4 - C_2 C_2 d_L L_R L_f r_o s^4 + C_2 C_2 d_L L_R L_f r_o s$

10.179 INVALID-ORDER-179 $Z(s) = \left(\frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)$ $H(s) = \frac{H(s)}{C_1C_2C_LC_{gd}L_LR_Lr_os^5 - C_1C_2C_LL_RLg_mr_os^4 + C_1C_2C_{gd}L_LR_Lr_os^5 - C_1C_LLg_mr_os^3 - C_1C_2L_Lg_mr_os^4 + C_1C_LC_{gd}L_LR_Lr_os^5 - C_1C_LC_{gd}L_LR_$

10.180 INVALID-ORDER-180 $Z(s) = \left(\frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)$

 $H(s) = \frac{1}{C_1C_2C_LC_{ad}L_LR_Lr_os^5 - C_1C_2C_LL_RLg_mr_os^4 + C_1C_LC_{gd}L_LR_Lr_os^5 - C_1C_LL_Rg_mr_os^4 + C_1C_LC_{gd}L_Lr_os^4 + C_1C_LC_{$ 10.181 INVALID-ORDER-181 $Z(s) = \left(\frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, R_L\right)$

 $H(s) = \frac{R_L \left(C_{gd}s - g_m \right) \left(C_2 R_2 r_o s + R_2 g_m r_o + R_2 + r_o \right)}{C_1 C_2 C_{gd} R_2 R_L r_o s^3 - C_1 C_2 R_2 R_L g_m r_o s^2 + C_1 C_{gd} R_2 R_L r_o s^3 - C_1 C_2 R_2 R_L g_m r_o s^2 + C_1 C_{gd} R_2 R_L r_o s^3 - C_1 C_{gd} R_2 R_L r_o s^3 + C_2 C_{gd} R_2 R_L r_o s^3 + C_2 C_{gd} R_2 R_L r_o s^3 - C_1 C_{gd} R_2$

10.182 INVALID-ORDER-182 $Z(s) = \left(\frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s+1}, \infty, \infty, \infty, \frac{1}{C_L s}\right)$

- $=\frac{\left(C_{gds}-g_{m}\right)\left(C_{2}R_{2}r_{o}s+R_{2}g_{m}r_{o}+R_{2}+r_{o}\right)}{s\left(C_{1}C_{2}C_{gd}R_{2}r_{o}s^{2}-C_{1}C_{2}R_{2}g_{m}r_{o}s+C_{1}C_{2}G_{2}R_{2}r_{o}s^{2}-C_{1}C_{2}R_{2}g_{m}r_{o}s+C_{1}C_{2}G_{2}R_{2}r_{o}s^{2}+C_{2}C_{2}G_{2}R_{2}r_{o}s^{2}+C_{2}C_{2}G_{2}R_{2}r_{o}s+C_{1}C_{2}$ **10.183** INVALID-ORDER-183 $Z(s) = \left(\frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)$

10.184 INVALID-ORDER-184 $Z(s) = \left(\frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)$

- $H(s) = \frac{}{s\left(C_{1}C_{2}C_{L}C_{gd}R_{2}R_{L}r_{o}s^{3} C_{1}C_{2}C_{L}R_{2}R_{L}g_{m}r_{o}s^{2} + C_{1}C_{L}C_{gd}R_{2}R_{L}r_{o}s^{3} C_{1}C_{L}C_{gd}R_{2}R_{L}r_{o}s^{3} C_{1}C_{L}C_{gd}R_{2}R_{L}r_{o}s^{3} C_{1}C_{L}C_{gd}R_{2}R_{L}r_{o}s^{3} C_{1}C_{L}C_{gd}R_{2}R_{L}r_{o}s^{2} + C_{1}C_{L}C_{gd}R_{2}R_{L}r_{o}s^{3} C_{1}C_{L}C_{gd}R_{2}R_{L}r_{o}s^{3} C_{1}C_{L}C_{gd}R_{2}R_{L}r_{o}s^{3} C_{1}C_{L}C_{gd}R_{2}R_{L}r_{o}s^{3} C_{1}C_{L}C_{gd}R_{2}R_{L}r_{o}s^{3} + C_{1}C_{L}C_{gd}R_{2}r_{o}s^{2} + C_{1}C_{L}C_{gd}R_{2}r_$
- **10.185** INVALID-ORDER-185 $Z(s) = \left(\frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)$
- $H(s) = \frac{-}{s\left(C_{1}C_{2}C_{L}C_{gd}L_{L}R_{2}r_{o}s^{4} C_{1}C_{2}C_{L}L_{L}R_{2}g_{m}r_{o}s^{3} + C_{1}C_{L}C_{gd}L_{L}R_{2}r_{o}s^{4} C_{1}C_{L}C_{gd}L_{L}R_{2}r_{o}s^{4} C_{1}C_{L}C_{gd}L_{L}R_{2}g_{m}r_{o}s + C_{1}C_{L}C_{gd}L_{L}R_{$

10.186 INVALID-ORDER-186 $Z(s) = \left(\frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)$

 $H(s) = \frac{L_{LS} \left(C_{gd} + C_{LS} \left(C_{gd} + C_$

10.187 INVALID-ORDER-187 $Z(s) = \left(\frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)$

10.188 INVALID-ORDER-188 $Z(s) = \left(\frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_s} + \frac{1}{L_s s}}\right)$

 $H(s) = \frac{H(s)}{C_1 C_2 C_{gd} L_L R_2 R_L r_o s^4 - C_1 C_2 L_L R_2 R_L g_m r_o s^3 + C_1 C_2 d_L L_R R_2 R_L r_o s^4 - C_1 C_L L_R R_2 R_L g_m r_o s^3 + C_1 C_2 d_L L_R R_2 R_L r_o s^4 - C_1 C_2 L_L R_2 R_L g_m r_o s^3 + C_1 C_2 d_L L_R R_2 R_L r_o s^4 - C_1 C_2 L_L R_2 R_L g_m r_o s^3 + C_1 C_2 d_L L_R R_2 R_L r_o s^4 - C_1 C_2 L_L R_2 R_L g_m r_o s^3 + C_1 C_2 d_L L_R R_2 R_L r_o s^4 - C_1 C_2 d_L L_R R_2 R_L r_o s^4 - C_1 C_2 d_L R_2 R_L r_o s^4$

10.189 INVALID-ORDER-189 $Z(s) = \left(\frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)$

 $H(s) = \frac{1}{C_1 C_2 C_L C_{qd} L_L R_2 R_L r_o s^5 - C_1 C_2 C_L L_L R_2 R_L g_m r_o s^4 + C_1 C_2 C_{qd} L_L R_2 r_o s^4 + C_1 C_$

10.190 INVALID-ORDER-190 $Z(s) = \left(\frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)$

 $H(s) = \frac{H(s)}{C_1 C_2 C_L C_{gd} L_L R_2 R_L r_o s^5 - C_1 C_2 C_L L_L R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_2$

10.191 INVALID-ORDER-191 $Z(s) = \left(\frac{1}{C_{1}s}, R_2 + \frac{1}{C_{2}s}, \infty, \infty, \infty, R_L\right)$

 $H(s) = \frac{R_L \left(C_{gd}s - g_m \right) \left(C_2 R_2 g_m r_o s + C_2 R_2 s + C_2 r_o s + g_m r_o + 1 \right)}{C_1 C_2 C_{gd}^2 R_2 R_L r_o s^4 - C_1 C_2 C_{gd} R_2 R_L r_o s^3 + C_2 C_{gd} R_2 R_L r_o s^$

10.192 INVALID-ORDER-192 $Z(s) = \left(\frac{1}{C_1 s}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s}\right)$

10.193 INVALID-ORDER-193 $Z(s) = \left(\frac{1}{C_1 s}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)$

 $H(s) = \frac{1}{C_1 C_2 C_L C_{ad} R_2 R_L r_o s^4 - C_1 C_2 C_L R_2 R_L g_m r_o s^3 + C_1 C_2 C_{ad} R_2 R_L r_o s^4 - C_1 C_2 C_{ad} R_2 R_L r_o s^3 + C_1 C_2 C_{ad} R_2 R_L r_o s^3 + C_1 C_2 C_{ad} R_2 R_L r_o s^3 + C_2 C_L C_{ad} R_2 R_L r_o s^3 + C_1 C_2 C_{ad} R_2 R_L r_o s^3 + C_2 C_L C_{ad}$

10.194 INVALID-ORDER-194 $Z(s) = \left(\frac{1}{C_1 s}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)$

- $H(s) = \frac{H(s) = \frac{1}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}R_{2}R_{L}r_{o}s^{4} C_{1}C_{2}C_{L}C_{gd}R_{2}R_{L}r_{o}s^{3} + C_{1}C_{L}C_{gd}R_{L}r_{o}s^{3} + C_{1}C_{L}C_{gd}R_{L}r_{$
- **10.195** INVALID-ORDER-195 $Z(s) = \left(\frac{1}{C_1 s}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)$
- $H(s) = \frac{}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}L_{L}R_{2}r_{o}s^{5} C_{1}C_{2}C_{L}C_{gd}L_{L}R_{2}r_{o}s^{5} + C_{1}C_{L}C_{gd}L_{L}R_{2}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}L_{L}R_{2}r_{o}s^{3} C_{1}C_{L}C_{gd}L_{L}R_{2}r_{o}s^{4} + C_{1}C_{L}C_{gd}L_{L}R$

10.196 INVALID-ORDER-196 $Z(s) = \left(\frac{1}{C_1 s}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)$

 $H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_L R_2 r_o s^5 - C_1 C_2 C_L L_L R_2 g_m r_o s^4 + C_1 C_2 C_{gd} L_L R_2 r_o s^5 - C_1 C_2 L_L R_2 g_m r_o s^4 + C_1 C_2 C_{gd} L_L R_2 r_o s^5 - C_1 C_2 L_L R_2 g_m r_o s^4 + C_1 C_2 C_{gd} L_L R_2 r_o s^5 - C_1 C_2 L_L R_2 g_m r_o s^4 + C_2 C_L C_{gd} L_L R_2 r_o s^5 - C_1 C_2 L_L R_2 r_o s^5$

10.197 INVALID-ORDER-197 $Z(s) = \left(\frac{1}{C_1 s}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)$

 $H(s) = \frac{-}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}L_{L}R_{2}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}^{2}R_{L}r_{o}s^{4} + C_{1}C_{L}C_{gd}L_{L}R_{2}g_{m}r_{o}s^{2} + C_{1}C_{2}C_{L}C_{gd}R_{L}r_{o}s^{4} + C_{1}C_{L}C_{gd}R_{L}r_{o}s^{4} + C_{1}C_{L}C_{gd}R_{$

10.198 INVALID-ORDER-198 $Z(s) = \left(\frac{1}{C_1 s}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)$

 $H(s) = \frac{H(s)}{C_1 C_2 C_L C_{qd} L_L R_2 R_L r_o s^5 - C_1 C_2 C_L L_L R_2 R_L g_m r_o s^4 + C_1 C_2 C_{qd} L_L R_2$

10.199 INVALID-ORDER-199 $Z(s) = \left(\frac{1}{C_1 s}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)$

 $H(s) = \frac{1}{C_1 C_2 C_L C_{ad}^2 L_L R_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad} L_L R_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_2 r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_2 r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_2 r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_2 r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_2 r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_2 r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_2 r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_2 r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_2 r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_2 r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_2 r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_2 r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_2 r_o s^5 + C_1 C_2 C_L L_L R_2 r_o s^5$

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10.200 INVALID-ORDER-200 Z(s) = \left(\frac{1}{C_1 s}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_2 s}}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{ad}^2 L_L R_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad} L_L R_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_2 r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_2 r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_L r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_L r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_L r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_L r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_L r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_L r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_L r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_L r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_L r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_L r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_L r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_L r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_L r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_L r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_L r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_L r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_L r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_L r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_L r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_L r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_L r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_L r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_L r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_L r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_L r_o s^5 + C_1 C_2 C_L C_{ad} L_L R_L r_o s^5 + C_1 C_2 C_L C_{ad} R_L r_o s^5 + C_1 C_L C_{ad} R_L r_o s^5 + C_1 C_L C_{ad} R_L r_o s^
 10.201 INVALID-ORDER-201 Z(s) = \left(\frac{1}{C_1 s}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \infty, R_L\right)
 H(s) = \frac{R_L \left( C_{gd}s - g_m \right) \left( C_2 L_2 g_m r_o s^2 + C_2 L_2 s^2 + C_2 r_o s + g_m r_o + 1 \right)}{C_1 C_2 C_{gd}^2 L_2 R_L r_o s^5 - C_1 C_2 C_{gd} L_2 R_L r_o s^5 - C_1 C_2 C_{gd} L_2 R_L r_o s^3 - C_1 C_2 L_2 g_m r_o s^3 + C_2 C_{gd} L_2 R_L r_o s^3 - C_1 C_2 L_2 g_m r_o s^3 + C_2 C_{gd} L_2 R_L r_o s^3 - C_1 C_2 L_2 g_m r_o s^3 + C_2 C_{gd} L_2 R_L r_o s^3 - C_1 C_2 L_2 g_m r_o s^3 + C_2 C_{gd} L_2 R_L r_o s^3 - C_1 C_2 L_2 g_m r_o s^3 + C_2 C_{gd} L_2 R_L r_o s^3 - C_1 C_2 L_2 g_m r_o s^3 + C_2 C_{gd} L_2 R_L r_o s^3 - C_1 C_2 L_2 g_m r_o s^3 + C_2 C_{gd} L_2 R_L r_o s^3 - C_1 C_2 L_2 g_m r_o s^3 + C_2 C_{gd} L_2 R_L r_o s^3 - C_1 C_2 L_2 g_m r_o s^3 + C_2 C_{gd} L_2 R_L r_o s^3 - C_1 C_2 L_2 g_m r_o s^3 + C_2 C_{gd} L_2 R_L r_o s^3 - C_1 C_2 L_2 g_m r_o s^3 + C_2 C_{gd} L_2 R_L r_o s^3 - C_1 C_2 L_2 g_m r_o s^3 + C_2 C_{gd} L_2 R_L r_o s^3 - C_1 C_2 L_2 g_m r_o s^3 + C_2 C_{gd} L_2 R_L r_o s^3 - C_1 C_2 L_2 g_m r_o s^3 + C_2 C_{gd} L_2 R_L r_o s^3 - C_1 C_2 L_2 g_m r_o s^3 + C_2 C_{gd} L_2 R_L r_o s^3 - C_1 C_2 L_2 g_m r_o s^3 + C_2 C_{gd} L_2 R_L r_o s^3 - C_1 C_2 L_2 g_m r_o s^3 + C_2 C_{gd} L_2 R_L r_o s^3 - C_1 C_2 L_2 g_m r_o s^3 + C_2 C_{gd} L_2 R_L r_o s^3 - C_1 C_2 L_2 g_m r_o s^3 + C_2 C_{gd} L_2 R_L r_o s^3 - C_2 C_{gd} L_2 R_L r_o s^3 - C_2 C_{gd} L_2 R_L r_o s^3 + C_2 C_{gd} L_2 
 10.202 INVALID-ORDER-202 Z(s) = \left(\frac{1}{C_1 s}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
 10.203 INVALID-ORDER-203 Z(s) = \left(\frac{1}{C_1 s}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{od} L_2 R_L r_o s^5 - C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_{od} L_2 R_L g_m r_o s^4 + C_1 C_2 C_{od} L_2 R_L g_m r_o s^4 + C_1 C_2 C_{od} L_2 R_L g_m r_o s^4 + C_1 C_2 C_{od} L_2 R_L g_m r_o s^4 + C_1 C_2 C_{od} L_2 R_L g_m r_o s^4 + C_1 C_2 C_{od} L_2 R_L g_m r_o s^4 + C_1 C_2 C_{od} L_2 R_L g_m r_o s^4 + C_1 C_2 C_{od} L_2 R_L g_m r_o s^4 + C_1 C_2 C_{od} L_2 R_L g_m r_o s^4 + C_1 C_2 C_{od} L_2 R_L g_m r_o s^4 + C_1 C_2 C_{od} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_L g_m r_o s^4 + 
 10.204 INVALID-ORDER-204 Z(s) = \left(\frac{1}{C_1 s}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
  H(s) = \frac{-}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}L_{2}R_{L}r_{o}s^{5} - C_{1}C_{2}C_{L}C_{gd}L_{2}R_{L}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}L_{2}R_{L}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}L_{2}R_{L}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}L_{2}R_{L}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}R_{L}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}R_{L}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}R_{L}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}R_{L}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}R_{L}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}R_{L}r_{o}s^{4} + C_{1}C_{L}C_{gd}R_{L}r_{o}s^{4} + C_{1}C_
 10.205 INVALID-ORDER-205 Z(s) = \left(\frac{1}{C_1 s}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
  H(s) = \frac{}{s\left(C_{1}C_{2}C_{L}C_{qd}^{2}L_{2}L_{L}r_{o}s^{6} - C_{1}C_{2}C_{L}C_{gd}L_{2}L_{L}g_{m}r_{o}s^{3} + C_{1}C_{2}C_{L}C_{gd}L_{2}L_{L}g_{m}s^{4} - C_{1}C_{2}C_{L}C_{gd}L_{2}r_{o}s^{4} + C_{1}C_{L}C_{gd}L_{2}r_{o}s^{4} + C_{1}C_{L}C_{gd}L_{2}r_
10.206 INVALID-ORDER-206 Z(s) = \left(\frac{1}{C_1 s}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{ad} L_2 L_L r_o s^6 - C_1 C_2 C_L L_2 L_L g_m r_o s^5 + C_1 C_2 C_{ad} L_2 L_L r_o s^6 - C_1 C_2 L_L g_m r_o s^5 + C_1 C_2 C_{ad} L_2 L_L r_o s^6 - C_1 C_2 L_L g_m r_o s^5 + C_1 C_2 C_{ad} L_2 L_L r_o s^6 + C_2 C_L C_{gd} L_2 L_L r_o s
 10.207 INVALID-ORDER-207 Z(s) = \left(\frac{1}{C_1 s}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
 H(s) = \frac{1}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}L_{2}L_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{2}R_{L}r_{o}s^{5} - C_{1}C_{2}C_{L}C_{gd}L_{2}R_{L}r_{o}s^{4} + C_{1}C_{L}C_{gd}L_{2}R_{L}r_{o}s^{4} + C_{1}C_{L}C_{gd}L_{L}r_{o}s^{4} + C_{1
 10.208 INVALID-ORDER-208 Z(s) = \left(\frac{1}{C_1 s}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_s} + \frac{1}{L_s s}}\right)
 H(s) = \frac{H(s)}{C_1C_2C_LC_{ad}L_2L_LR_Lr_os^6 - C_1C_2C_LL_2L_LR_Lg_mr_os^5 + C_1C_2C_{ad}L_2L_LR_Lg_mr_os^5 + C_1C_2C_{ad}Lg_mr_os^5 + C_1C_2C_{
 10.209 INVALID-ORDER-209 Z(s) = \left(\frac{1}{C_1 s}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
 10.210 INVALID-ORDER-210 Z(s) = \left(\frac{1}{C_1 s}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{ad}^2 L_2 L_L R_L r_o s^7 - C_1 C_2 C_L C_{gd} L_2 L_L R_L g_m r_o s^4 + C_1 C_2 C_L C_{gd} L_2 L_L R_L g_m r_o s^4 + C_1 C_2 C_L C_{gd} L_2 L_L R_L g_m r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_L g_m r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_L g_m r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^5 - C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^5 - C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^5 - C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^5 - C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^5 - C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^5 - C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^5 - C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^5 - C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^5 - C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_L r_o s^5 - C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_L g_m r_o s^4 + C_1 C_2 C_L 
10.211 INVALID-ORDER-211 Z(s) = \left(\frac{1}{C_1 s}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L\right)
 H(s) = \frac{1}{C_1 C_2 C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_{ad}^2 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} R_2 R_L r_o s^4 + C_1 C_2 C_{
 10.212 INVALID-ORDER-212 Z(s) = \left(\frac{1}{C_1 s}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
H(s) = \frac{}{s\left(C_{1}C_{2}C_{L}C_{gd}L_{2}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}R_{2}r_{o}s^{3} - C_{1}C_{2}C_{L}C_{gd}L_{2}g_{m}r_{o}s^{2} + C_{1}C_{2}C_{gd}R_{2}g_{m}r_{o}s^{2} + C_{1}C_{2}C_{gd}L_{2}g_{m}r_{o}s^{2} + C_{1}C_{2}C_{gd}R_{2}g_{m}r_{o}s^{2} + C_{1}C_{2}C_{gd}R_{2}g_{m}r_{o}s^{2}
 10.213 INVALID-ORDER-213 Z(s) = \left(\frac{1}{C_1 s}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} R_2 R_L r_o s^4 + C_1 C_2 C_{gd} R_L 
 10.214 INVALID-ORDER-214 Z(s) = \left(\frac{1}{C_1 s}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
H(s) = \frac{-}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}L_{2}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}R_{2}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}R_{2
 10.215 INVALID-ORDER-215 Z(s) = \left(\frac{1}{C_1 s}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
  H(s) = \frac{H(s) = \frac{1}{s\left(C_{1}C_{2}C_{L}C_{2d}^{2}L_{2}L_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{d}L_{2}L_{L}g_{m}r_{o}s^{3} - C_{1}C_{2}C_{L}C_{d}L_{2}L_{L}g_{m}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{d}L_{L}g_{m}r_{o}s^{4} + C_{1}C_{L}C_{d}L_{L}g_{m}r_{o}s^{4} + C_{1}C_{L}C_{d}L_{L}g_{m}r_{o}s^{4} + C_{1}C_{L}C_{d}L_{L}g_{m}r_{o}s^{4} + C_{1}C_{L}C_{d}L_{L}g_{m}r_{o}
 10.216 INVALID-ORDER-216 Z(s) = \left(\frac{1}{C_1 s}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
 H(s) = \frac{H(s)}{C_1 C_2 C_L C_{gd} L_2 L_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_2 r_o s^5 - C_1 C_2 C_L L_L R_2 g_m r_o s^4 + C_1 C_2 C_{gd} L_L R_2 r_o s^5 - C_1 C_2 C_L L_L R_2 g_m r_o s^4 + C_1 C_2 C_{gd} L_L R_2 r_o s^5 - C_1 C_2 C_L L_L R_2 g_m r_o s^4 + C_1 C_2 C_{gd} L_L R_2 r_o s^5 - C_1 C_2 C_L L_L R_2 g_m r_o s^4 + C_1 C_2 C_{gd} L_L R_2 r_o s^5 - C_1 C_2 C_L L_L R_2 g_m r_o s^4 + C_1 C_2 C_{gd} L_L R_2 r_o s^5 - C_1 C_2 C_L L_L R_2 g_m r_o s^4 + C_1 C_2 C_{gd} L_L R_2 r_o s^5 - C_1 C_2 C_L R_2 r_o s^5 - C_1 C_2 C_L R_2 r_o s^5 - C_1 C_L R_2 r_o s^5 - C_1 C_L R_2 r_o s^5 - C_1 C_L R_2 r_o s
10.217 INVALID-ORDER-217 Z(s) = \left(\frac{1}{C_1 s}, \ L_2 s + R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ L_L s + R_L + \frac{1}{C_L s}\right)
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 $H(s) = \frac{H(s) = \frac{H(s)}{s \left(C_1 C_2 C_L C_{gd}^2 L_2 L_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd}^2 L_2 R_L$

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10.218 INVALID-ORDER-218 Z(s) = \left(\frac{1}{C_1 s}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
   H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_2 L_L R_L r_o s^6 + C_1 C_2 C_L L_2 L_L R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_L R_L r_o s^6 + C_1 C_2 C_{gd} L_L R_L r_o s^4 + C_1 C_2 C_{gd} L_L r_o s^4 + C_1 C_2 C
 10.219 INVALID-ORDER-219 Z(s) = \left(\frac{1}{C_1 s}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
  H(s) = \frac{1}{C_1 C_2 C_L C_{gd}^2 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 r_o s^5 + C_1 C_2 C_L C_L R_2 r_o s^5 + C_1 C_2 C_L C_L R_2 r_o s^5 + C_1 C_2 C_L R_2 r_o s^5 + C_1 C_2 C_L R_2 r_o s^5 + C_1 C_2 C_L R_2 r_o s^5 + C_
 10.220 INVALID-ORDER-220 Z(s) = \left(\frac{1}{C_1 s}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{ad}^2 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_L R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 L_L R_L g_m r_o s^4 + C_1 C_2 C_L C_{ad}^2 L_2 L_L R_L g_m r_o s^4 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_2 R_L r_o s^5 + C_1 C_2 C_L C_{ad}^2 L_
  10.221 INVALID-ORDER-221 Z(s) = \left(\frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, R_L\right)
  H(s) = \frac{1}{C_1 C_2 C_{ad}^2 L_2 R_2 R_L r_o s^5 - C_1 C_2 C_{gd} L_2 R_2 R_L r_o s^5 - C_1 C_2 C_{gd} L_2 R_L r_o s^4 + C_1 C_2 C
  10.222 INVALID-ORDER-222 Z(s) = \left(\frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{1}{C_L s}\right)
  10.223 INVALID-ORDER-223 Z(s) = \left(\frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
 10.224 INVALID-ORDER-224 Z(s) = \left(\frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
10.225 INVALID-ORDER-225 Z(s) = \left(\frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
H(s) = \frac{-}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}L_{2}L_{L}R_{2}r_{o}s^{6} - C_{1}C_{2}C_{L}C_{gd}L_{2}L_{L}R_{2}g_{m}r_{o}s^{3} + C_{1}C_{L}C_{gd}L_{2}L_{L}R_{2}s^{6} + C_{1}C_{L}C_{gd}L_{2}L_{L}R_{2}s^{6} + C_{1}C_{L}C_{gd}L_{L}R_{2}s^{6} + C_{1}C_{
  10.226 INVALID-ORDER-226 Z(s) = \left(\frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
   H(s) = \frac{1}{C_1 C_2 C_L C_{ad} L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_2 L_L R_2 g_m r_o s^5 + C_1 C_2 C_{ad} L_2 L_L R_2 r_o s^6 - C_1 C_2 L_2 L_L R_2 g_m r_o s^5 + C_1 C_2 C_{ad} L_2 L_L R_2 r_o s^6 - C_1 C_2 L_2 L_L R_2 g_m r_o s^5 + C_1 C_2 C_{ad} L_2 L_L R_2 r_o s^6 - C_1 C_2 L_2 L_L R_2 g_m r_o s^5 + C_1 C_2 C_{ad} L_2 L_L R_2 r_o s^6 - C_1 C_2 L_2 L_L R_2 g_m r_o s^5 + C_1 C_2 C_{ad} L_2 L_L R_2 r_o s^6 - C_1 C_2 L_2 L_L R_2 g_m r_o s^5 + C_1 C_2 C_{ad} L_2 L_L R_2 r_o s^6 - C_1 C_2 L_2 L_L R_2 g_m r_o s^5 + C_1 C_2 C_{ad} L_2 L_L R_2 r_o s^6 - C_1 C_2 L_2 L_L R_2 g_m r_o s^5 + C_1 C_2 C_{ad} L_2 L_L R_2 r_o s^6 - C_1 C_2 L_2 L_L R_2 r_o s^6 - C_1 L_2 L_2 L_2 r_o s^6 - C_1 L_2 L_2 L_2 r_o s^6 - C_1 L_2 L_2 L_2 r
  10.227 INVALID-ORDER-227 Z(s) = \left(\frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
  10.228 INVALID-ORDER-228 Z(s) = \left(\frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
 H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}L_{2}L_{L}R_{2}R_{L}r_{o}s^{6} - C_{1}C_{2}C_{L}L_{L}R_{L}R_{g}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{2}L_{L}R_{2}R_{L}r_{o}s^{6} - C_{1}C_{2}C_{L}L_{L}R_{L}R_{g}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{2}L_{L}R_{L}R_{g}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{2}L_{L}R_{g}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{2}L_{L}R_{g}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{2}L_{L}R_{g}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{2}L_{L}R_{g}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{g}L_{g}r_{o}s^{5} + C_{1}C_{gd}L_{g}L_{g}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{g}L_{g}
 10.229 INVALID-ORDER-229 Z(s) = \left(\frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{ad}^2 L_2 L_L R_2 R_L r_o s^7 - C_1 C_2 C_L L_2 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L L_2 L_L R_2 r_o s^6 + C_1 C_2 C
  10.230 INVALID-ORDER-230 Z(s) = \left(\frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
  H(s) = \frac{1}{C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 R_L r_o s^7 - C_1 C_2 C_L C_{gd} L_2 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 C_L C_{gd} L_2 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 C_L C_{gd} L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_
  10.231 INVALID-ORDER-231 Z(s) = \left(\frac{1}{C_1 s}, \frac{R_2\left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, R_L\right)
  H(s) = \frac{1}{C_1 C_2 C_{ad}^2 L_2 R_2 R_L r_o s^5 - C_1 C_2 C_{gd} L_2 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_2 R_L r_o s^4 + C_1 C_2 C
10.232 INVALID-ORDER-232 Z(s) = \left(\frac{1}{C_1 s}, \frac{R_2\left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
 H(s) = \frac{}{s\left(C_{1}C_{2}C_{L}C_{gd}L_{2}R_{2}r_{o}s^{4} - C_{1}C_{2}C_{L}L_{2}R_{2}g_{m}r_{o}s^{3} + C_{1}C_{2}C_{gd}L_{2}R_{2}r_{o}s^{4} + C_{1}C_{2}C_{gd}L_{2}R_{2}g_{m}r_{o}s^{4} + C_{1}C_{2}C_
  10.233 INVALID-ORDER-233 Z(s) = \left(\frac{1}{C_1 s}, \frac{R_2\left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
  H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_2 R_2 R_L r_o s^5 - C_1 C_2 L_2 R_2 R_L r_o s^5 - C_1 C_2 C_{gd} L_2 R_2 R_L r_o s^5 - C_1 C_2 C_{gd} L_2 R_2 R_L r_o s^5 - C_1 C_2 C_{gd} L_2 R_2 R_L r_o s^5 - C_1 C_2 C_{gd} L_2 R_2 R_L r_o s^5 - C_1 C_2 C_{gd} L_2 R_2 R_L r_o s^3 - C_1 C_2 L_2 R_2 R_L r_o s^3 - C_1 C_
10.234 INVALID-ORDER-234 Z(s) = \left(\frac{1}{C_1 s}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
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10.235 INVALID-ORDER-235 $Z(s) = \left(\frac{1}{C_1 s}, \frac{R_2\left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)$

 $H(s) = \frac{}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}L_{2}R_{2}R_{L}r_{o}s^{5} - C_{1}C_{2}C_{L}C_{gd}L_{2}R_{L}r_{o}s^{4} + C_{1}C_{L}C_{gd}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{L}C_{gd}R_{L}r_{o}s^{4} + C_{1}C_{L}C_{$

 $H(s) = \frac{-}{s\left(C_{1}C_{2}C_{L}C_{2}^{2}L_{2}L_{L}R_{2}r_{o}s^{6} - C_{1}C_{2}C_{L}C_{gd}L_{2}L_{L}R_{2}g_{m}r_{o}s^{3} + C_{1}C_{2}C_{L}C_{gd}L_{2}R_{2}r_{o}s^{4} - C_{1}C_{2}C_{L}C_{gd}L_{2}R_{2}$

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10.236 INVALID-ORDER-236 Z(s) = \left(\frac{1}{C_1 s}, \frac{R_2\left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
  H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_2 L_L R_2 g_m r_o s^5 + C_1 C_2 C_{gd} L_2 L_L R_2 r_o s^6 - C_1 C_2 L_2 L_L R_2 g_m r_o s^5 + C_1 C_2 C_{gd} L_2 L_L R_2 r_o s^4 - C_1 C_2 L_2 L_L R_2 g_m r_o s^5 + C_1 C_2 C_{gd} L_2 L_L R_2 r_o s^4 - C_1 C_2 L_2 L_L R_2 g_m r_o s^5 + C_1 C_2 C_{gd} L_2 L_L R_2 r_o s^4 - C_1 C_2 L_2 L_L R_2 g_m r_o s^5 + C_1 C_2 C_{gd} L_2 L_L R_2 r_o s^4 - C_1 C_2 L_2 L_L R_2 g_m r_o s^5 + C_1 C_2 C_{gd} L_2 L_L R_2 r_o s^4 - C_1 C_2 L_2 L_L R_2 g_m r_o s^5 + C_1 C_2 C_{gd} L_2 L_L R_2 r_o s^4 - C_1 C_2 L_2 L_L R_2 g_m r_o s^5 + C_1 C_2 C_{gd} L_2 L_L R_2 r_o s^4 - C_1 C_2 L_2 L_L R_2 g_m r_o s^5 + C_1 C_2 C_{gd} L_2 L_L R_2 r_o s^4 - C_1 C_2 L_2 L_L R_2 g_m r_o s^5 + C_1 C_2 C_{gd} L_2 L_L R_2 r_o s^4 - C_1 C_2 L_2 L_L R_2 g_m r_o s^5 + C_1 C_2 C_{gd} L_2 L_L R_2 r_o s^4 - C_1 C_2 L_2 L_L R_2 g_m r_o s^5 + C_1 C_2 C_{gd} L_2 L_L R_2 r_o s^4 - C_1 C_2 L_2 L_L R_2 g_m r_o s^5 + C_1 C_2 C_{gd} L_2 L_L R_2 r_o s^4 - C_1 C_2 L_2 L_L R_2 r_o s^4 - C_1 C_2 L_L R_2 r_o 
 10.237 INVALID-ORDER-237 Z(s) = \left(\frac{1}{C_1 s}, \frac{R_2\left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
 10.238 INVALID-ORDER-238 Z(s) = \left(\frac{1}{C_1 s}, \frac{R_2\left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{qd} L_2 L_L R_2 R_L r_o s^6 - C_1 C_2 C_L L_2 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_2 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_2 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_2 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_2 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_2 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_2 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_2 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_2 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_2 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_2 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_2 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_2 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_2 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_2 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_2 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_2 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_2 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_2 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_2 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 R_L r_o s^6 - C_1 C_2 C_{qd} L_L R_2 
 10.239 INVALID-ORDER-239 Z(s) = \left(\frac{1}{C_1 s}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
  H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}^{2}L_{2}L_{L}R_{2}R_{L}r_{o}s^{7} - C_{1}C_{2}C_{L}L_{L}R_{2}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}L_{L}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}L_{L}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}L_{L}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}L_{L}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}L_{L}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}L_{L}R_{L}r_{o}s^{6} + C_{1}C_{L}C_{L}L_{L}R_{L}r_{o}s^{6} + C_{1}
 10.240 INVALID-ORDER-240 Z(s) = \left(\frac{1}{C_1 s}, \frac{R_2\left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \infty, \frac{R_L\left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd}^2 L_2 L_L R_2 R_L r_o s^7 - C_1 C_2 C_L C_{gd} L_2 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + 
 10.241 INVALID-ORDER-241 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, R_2, \infty, \infty, \infty, R_L\right)
H(s) = \frac{R_1 R_L \left( C_{gd} s - g_m \right) \left( R_2 g_m r_o + R_2 + r_o \right)}{C_1 C_{gd}^2 R_1 R_2 R_L r_o s^3 - C_1 C_{gd} R_1 R_2 R_L r_o s^2 + C_1 C_{gd} R_1 R_2 R_L r_o s^2 + C_1 C_{gd} R_1 R_2 R_L r_o s^2 + C_2 dR_1 R_2 R_L r_o s^2 + C_2 d
 10.242 INVALID-ORDER-242 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, R_2, \infty, \infty, \infty, \frac{1}{C_L s}\right)
 H(s) = \frac{R_1 \left( C_{gd}s - g_m \right) \left( R_2 g_m r_o + R_2 + r_o \right)}{C_1 C_L C_{gd} R_1 R_2 r_o s^3 - C_1 C_L R_1 R_2 g_m r_o s^2 + C_L C_{gd} R_1 R_2 r_o s^3 - C_1 C_L R_1 R_2 g_m r_o s^2 + C_L C_{gd} R_1 R_2 r_o s^2 + C_
 10.243 INVALID-ORDER-243 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, R_2, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
 10.244 INVALID-ORDER-244 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, R_2, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
 10.245 INVALID-ORDER-245 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, R_2, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
 H(s) = \frac{H(s)}{C_1 C_L C_{ad}^2 L_L R_1 R_2 r_o s^5 - C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_{gd} C_{gs} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L 
 10.246 INVALID-ORDER-246 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
L_L \kappa_1 s \\ (C_{12} G_{13} G
10.247 INVALID-ORDER-247 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, R_2, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
 H(s) = \frac{1}{C_1 C_L C_{ad}^2 L_L R_1 R_2 r_o s^5 + C_1 C_L C_{ad}^2 R_1 R_2 r_o s^5 + C_1 C_L C_{ad}^2 R_1 R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_L R_1 R_2 r_o s^3 + C_1 C_L C_{ad}^2 R_1 R_2 r_o 
 10.248 INVALID-ORDER-248 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, R_2, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
 10.249 INVALID-ORDER-249 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
 H(s) = \frac{1}{C_1 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_L C
 10.250 INVALID-ORDER-250 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, R_2, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
 H(s) = \frac{1}{C_1 C_2 C_{ad}^2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_L C_{ad} L_L R_1 R_2 R_L r_o s^5 - C_1 C_L C_{ad} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{ad} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{ad} L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 -
10.251 INVALID-ORDER-251 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \frac{1}{C_2 s}, \infty, \infty, \infty, R_L\right)
H(s) = \frac{R_1 R_L \left( C_{gd} s - g_m \right) \left( C_2 r_o s + g_m r_o + 1 \right)}{C_1 C_2 C_{gd} R_1 R_L r_o s^3 - C_1 C_2 R_1 R_L g_m r_o s^2 + C_1 C_{gd} R_1 R_L r_o s^3 - C_1 C_{gd} R_1 R_L r_o s^3 - C_1 C_{gd} R_1 R_L r_o s^3 + C_2 C_{gd} R_1 R_L r_o s^3 
 10.252 INVALID-ORDER-252 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
 H(s) = \frac{R_1 \left( C_{gd}s - g_m \right) \left( C_2 r_o s + g_m r_o + 1 \right)}{C_1 C_2 C_{gd} R_1 r_o s^3 - C_1 C_2 R_1 g_m r_o s^2 + C_1 C_2 G_d R_1 r_o s^3 - C_1 C_2 R_1 g_m r_o s^2 + C_1 C_2 G_d R_1 r_o s^3 - C_2 C_2 R_1 g_m r_o s^2 + C_1 C_2 G_d R_1 r_o s^3 - C_2 C_2 G_d R_1 r_o s^3 + C
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 $H(s) = \frac{R_1R_L \left(c_{gd}s - g_m \right) \left(c_2r_os + g_mr_o + 1 \right)}{C_1C_2C_{gd}R_1R_Lr_os^3 - C_1C_2R_1R_Lg_mr_os^2 + C_1C_{gd}R_1R_Lr_os^3 - C_1C_LR_1R_Lg_mr_os^2 + C_1C_{gd}R_1R_Lr_os^3 - C_1C_LR_1R_Lg_mr_os^2 + C_1C_{gd}R_1R_Lr_os^3 - C_2C_LR_1R_Lg_mr_os^2 + C_2C_{gd}R_1R_Lr_os^3 - C_2C_{gd}$

 $H(s) = \frac{H(s)}{C_1 C_2 C_L C_{gd} R_1 R_L r_o s^4 - C_1 C_2 C_L R_1 R_L g_m r_o s^3 + C_1 C_2 C_{gd} R_1 r_o s^3 - C_1 C_2 R_1 g_m r_o s^3 + C_1 C_2 C_{gd} R_1 r_o s^3 - C_1 C_2 R_1 g_m r_o s^3 + C_2 C_L C_{gd} R_1 r_o s^3 - C_1 C_2 R_1 g_m r_o s^3 + C_2 C_L C_{gd} R_1 r_o s^3 - C_2 C_L R_1 g_m r_o s^3 + C_2 C_L C_{gd} R_1 r_o s^3 - C_2 C_L R_1 g_m r_o s^3 + C_2 C_L C_{gd} R_1 r_o s^3 - C_2 C_L R_1 g_m r_o s^3 + C_2 C_L C_{gd} R_1 r_o s^3 - C_2 C_L R_1 g_m r_o s^3 + C_2 C_L C_{gd} R_1 r_o s^3 - C_2 C_L R_1 g_m r_o s^3 + C_2 C_L C_{gd} R_1 r_o s^3 - C_2 C_L R_1 g_m r_o s^3 + C_2 C_L C_{gd} R_1 r_o s^3 - C_2 C_L R_1 g_m r_o s^3 + C_2 C_L C_{gd} R_1 r_o s^3 - C_2 C_L R_1 g_m r_o s^3 + C_2 C_L C_{gd} R_1 r_o s^3 - C_2 C_L R_1 g_m r_o s^3 + C_2 C_L C_{gd} R_1 r_o s^3 - C_2 C_L R_1 g_m r_o s^3 + C_2 C_L R_2 g_m r_o s^3 + C_2 C_L R_2 g_m r_o s$

10.253 INVALID-ORDER-253 $Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \frac{1}{C_2 s}, \infty, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)$

10.254 INVALID-ORDER-254 $Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \frac{1}{C_2 s}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)$

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10.255 INVALID-ORDER-255 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{qd}L_{L}R_{1}r_{o}s^{5} - C_{1}C_{2}C_{L}L_{L}R_{1}g_{m}r_{o}s^{4} + C_{1}C_{L}C_{gd}R_{1}r_{o}s^{5} - C_{1}C_{L}C_{gd}L_{L}R_{1}r_{o}s^{5} - C_{1}C_{L}C_{gd}R_{1}r_{o}s^{3} - C_
 10.256 INVALID-ORDER-256 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
 H(s) = \frac{DLR_{1} \circ ( \circ ga^{\circ} - gm) \cdot ( \circ Z_{1} \circ o^{\circ} + gm^{\circ} \circ - 1)}{C_{1}C_{2}C_{qd}L_{L}R_{1}r_{o}s^{4} - C_{1}C_{L}L_{L}R_{1}g_{m}r_{o}s^{3} + C_{1}C_{L}L_{L}R_{1}g_{m}r_{o}s^{3} + C_{1}C_{qd}L_{L}R_{1}r_{o}s^{4} - C_{1}C_{L}L_{L}R_{1}g_{m}r_{o}s^{3} + C_{1}C_{qd}L_{L}R_{1}r_{o}s^{4} + C_{1}C_{qd}L_{L}
 10.257 INVALID-ORDER-257 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{qd} L_L R_1 r_o s^5 + C_1 C_2 C_L C_{qd} R_1 R_L r_o s^4 + C_1 C_L C_{
10.258 INVALID-ORDER-258 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
 H(s) = \frac{H(s)}{C_1 C_2 C_{gd} L_L R_1 R_L r_o s^4 - C_1 C_2 L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_L R_1 
10.259 INVALID-ORDER-259 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{ad} L_L R_1 R_L r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_L R_1 r_o s^5 - C_1 C_2 L_L R_1 g_m r_o s^3 + C_1 C_2 L_L R_1 g_m r_o s^4 + C_1 C_2 C_{ad} L_L R_1 r_o s^5 - C_1 C_2 L_L R_1 g_m r_o s^3 + C_1 C_2 L_L R_1 g_m r_o s^3 + C_1 C_2 L_L R_1 g_m r_o s^3 - C_1 C_2 L_L R_1 g_m r_o s^3 + C_1 C_2 L_L R_1 g_m r_o s^3
 10.260 INVALID-ORDER-260 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
  H(s) = \frac{H(s)}{C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^4 + C_1 C_2 C_{gd} R_1 R_L r_o s^5 - C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_L g_m 
 10.261 INVALID-ORDER-261 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, R_L\right)
 H(s) = \frac{R_1R_L\left(C_{gds} - g_m\right)\left(C_2R_2r_os + R_2g_mr_o + R_2 + r_o\right)}{C_1C_2C_{gd}R_1R_2R_Lr_os^3 - C_1C_2R_1R_2R_Lg_mr_os^2 + C_1C_{gd}R_1R_2R_Lr_os^3 - C_1R_1R_2g_mr_os - C_1R_1R_2g_mr_os - C_1R_1R_2g_mr_os - C_1R_1R_2g_mr_os - C_1R_1R_2g_mr_os - C_2R_2R_2g_mr_os^2 + C_2C_{gd}R_1R_2R_Lr_os^3 - C_2C_{gd}R_1R_2R_
 10.262 INVALID-ORDER-262 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
 H(s) = \frac{R_1 \left( C_g ds - g_m \right) \left( C_2 R_2 r_o s + R_2 g_m r_o + R_2 + r_o \right)}{C_1 C_2 C_g dR_1 R_2 r_o s^3 - C_1 C_2 R_1 R_2 g_m r_o s^2 + C_1 C_2 dR_1 R_2 r_o s^3 - C_1 C_2 R_1 R_2 g_m r_o s^2 + C_1 C_2 dR_1 R_2 r_o s^3 - C_1 C_2 R_1 R_2 g_m r_o s^2 + C_1 C_2 dR_1 R_2 r_o s^3 - C_1 C_2 R_1 R_2 g_m r_o s^2 + C_1 C_2 dR_1 R_2 r_o s^3 - C_2 C_2 R_1 R_2 g_m r_o s^2 + C_2 C_2 dR_1 R_2 r_o s^3 - C_2 C_2 R_1 R_2 g_m r_o s^2 + C_2 C_2 dR_1 R_2 r_o s^3 - C_2 C_2 dR_1 R_2 r_o s^3 -
 10.263 INVALID-ORDER-263 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
 H(s) = \frac{H(s)}{C_1 C_2 C_{gd} R_1 R_2 R_L r_o s^3 - C_1 C_2 R_1 R_2 R_L g_m r_o s^2 + C_1 C_{gd} R_1 R_2 R_L r_o s^3 - C_1 C_L R_1 R_2 R_L g_m r_o s^2 + C_1 C_{gd} R_1 R_2 R_L r_o s^3 - C_1 C_L R_1 R_2 R_L g_m r_o s^2 + C_1 C_{gd} R_1 R_2 R_L r_o s^3 - C_2 C_{gd} R_1 R_2 R_L r_o s^3 - C_1 C_L R_1 R_2 R_L g_m r_o s^2 + C_1 C_{gd} R_1 R_2 R_L r_o s^3 - C_1 C_L R_1 R_2 R_L g_m r_o s^2 + C_1 C_{gd} R_1 R_2 R_L r_o s^3 - C_2 C_{
 10.264 INVALID-ORDER-264 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
  H(s) = \frac{H(s)}{C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 - C_1 C_2 C_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} R_1 R_2 R_L r_o
 10.265 INVALID-ORDER-265 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 - C_1 C_2 C_L L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2
 10.266 INVALID-ORDER-266 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_{qd} L_L R_1 R_2 r_o s^4 - C_1 C_2 L_L R_1 R_2 g_m r_o s^3 + C_1 C_2 L_L R_1 R_2 g_m r_o s^3 + C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 L_L R_1 R_2 g_m r_o s^3 + C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 L_L R_1 R_2 g_m r_o s^3 + C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2 r_o s^4 - C_1 C_2 d_L L_R R_1 R_2
 10.267 INVALID-ORDER-267 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_L C_{gd} R_1 R_2 r_o s^3 + C_1 C_L
 10.268 INVALID-ORDER-268 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
 H(s) = \frac{1}{C_1C_2C_{gd}L_LR_1R_2R_Lr_os^4 - C_1C_2L_LR_1R_2R_Lr_os^4 - C
 10.269 INVALID-ORDER-269 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_L R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_L R_1
10.270 INVALID-ORDER-270 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{qd} L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L L_L R_1 R_2 R_L r_o s^3 - C_1 C_L R_1 R_2 R_L r_o
 10.271 INVALID-ORDER-271 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L\right)
 H(s) = \frac{1}{C_1 C_2 C_{ad}^2 R_1 R_2 R_L r_o s^4 - C_1 C_2 C_{gd} R_1 R_2 R_L r_o s^3 + C_1 C_2 C_{gd} R_1 R_2 R_L r_o s^3 + C_2 C_{gd}^2 R_1 R_2 R_L r_o s^3 + C_1 C_2 C_{gd} R_1 R_2 R_L r_o s^3 + C_2 C_{gd}^2 R_1 R_2 R_L r_
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 $H(s) = \frac{H(s)}{C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 - C_1 C_2 C_L R_1 R_2 R_L g_m r_o s^3 + C_1 C_2 C_{gd} R_1 R_2$

 $H(s) = \frac{H(s)}{C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 - C_1 C_2 C_L R_1 R_2 g_m r_o s^3 + C_1 C_2 C_{gd} R_1 R_2 r_o s^4 + C_2 C_L C_{gd} R_1 R_2 r_o s^3 + C_1 C_2 C_{gd} R_1 R_2 r_o s^3 + C_2 C_L C_{$

10.272 INVALID-ORDER-272 $Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s}\right)$

10.273 INVALID-ORDER-273 $Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)$

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10.274 INVALID-ORDER-274 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
  H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{od}^{2}R_{1}R_{2}R_{L}r_{o}s^{5} - C_{1}C_{2}C_{L}C_{gd}R_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}R_{1}R_{2}r_{o}s^{4} + C_{1}C_{L}C_{gd}R_{1}R_{2}r_{o}s^{4} + C_{1}C_{L}C_{gd}R_{1}R_{2}r_{o
10.275 INVALID-ORDER-275 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 r_o s^6 - C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^4 - C_1 C_2 C_L C_{gd} L_L R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 r_o s^5 - C_1 C_L C_{gd} R_1 r_o s^3 
 10.276 INVALID-ORDER-276 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_{gd} L_L R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R R_1 R_2 r_o s^5 - C_1 C_2 C_L L_R 
10.277 INVALID-ORDER-277 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd}^2 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 g_m r_o s^3 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 g_m r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^4 + C_1 C_2 C_L 
10.278 INVALID-ORDER-278 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
 H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}L_{L}R_{1}R_{2}R_{L}r_{o}s^{5} - C_{1}C_{2}C_{L}L_{R}R_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{2}C_{gd}L_{L}R_{1}R_{L}r_{o}s^{4} + C_{1}C_{2}C_{gd}L_{L}R_{1}R_{L}r_{o}s^
 10.279 INVALID-ORDER-279 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}^{2}L_{L}R_{1}R_{2}R_{L}r_{o}s^{6} - C_{1}C_{2}C_{L}L_{L}R_{1}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}L_{L}R_{1}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}L_{L}R_{1}R_{L}r_{o}s^{5} + C_{1}C_{L}C_{L}L_{L}R_{1}R_{L}r_{o}s^{5} + C_{1}C_{L}C_{L}L_{L}R_{L}R_{L}r_{o}s^{5} + C_{1}C_{L}C_{L}L_{L}R_{L}r_{o}s^{5} + C_{1}C_{L}C_{L}L_{L}R_{L}R_{L}r_{o}s^{5} + C_{1}C_{L}C_{L}L_{L}R_{L}R_{L}r_{o}s^{5} + C_{1}C_{L}C_{L}L_{L}R_{L}R_{
10.280 INVALID-ORDER-280 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
 H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{ad}^{2}L_{L}R_{1}R_{2}R_{L}r_{o}s^{6} - C_{1}C_{2}C_{L}C_{d}L_{L}R_{1}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{d}L_{L}R_{1}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{d}L_{L}R_{1}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{d}L_{L}R_{1}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{d}L_{L}R_{1}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{d}L_{L}R_{1}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{d}R_{1}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{L}C_{d}R_{1}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{L}C_{d}R_{1}R_{L}r_{o}s^{5} + C_{1}C_{L}C_{d}R_{1}R_{L}r_{o}s^{
 10.281 INVALID-ORDER-281 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L\right)
 H(s) = \frac{1}{C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 - C_1 C_2 C_{gd} L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{gd} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{gd} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_2 C_{gd} C_{gs} L_2 R_1 R_L r_o s^4 + C_
 10.282 INVALID-ORDER-282 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 - C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_{gd} L_2 R_1 r_o s^5 - C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^3 - C_1 C_2 L_2 R_1 g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_1 r_o s^3 - C_1 C_2 L_2 R_1 g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_1 r_o s^3 - C_1 C_2 L_2 R_1 g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_1 r_o s^3 - C_1 C_2 L_2 R_1 g_m r_o s^4 + C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_2 C_L C_{gd} L_2 R_1
 10.283 INVALID-ORDER-283 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
 H(s) = \frac{H(s) = \frac{H(s)}{C_1 C_2 C_L C_{ad} L_2 R_1 R_L r_o s^5 - C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad} L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_{ad}
  10.284 INVALID-ORDER-284 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{ad}^2 L_2 R_1 R_L r_o s^6 - C_1 C_2 C_L C_{ad} L_2 R_1 R_L r_o s^4 - C_1 C_2 C_L C_2 d_L R_1 R_L r_o s^4 - C_1 C_2 C_L C_2 d_L R_1 R_L r_o s^4 - C_1 C_2 C_L C_2 d_L R_1 R_L r_o s^4 - C_1 C_2 C_L C_2 d_L R_1 R_L r_o s^4 - C_1 C_2 C_L C_2 d_L R_1 R_L r_o s^4 - C_1 C_2 C_L C_2 d_L R_1 R_L r_o s^4 - C_1 C_2 C_L C_2 d_L R_1 R_L r_o s^4 - C_1 C_2 C_L C_2 d_L R_1 R_L r_o s^4 - C_1 C_2 C_L C_2 d_L R_1 R_L r_o s^4 - C_1 C_2 C_L C_2 d_L R_1 R_L r_o s^4 - C_1 C_2 C_L C_2 d_L R_1 R_L r_o s^4 - C_1 C_2 C_L C_2 d_L R_1 R_L r_o s^4 - C_1 C_2 C_L C_2 d_L R_1 R_L r_o s^4 - C_1 C_2 C_L C_2 d_L R_1 R_L r_o s^4 - C_1 C_2 C_L C_2 d_L R_1 R_L r_o s^4 - C_1 C_2 C_L C_2 d_L R_1 R_L r_o s^4 - C_1 C_2 C_L C_2 d_L R_1 R_L r_o s^4 - C_1 C_2 C_L C_2 d_L R_1 R_L r_o s^4 - C_1 C_2 C_L C_2 d_L R_1 R_L r_o s^4 - C_1 C_2 C_L C_2 d_L R_1 R_L r_o s^4 - C_1 C_2 C_L C_2 d_L R_1 R_L r_o s^4 - C_1 C_2 C_L C_2 d_L R_1 R_L r_o s^4 - C_1 C_2 C_L C_2 d_L R_1 R_L r_o s^4 - C_1 C_2 C_L C_2 d_L R_1 R_L r_o s^4 - C_1 C_2 C_L R_1 
 10.285 INVALID-ORDER-285 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
H(s) = \frac{1}{C_1 C_2 C_L C_{ad}^2 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 - C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 - C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 - C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 - C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 - C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 - C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 - C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L L_2 R_1
 10.286 INVALID-ORDER-286 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 - C_1 C_2 L_L L_R l_2 m_r o^5 + C_1 C_2 C_{gd} L_2 L_L R_1 r_o s^6 - C_1 C_2 L_L L_R l_2 m_r o^5 + C_1 C_2 C_{gd} L_2 L_L R_1 r_o s^6 - C_1 C_2 L_L L_R l_2 m_r o^5 + C_1 C_2 C_{gd} L_2 L_L R_1 r_o s^6 - C_1 C_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 - C_1 C_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 +
 10.287 INVALID-ORDER-287 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 r
 10.288 INVALID-ORDER-288 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
H(s) = \frac{1}{C_1 C_2 C_L C_{ad} L_2 L_L R_1 R_L r_o s^6 - C_1 C_2 C_L L_2 L_L R_1 R_L r_o s^6 - C_1 C_2 C_{ad} L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_2 L_L R_1 R_L r_o s^4 - C_1 C_2 L_
 10.289 INVALID-ORDER-289 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^7 - C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L g_m s^5 - C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L g_m s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 + C_1 C_2 C_{gd} L_2 L_L R_1 R_L g_m s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L L_L R_1 R_L g_m r_o s^5 - C_1 C_2 C_L R_1 R_L
10.290 INVALID-ORDER-290 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
  H(s) = \frac{H(s)}{C_1 C_2 C_L C_{ad}^2 L_2 L_L R_1 R_L r_o s^7 - C_1 C_2 C_L C_{ad} L_2 L_L R_1 R_L g_m r_o s^4 + C_1 C_2 C_L C_{ad} L_2 L_L R_1 R_L g_m r_o s^4 + C_1 C_2 C_L C_{ad} L_2 L_L R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 L_L R_1 R_L g_m r_o s^4 + C_1 C_2 C_L C_{ad} L_2 R_1 R_L r_o s^5 - C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L C_{ad} L_2 R_1 R_L r_o s^5 - C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L C_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L C_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L C_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L C_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L C_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C_1 C_2 C_L L_2 R_1 R_L g_m r_o s^4 + C
 10.291 INVALID-ORDER-291 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L\right)
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10.292 INVALID-ORDER-292 $Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_1 s}\right)$

 $H(s) = \frac{1}{C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} R_1 R_2 R_L r_o s^4 + C_2 C_{gd}^2 R_1 R_L r_o s^4 + C_2 C_{gd}^$

 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{cd}L_{2}R_{1}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{dd}R_{1}R_{2}r_{o}s^{4} + C_{1}C_{2}C_{dd}R_{1}R_{2}r_{o}s^{4} + C_{1}C_{2}C_{dd}R_{1}R_{2}r_{o}s^$

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10.293 INVALID-ORDER-293 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
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- $H(s) = \frac{1}{C_1C_2C_LC_{gd}L_2R_1R_Lr_os^5 + C_1C_2C_LC_{gd}R_1R_2R_Lr_os^5 + C_1C_2C_{gd}R_1R_2R_Lr_os^5 + C_1C_2C_{gd}R_1R$
- $10.294 \quad \text{INVALID-ORDER-294} \ Z(s) = \left(\frac{R_1}{C_1R_1s+1}, \ L_2s+R_2+\frac{1}{C_2s}, \ \infty, \ \infty, \ \infty, \ R_L+\frac{1}{C_Ls}\right)$ $H(s) = \frac{1}{C_1C_2C_LC_{ad}^2L_2R_1R_Lr_os^6+C_1C_2C_LC_{ad}^2R_1R_2R_Lr_os^5-C_1C_2C_LC_{ad}^2L_2R_1R_Lr_os^5+C_1C_2C_LC_{ad}^2R_1R_2R_Lr_os^5-C_1C_2C_LC_{ad}^2R_1R_2R_Lr_os^5+C_1C_2C_LC_{ad}^2R_1R_2r_os^5+C_1C_2C_$
- $\textbf{10.295} \quad \textbf{INVALID-ORDER-295} \ Z(s) = \left(\frac{R_1}{C_1R_1s+1}, \ L_2s + R_2 + \frac{1}{C_2s}, \ \infty, \ \infty, \ \infty, \ L_Ls + \frac{1}{C_Ls}\right)$
- $H(s) = \frac{1}{C_1C_2C_LC_{gd}^2L_2L_LR_1r_os^7 + C_1C_2C_LC_{gd}^2L_LR_1r_os^7 + C_1C_2C_LC_{gd}L_LR_1r_os^5 + C_1C_2C_LC_{gd}$
- $H(s) = \frac{1}{C_1C_2C_LC_{gd}L_2L_LR_1r_os^6 + C_1C_2C_LC_{gd}L_LR_1r_os^6 + C_1C_2C_{gd}L_LR_1r_os^6 + C_1C_2C_{gd}L_LR_1r_os^4 + C_1C_2C_{gd}L_LR_1r_os^4$
- $H(s) = \frac{1}{C_1C_2C_LC_{gd}^2L_2L_LR_1r_os^7 + C_1C_2C_LC_{gd}^2L_2R_1R_Lr_os^6 + C_1C_2C_LC_{gd}^2L_2R_1R_2r_os^6 + C_$
- 10.298 INVALID-ORDER-298 $Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \ L_2 s + R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)$
- $H(s) = \frac{1}{C_1C_2C_LC_{gd}L_2L_LR_1R_Lr_os^6 + C_1C_2C_LC_{gd}L_LR_1R_2r_os^6 + C_1C_2C_{gd}L_LR_1R_2r_os^6 + C_1C_2C_{gd}L_LR_1R_Lr_os^6 + C_1C_2C_{gd}L$
- $H(s) = \frac{1}{C_1C_2C_LC_{gd}^2L_2L_RR_1R_Lr_os^7 + C_1C_2C_LC_{gd}^2L_LR_1R_2r_os^5 + C_1C_2C_LC_{gd}L_LR_1R_2r_os^5 + C_1C_2C_LC_{gd}L_LR_1r_os^5 + C_1$
- $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}^{2}L_{2}L_{L}R_{1}R_{L}r_{o}s^{7} + C_{1}C_{2}C_{L}C_{gd}L_{L}R_{1}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{L}C_{gd}L_{L}R_{1}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}L_{L}R_{1}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{L}C_{gd}L_{L}R_{1}R_{L}r_{o}s^{5} + C_{1}C_{L}C_{L}C_{L}C_{L}R_{1}R_{L}r_{o}s^{5} + C_{1}C_{L}C_{L}C_{L}C_{L}R_{1}R_{L}r_{o}s^{5} + C_{1}C$
- **10.301** INVALID-ORDER-301 $Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, R_L\right)$
- $H(s) = \frac{1}{C_1C_2C_{gd}^2L_2R_1R_2R_Lr_os^5 C_1C_2C_{gd}L_2R_1R_2R_Lr_os^5 C_1C_2C_{gd}L_2R_1R_2R_Lr_os^4 + C_1C_2C_{gd}L_2R_1R_2r_os^4 + C_1C_2C_{gd$
- $H(s) = \frac{1}{C_1C_2C_LC_{gd}L_2R_1R_2r_os^5 C_1C_2C_LL_2R_1R_2g_mr_os^4 + C_1C_2C_{gd}L_2R_1R_2r_os^5 C_1C_2C_{gd}L_2R_1R_2r_os^5 C_1C_2C_{gd}L_2R_1R_2r_os^5 C_1C_2C_{gd}L_2R_1R_2r_os^4 + C_1C_2C_{gd}L_2R_1r_os^4 + C_1C_2C_{gd}L$
- $H(s) = \frac{1}{C_1C_2C_LC_{gd}L_2R_1R_2R_Lr_os^5 C_1C_2C_LL_2R_1R_2R_Lg_mr_os^4 + C_1C_2C_{gd}L_2R_1R_2R_Lr_os^5 C_1C_2C_{gd}L_2R_1R_2r_os^4 + C_1C_2C_{g$
- $H(s) = \frac{1}{C_1C_2C_LC_{gd}^2L_2R_1R_2R_Lr_os^6 C_1C_2C_LC_{gd}L_2R_1R_2R_Lr_os^6 C_1C_2C_LC_{gd}L_2R_1R_2r_os^5 + C_1C_2C_LC_{gd}L_2R_1R_2r_os^5 C_1C_2C_LC_$
- $H(s) = \frac{1}{C_1C_2C_LC_{gd}^2L_2L_LR_1R_2r_os^7 C_1C_2C_LC_{gd}L_2L_LR_1R_2g_mr_os^6 + C_1C_2C_LC_{gd}L_2L_RR_1g_mr_os^6 + C_1C_2C_LC_{gd}L_2R_1R_2r_os^5 C_1C_2C_LL_2R_1R_2g_mr_os^4 + C_1C_2C_{gd}L_2R_1R_2r_os^5 C_1C_2C_LL_2R_1R_2r_os^5 C_1C_2C_LL_2R_$
- $H(s) = \frac{1}{C_1C_2C_LC_{gd}L_2L_LR_1R_2r_os^6 C_1C_2C_LL_2L_RR_2g_mr_os^5 + C_1C_2C_{gd}L_2L_RR_1g_gr_os^6 C_1C_2C_{gd}L_2L_RR_1g_gr_os^6 + C_1C_2C_{gd}L_2R_1g_gr_os^6 + C_1C_2C$
- $H(s) = \frac{1}{C_1C_2C_1C_{gd}^2L_2L_1R_1R_2r_os^7 + C_1C_2C_1C_{gd}^2L_2R_1R_2r_os^6 C_1C_2C_1C_{gd}L_2R_1R_2r_os^6 + C_1C_2C_1C_{gd}L_2R_1R_2r_os^6 C_1C_2C_1C_2R_1R_2r_os^6 C_1C_2C_1C_2$
- $H(s) = \frac{1}{C_1C_2C_LC_{gd}L_2L_LR_1R_2R_Lr_os^6 C_1C_2C_LL_2L_RR_2R_Lr_os^6 C_1C_2C_{gd}L_2L_RR_1R_2R_Lr_os^6 C_1C_2C_{gd}L_2L_RR_1R_2R_Lr_os^6 C_1C_2C_{gd}L_2L_RR_1R_2r_os^6 C_1C_2C_{gd}L_2R_1R_2r_os^6 C_1C_2C_{gd}L$
- $H(s) = \frac{1}{C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_2 R_L r_0 s^7 C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_2 R_L r_0 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_0 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_0 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_0 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_0 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_0 s^6 + C_1 C_2 C_{gd} L_2 L_L R_1$
- - $H(s) = \frac{1}{C_1C_2C_LC_{gd}^2L_2L_LR_1R_2R_Lr_os^7 C_1C_2C_LC_{gd}L_2L_RR_2R_Lr_os^5 C_1C_2C_LL_2L_RR_2R_Lr_os^5 C_1C_$
- $H(s) = \frac{1}{C_{1}C_{2}C_{gd}^{2}L_{2}R_{1}R_{2}R_{L}r_{o}s^{5} C_{1}C_{2}C_{gd}L_{2}R_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{2}C_{gd}L_{$

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10.312 INVALID-ORDER-312 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
  H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^5 - C_1 C_2 C_L L_2 R_1 R_2 g_m r_o s^4 + C_1 C_2 C_{gd} L_2 R_1 R_2 r_o s^5 - C_1 C_2 L_2 R_1 R_2 g_m r_o s^4 + C_1 C_2 C_{gd} L_2 R_1 R_2 r_o s^5 - C_1 C_2 L_2 R_1 R_2 g_m r_o s^4 + C_1 C_2 C_{gd} L_2 R_1 R_2 r_o s^5 - C_1 C_2 C_{gd} L_2 R_1 R_2 r_o s^5 - C_1 C_2 C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 + C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^4 
 10.313 INVALID-ORDER-313 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
 H(s) = \frac{1}{C_1C_2C_LC_{gd}L_2R_1R_2R_Lr_os^5 - C_1C_2C_LL_2R_1R_2R_Lr_os^5 - C_1C_2C_{gd}L_2R_1R_2R_Lr_os^5 - C_1C_2C_{gd}R_1R_2R_Lr_os^5 - C_1C_2C_{gd}R_1R_2R_Lr
10.314 INVALID-ORDER-314 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
  H(s) = \frac{1}{C_1 C_2 C_L C_{gd}^2 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} 
 10.315 INVALID-ORDER-315 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}^{2}L_{2}L_{L}R_{1}R_{2}r_{o}s^{7} - C_{1}C_{2}C_{L}C_{gd}L_{2}L_{L}R_{1}R_{2}g_{m}r_{o}s^{4} + C_{1}C_{2}C_{gd}L_{2}L_{L}R_{1}R_{2}g_{m}r_{o}s^{4} + C_{1}C_{2}C_{gd}L_{2}R_{1}R_{2}r_{o}s^{5} - C_{1}C_{2}C_{L}L_{2}L_{L}R_{1}R_{2}g_{m}r_{o}s^{4} + C_{1}C_{2}C_{gd}L_{2}L_{L}R_{1}R_{2}g_{m}r_{o}s^{4} + C_{1}C_{2}C_{gd}L_{2}R_{1}R_{2}r_{o}s^{5} - C_{1}C_{2}C_{L}L_{2}L_{L}R_{1}R_{2}g_{m}r_{o}s^{4} + C_{1}C_{2}C_{gd}L_{2}R_{1}R_{2}r_{o}s^{5} - C_{1}C_{2}C_{L}L_{2}L_{L}R_{1}R_{2}g_{m}r_{o}s^{4} + C_{1}C_{2}C_{gd}L_{2}R_{1}R_{2}r_{o}s^{5} - C_{1}C_{2}C_{L}L_{2}L_{L}R_{1}R_{2}g_{m}r_{o}s^{4} + C_{1}C_{2}C_{gd}L_{2}R_{1}R_{2}r_{o}s^{5} - C_{1}C_{2}C_{L}L_{2}L_{L}R_{1}R_{2}g_{m}r_{o}s^{4} + C_{1}C_{2}C_{gd}L_{2}R_{1}R_{2}r_{o}s^{5} - C_{1}C_{2}C_{L}L_{2}L_{2}R_{1}R_{2}r_{o}s^{5} - C_{1}C_{2}C_{L}L_{2}L_{2}R_{1}
10.316 INVALID-ORDER-316 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
10.317 INVALID-ORDER-317 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
  H(s) = \frac{1}{C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 C_L L_2 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_1 R_2 r
10.318 INVALID-ORDER-318 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_2 R_L r_o s^6 - C_1 C_2 C_L L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2 L_L R_1 R_2 R_L r_o s^4 - C_1 C_2
10.319 INVALID-ORDER-319 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2
 10.320 INVALID-ORDER-320 Z(s) = \left(\frac{R_1}{C_1 R_1 s + 1}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
  H(s) = \frac{1}{C_1 C_2 C_L C_{ad}^2 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L L_2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_2
 10.321 INVALID-ORDER-321 Z(s) = \left(R_1 + \frac{1}{C_1 s}, R_2, \infty, \infty, \infty, R_L\right)
  H(s) = \frac{R_L \left( C_{gd}s - g_m \right) \left( C_1 R_1 R_2 R_L r_o^2 s^4 + C_1 C_{gd}^2 R_1 R_2 R_L r_o s^3 + C_1 C_{gd}^2 R_1 R_2
10.322 INVALID-ORDER-322 Z(s) = \left(R_1 + \frac{1}{C_1 s}, R_2, \infty, \infty, \infty, \frac{1}{C_L s}\right)
  H(s) = \frac{(C_{gds} - g_m) \left( C_1 R_1 s + 1 \right) \left( R_2 g_m r_o + R_2 + r_o \right)}{s \left( C_1 C_L C_{gd} C_{gs} R_1 R_2 r_o^2 s^3 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2 + C_1 C_L C_{gd} R_1 R_2 g_m r_o s^2
 10.323 INVALID-ORDER-323 Z(s) = \left(R_1 + \frac{1}{C_1 s}, R_2, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
 H(s) = \frac{1}{C_1 C_L C_{ad} C_{as} R_1 R_2 R_L r_o^2 s^4 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3 + C_1 C_L C_{ad} R_1 R_2 R_L r_o^2 s^3
 10.324 INVALID-ORDER-324 Z(s) = \left(R_1 + \frac{1}{C_1 s}, R_2, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
 H(s) = \frac{H(s) = \frac{1}{s\left(C_{1}C_{L}C_{gd}^{2}C_{gs}R_{1}R_{2}R_{L}r_{o}^{2}s^{4} + C_{1}C_{L}C_{gd}R_{1}R_{2}R_{L}r_{o}s^{3} + C_{1}C_{L}C_{gd}R_{1}R_{2}r_{o}s^{2} + C_{1}C_
 10.325 INVALID-ORDER-325 Z(s) = \left(R_1 + \frac{1}{C_1 s}, R_2, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
 H(s) = \frac{}{s\left(C_{1}C_{L}C_{gd}^{2}C_{gs}L_{L}R_{1}R_{2}r_{o}^{2}s^{5} + C_{1}C_{L}C_{gd}L_{L}R_{1}R_{2}g_{m}r_{o}s^{4} + C_{1}C_{L}C_
10.326 INVALID-ORDER-326 Z(s) = \left(R_1 + \frac{1}{C_1 s}, R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
 H(s) = \frac{H(s)}{C_1 C_L C_{gd} C_{gs} L_L R_1 R_2 r_o^2 s^5 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1
10.327 INVALID-ORDER-327 Z(s) = \left(R_1 + \frac{1}{C_1 s}, R_2, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
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 $H(s) = \frac{1}{C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_$

 $H(s) = \frac{1}{s\left(C_{1}C_{L}C_{gd}^{2}C_{gs}L_{L}R_{1}R_{2}r_{o}^{2}s^{5} + C_{1}C_{L}C_{gd}^{2}C_{gs}R_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{L}C_{gd}^{2}C_{gs}R_{1}R_{L}r_{o}s^{4} + C_{1}C_{L}C_{gd}^{2}C_{$

 $H(s) = \frac{1}{C_1 C_L C_{gd} C_{gs} L_L R_1 R_2 R_L r_o^2 s^5 + C_1 C_L C_{gd} L_L R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd}$

10.328 INVALID-ORDER-328 $Z(s) = \left(R_1 + \frac{1}{C_1 s}, R_2, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)$

10.329 INVALID-ORDER-329 $Z(s) = \left(R_1 + \frac{1}{C_1 s}, R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)$

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10.330 INVALID-ORDER-330 Z(s) = \left(R_1 + \frac{1}{C_1 s}, R_2, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
  H(s) = \frac{H(s)}{C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^5 +
 10.331 INVALID-ORDER-331 Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, \infty, R_L\right)
 H(s) = \frac{R_L \left( C_{gd}s - g_m \right) \left( C_1 R_1 s + 1 \right) \left( C_2 r_o s + g_m r_o + 1 \right)}{-C_1 C_2 C_{gd}^2 R_1 R_L r_o s^4 - C_1 C_2 C_{gd} R_1 R_L r_o s^3 + C_1 C_2 C_
 10.332 INVALID-ORDER-332 Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
 10.333 INVALID-ORDER-333 Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
10.334 INVALID-ORDER-334 Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
  H(s) = \frac{}{s\left(-C_{1}C_{2}C_{L}C_{gd}^{2}R_{1}R_{L}r_{o}s^{4} - C_{1}C_{2}C_{L}C_{gd}R_{1}R_{L}r_{o}s^{3} + C_{1}C_{L}C_{gd}R_{1}R_{L}r_{o}s^{3} + C_{1}C_{L}C_{gd}R_{1}R_{L}
 10.335 INVALID-ORDER-335 Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
  H(s) = \frac{}{s\left(-C_{1}C_{2}C_{L}C_{gd}^{2}L_{L}R_{1}r_{o}s^{5} - C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{L}R_{1}r_{o}s^{5} + C_{1}C_{L}C_{gd}C_{gs}L_{L}R_{1}r_{o}s^{4} + C_{1}C_{L}C_{gd}C_{gs}L_{L}R_{1}r_{o}s^{4
 10.336 INVALID-ORDER-336 Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
  H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_L R_1 r_o s^5 - C_1 C_2 C_L L_L R_1 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 r_o s^5 + C_1 C_2 C_{gd} L_L R_1 r_o s^4 + C_1 C_L C_{gd}
10.337 INVALID-ORDER-337 Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
10.338 INVALID-ORDER-338 Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
 10.339 INVALID-ORDER-339 Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
  H(s) = \frac{H(s)}{-C_1C_2C_LC_{gd}^2L_LR_1R_Lr_os^6 - C_1C_2C_LC_{gd}C_{gs}L_LR_1R_Lr_os^6 + C_1C_2C_LC_{gd}L_LR_1r_os^5 + C_1C
10.340 INVALID-ORDER-340 Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
 H(s) = \frac{-C_1C_2C_LC_{qd}^2L_LR_1R_Lr_os^6 - C_1C_2C_LC_{qd}C_{qs}L_LR_1R_Lr_os^6 + C_1C_2C_LC_{qd}L_LR_1R_Lr_os^6 + C_1C_LC_{qd}L_LR_1R_Lr_os^6 + C_1C_LC_{qd}L_LR_1R_Lr_os^6 + C_1C_LC_{qd}L_LR_1R_Lr_os^6 + C_1C_LC_{qd}L_LR_1R_Lr
 10.341 INVALID-ORDER-341 Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, R_L\right)
 H(s) = \frac{-}{-C_1C_2C_{ad}^2R_1R_2R_Lr_os^4 - C_1C_2C_{gd}R_1R_2R_Lr_os^4 + C_1C_2C_{gd}R_1R_2R_Lr_os^3 + C_1C_2C_{gd}R_1R_2R
 10.342 INVALID-ORDER-342 Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
 H(s) = \frac{1}{s\left(C_{1}C_{2}C_{L}C_{gd}R_{1}R_{2}r_{o}s^{3} - C_{1}C_{2}C_{L}R_{1}R_{2}g_{m}r_{o}s^{2} + C_{1}C_{L}C_{gd}R_{1}R_{2}r_{o}s^{2} + C_{1}C_{L}C_{gd}R_{1}R_{2}r_{o}
 10.343 INVALID-ORDER-343 Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{qd} R_1 R_2 R_L r_o s^4 - C_1 C_2 C_L R_1 R_2 R_L g_m r_o s^3 - C_1 C_2 C_{qd} R_1 R_2 R_L r_o s^4 + C_1 C_L C_{qd} R_1 R_2 R_L r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3 + C_1 C_L C_{qd} R_1 R_2 R_L g_m r_o s^3
 10.344 INVALID-ORDER-344 Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
 H(s) = \frac{1}{s\left(-C_{1}C_{2}C_{L}C_{gd}^{2}R_{1}R_{2}R_{L}r_{o}s^{4} - C_{1}C_{2}C_{L}C_{gd}R_{1}R_{2}R_{L}r_{o}s^{3} + C_{1}C_{L}C_{gd}R_{1}R_{2}R_{L}r_{o}s^{3} + C_{1}C_{L}C_{gd}R_{1}R_{2}R_{L}r_{
10.345 INVALID-ORDER-345 Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
H(s) = \frac{-}{s\left(-C_{1}C_{2}C_{L}C_{gd}^{2}L_{L}R_{1}R_{2}r_{o}s^{5} - C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{L}R_{1}R_{2}r_{o}s^{4} + C_{1}C_{L}C_{gd}C_{gs}L_{L}R_{1}R_{2}r_{o}s^{4} + C_{1}C_{L}C_{gd}C_{g
10.346 INVALID-ORDER-346 Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
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10.347 INVALID-ORDER-347 $Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)$

 $H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 - C_1 C_2 C_L L_L R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_L R_1 R_2$

 $H(s) = \frac{-}{s\left(-C_{1}C_{2}C_{L}C_{gd}^{2}L_{L}R_{1}R_{2}r_{o}s^{5} - C_{1}C_{2}C_{L}C_{gd}R_{1}R_{2}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}R_{1}R_{2}r_{o}s^{$

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10.348 INVALID-ORDER-348 Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
 H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}L_{L}R_{1}R_{2}R_{L}r_{o}s^{5} - C_{1}C_{2}C_{L}L_{L}R_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{L}C_{gd}L_{L}R_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{L}C_{gd}L_{
 10.349 INVALID-ORDER-349 Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
 H(s) = \frac{-C_1C_2C_LC_{gd}^2L_LR_1R_2R_Lr_os^6 - C_1C_2C_LC_{gd}C_{gs}L_LR_1R_2R_Lr_os^6 + C_1C_2C_LC_{gd}L_LR_1R_2r_os^5 + C_1C_2C_LC_{gd}L_LR_1R_2r_os^5 + C_1C_2C_LC_{gd}L_LR_1R_2r_os^5 + C_1C_2C_{gd}R_1R_2R_Lr_os^6 + C_1C_2C_{gd}R_1R_2R_Lr_os
 10.350 INVALID-ORDER-350 Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
 H(s) = \frac{-C_1C_2C_LC_{gd}^2L_LR_1R_2R_Lr_os^6 - C_1C_2C_LC_{gd}C_{gs}L_LR_1R_2R_Lr_os^6 + C_1C_2C_LC_{gd}L_LR_1R_2R_Lr_os^4 + C_1C_2C_LC_{gd}R_1R_2R_Lr_os^4 + C_1C_2C_LC_{gd}R
 10.351 INVALID-ORDER-351 Z(s) = \left(R_1 + \frac{1}{C_1 s}, \ R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ R_L\right)
 H(s) = \frac{1}{C_1 C_2 C_{gd}^2 C_{gs} R_1 R_2 R_L r_o^2 s^5 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd}^2 R_1 R_2 R_L r_o s
 10.352 INVALID-ORDER-352 Z(s) = \left(R_1 + \frac{1}{C_1 s}, \ R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{1}{C_L s}\right)
 H(s) = \frac{}{s\left(C_{1}C_{2}C_{L}C_{gd}C_{gs}R_{1}R_{2}r_{o}^{2}s^{4} + C_{1}C_{2}C_{L}C_{gd}R_{1}R_{2}r_{o}s^{3} + C_{1}C_{2}C_{L}C_{gd}R_{1}R_{2}r_{o}s^{3
 10.353 INVALID-ORDER-353 Z(s) = \left(R_1 + \frac{1}{C_1 s}, \ R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{R_L}{C_L R_L s + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} R_1 R_2 R_L r_o^2 s^5 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_L R_2 R
 10.354 INVALID-ORDER-354 Z(s) = \left(R_1 + \frac{1}{C_1 s}, \ R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ R_L + \frac{1}{C_L s}\right)
H(s) = \frac{1}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}R_{1}R_{2}R_{L}r_{o}^{2}s^{5} + C_{1}C_{2}C_{L}C_{gd}R_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C
 10.355 INVALID-ORDER-355 Z(s) = \left(R_1 + \frac{1}{C_1 s}, \ R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ L_L s + \frac{1}{C_L s}\right)
  H(s) = \frac{H(s)}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{L}R_{1}R_{2}r_{o}^{2}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{L}R_{1}R_{2}r_{o}s^{5} + C_{
 10.356 INVALID-ORDER-356 Z(s) = \left(R_1 + \frac{1}{C_1 s}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_L R_1 R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 r_o s^5 + C_1 C_2 C_L C_
 10.357 INVALID-ORDER-357 Z(s) = \left(R_1 + \frac{1}{C_1 s}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
  H(s) = \frac{H(s) = \frac{H(s)}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{L}R_{1}R_{2}r_{o}^{2}s^{6} + C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}R_{1}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}R_{1}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}R_{1}R_{L}r
 10.358 INVALID-ORDER-358 Z(s) = \left(R_1 + \frac{1}{C_1 s}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_I} + \frac{1}{L_I s}}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd}
 10.359 INVALID-ORDER-359 Z(s) = \left(R_1 + \frac{1}{C_1 s}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^
 10.360 INVALID-ORDER-360 Z(s) = \left(R_1 + \frac{1}{C_1 s}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{ad}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^7 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{a
 10.361 INVALID-ORDER-361 Z(s) = \left(R_1 + \frac{1}{C_1 s}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L\right)
 H(s) = \frac{1}{C_1 C_2 C_{ad}^2 C_{gs} L_2 R_1 R_L r_o^2 s^6 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{ad}^2 L_2 R_1 R_L r_o s
 10.362 INVALID-ORDER-362 Z(s) = \left(R_1 + \frac{1}{C_1 s}, \ L_2 s + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{1}{C_L s}\right)
  H(s) = \frac{H(s) = \frac{H(s)}{s \left( C_1 C_2 C_L C_{gd} C_{gs} L_2 R_1 r_o^2 s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 g_m r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_o s^4 + C_1 C_2 C_L C_{gd} L_2 R_1 r_
 10.363 INVALID-ORDER-363 Z(s) = \left(R_1 + \frac{1}{C_1 s}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_2 R_1 R_L r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_L g_m r_o s^5 + C_
 10.364 INVALID-ORDER-364 Z(s) = \left(R_1 + \frac{1}{C_1 s}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
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10.365 INVALID-ORDER-365 $Z(s) = \left(R_1 + \frac{1}{C_1 s}, \ L_2 s + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ L_L s + \frac{1}{C_L s}\right)$

 $H(s) = \frac{H(s) = \frac{H(s)}{s \left(C_1 C_2 C_L C_{gd}^2 C_{gs} L_2 R_1 R_L r_o^2 s^6 + C_1 C_2 C_L C_{gd}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_L C_{gd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_L C_{gd}^2 L_2 R_1$

 $H(s) = \frac{H(s) = \frac{H(s)}{s\left(C_{1}C_{2}C_{L}C_{2d}^{2}C_{gs}L_{2}L_{L}R_{1}r_{o}^{2}s^{7} + C_{1}C_{2}C_{L}C_{gd}L_{2}L_{L}R_{1}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}L_{2}L_{L}R_{1}r_{o}s^$

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10.366 INVALID-ORDER-366 Z(s) = \left(R_1 + \frac{1}{C_1 s}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_2 L_L R_1 r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 g_m r_o^2 s^6 + C_1 C_2 
10.367 INVALID-ORDER-367 Z(s) = \left(R_1 + \frac{1}{C_1 s}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
H(s) = \frac{1}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{2}L_{L}R_{1}r_{o}^{2}s^{7} + C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{2}R_{L}R_{1}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{g
 10.368 INVALID-ORDER-368 Z(s) = \left(R_1 + \frac{1}{C_1 s}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 
10.369 INVALID-ORDER-369 Z(s) = \left(R_1 + \frac{1}{C_1 s}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
H(s) = \frac{1}{C_1 C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 R_L r_o^2 s^8 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^
 10.370 INVALID-ORDER-370 Z(s) = \left(R_1 + \frac{1}{C_1 s}, \ L_2 s + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
H(s) = \frac{1}{C_1 C_2 C_L C_{gd}^2 C_{gs} L_2 L_L R_1 R_L r_o^2 s^8 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_2 L_L R_1 R_L r_o s^6 + C_
 10.371 INVALID-ORDER-371 Z(s) = \left(R_1 + \frac{1}{C_1 s}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L\right)
 H(s) = \frac{1}{C_1 C_2 C_{qd}^2 C_{gs} L_2 R_1 R_L r_o^2 s^6 + C_1 C_2 C_{qd}^2 C_{gs} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^5 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_L r_o s^4 + C_1 C_2 C_{qd}^2 L_2 R_1 R_
 10.372 INVALID-ORDER-372 Z(s) = \left(R_1 + \frac{1}{C_1 s}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
10.373 INVALID-ORDER-373 Z(s) = \left(R_1 + \frac{1}{C_1 s}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
10.374 INVALID-ORDER-374 Z(s) = \left(R_1 + \frac{1}{C_1 s}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
  H(s) = \frac{H(s) = \frac{H(s)}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{2}R_{1}R_{L}r_{o}^{2}s^{6} + C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}R_{1}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}R_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}R_{1}R_{L}r_{o}s^{4} + 
 10.375 INVALID-ORDER-375 Z(s) = \left(R_1 + \frac{1}{C_1 s}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
  H(s) = \frac{H(s)}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{2}L_{L}R_{1}r_{o}^{2}s^{7} + C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{L}R_{1}R_{2}r_{o}^{2}s^{6} + C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{L}R_{1}r_{o}s^{6} + C_{1}C_{2}
10.376 INVALID-ORDER-376 Z(s) = \left(R_1 + \frac{1}{C_1 s}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_2 L_L R_1 r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_
 10.377 INVALID-ORDER-377 Z(s) = \left(R_1 + \frac{1}{C_1 s}, \ L_2 s + R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ L_L s + R_L + \frac{1}{C_L s}\right)
  H(s) = \frac{H(s) = \frac{H(s)}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{2}L_{L}R_{1}r_{o}^{2}s^{7} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{2}R_{1}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{2}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}^{2}R_{L}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{L}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{L}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{L}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}^{2}R_{L}R_{L}r_{o}s^{5} + C_{1}C_{L}C_{L}C_{gd}^{2}R_{L}R_{L}r_{o}
 10.378 INVALID-ORDER-378 Z(s) = \left(R_1 + \frac{1}{C_1 s}, \ L_2 s + R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_L r_o s^6 + C_1 C_2 C_L
 10.379 INVALID-ORDER-379 Z(s) = \left(R_1 + \frac{1}{C_1 s}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        H(s) = \frac{\left(C_{gd}s - g_{m}\right)\left(C_{1}R_{1}s + 1\right)\left(C_{L}L_{L}R_{L}s^{2} + L_{L}s + R_{L}\right)\left(C_{2}L_{2}g_{m}r_{o}s^{2} + C_{2}L_{2}s^{2} + C_{2}R_{2}g_{m}r_{o}s + C_{2}R_{2}s + C_{2}r_{o}s + g_{m}r_{o} + 1\right)}{\left(C_{L}L_{L}R_{L}s^{2} + L_{L}s + R_{L}\right)\left(C_{2}L_{2}g_{m}r_{o}s^{2} + C_{2}L_{2}s^{2} + C_{2}R_{2}g_{m}r_{o}s + C_{2}R_{2}s + C_{2}r_{o}s + g_{m}r_{o} + 1\right)}
                                                                                                                                                                                                          \frac{1}{C_1 s}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    H(s) = \frac{R_L \left( C_{gd} s - g_m \right) \left( C_1 R_1 s + 1 \right) \left( C_L L_L s^2 + 1 \right) \left( C_2 L_2 g_m r_o s^2 + C_2 L_2 s^2 + C_2 R_2 g_m r_o s + C_2 R_2 s + C_2 r_o s + g_m r_o + 1 \right)}{R_L \left( C_{gd} s - g_m \right) \left( C_1 R_1 s + 1 \right) \left( C_2 L_2 g_m r_o s^2 + C_2 L_2 s^2 + C_2 R_2 g_m r_o s + C_2 R_2 s + C_2 r_o s + g_m r_o + 1 \right)}
                                                                                                                                                                                                          \frac{L_2s}{C_1s}, \frac{L_2s}{C_2L_2s^2+1} + R_2, \infty, \infty, \infty, R_L
H(s) = \frac{1}{C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_
 10.382 INVALID-ORDER-382 Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{1}{C_L s}\right)
H(s) = \frac{}{s\left(C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{2}R_{1}R_{2}r_{o}^{2}s^{5} + C_{1}C_{2}C_{L}C_{gd}L_{2}R_{1}R_{2}r_{o}s^{4} + C_{1}C_{2}C
 10.383 INVALID-ORDER-383 Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_2 R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^5
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10.384 INVALID-ORDER-384 $Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)$ $H(s) = \frac{1}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{2}R_{1}R_{2}R_{L}r_{o}^{2}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{2}R_{1}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}L_{2}R_{1}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{$ 10.385 INVALID-ORDER-385 $Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)$ $H(s) = \frac{}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{2}L_{L}R_{1}R_{2}r_{o}^{2}s^{7} + C_{1}C_{2}C_{L}C_{gd}L_{2}L_{L}R_{1}R_{2}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{$ 10.386 INVALID-ORDER-386 $Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)$ $H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_2 L_L R_1 R_2 r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_2 r_o s^6$ 10.387 INVALID-ORDER-387 $Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)$ $H(s) = \frac{1}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{2}L_{L}R_{1}R_{2}r_{o}^{2}s^{7} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{2}L_{L}R_{1}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{2}L_{L}R_{1}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{2}L_{$ 10.388 INVALID-ORDER-388 $Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)$ 10.389 INVALID-ORDER-389 $Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)$ $H(s) = \frac{\left(C_{gd}s - g_{m}\right)\left(C_{1}R_{1}s + 1\right)\left(C_{L}L_{L}R_{L}s^{2} + L_{L}s + R_{L}\right)\left(C_{2}L_{2}R_{2}g_{m}r_{o}s^{2} + C_{2}L_{2}R_{2}s^{2} + C_{2}L_{2}r_{o}s^{2} + L_{2}g_{m}r_{o}s + L_{2}s + R_{2}g_{m}r_{o} + R_{2} + r_{o}\right)}{\left(C_{1}R_{1}s + 1\right)\left(C_{1}L_{L}R_{L}s^{2} + L_{L}s + R_{L}\right)\left(C_{2}L_{2}R_{2}g_{m}r_{o}s^{2} + C_{2}L_{2}R_{2}s^{2} + C_{2}L_{2}r_{o}s^{2} + L_{2}g_{m}r_{o}s + L_{2}s + R_{2}g_{m}r_{o} + R_{2} + r_{o}\right)}$ $\frac{L_{2s}}{C_{1s}}, \frac{L_{2s}}{C_{2}L_{2s}^{2}+1} + R_{2}, \infty, \infty, \infty, \frac{R_{L}\left(L_{L}s + \frac{1}{C_{L}s}\right)}{L_{L}s + R_{L} + \frac{1}{C_{L}s}}$ $H(s) = \frac{R_L \left(C_{gd} s - g_m \right) \left(C_1 R_1 s + 1 \right) \left(C_L L_L s^2 + 1 \right) \left(C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + L_2 g_m r_o s + L_2 s + R_2 g_m r_o + R_2 + r_o \right)}{R_L \left(C_{gd} s - g_m \right) \left(C_1 R_1 s + 1 \right) \left(C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + L_2 g_m r_o s + L_2 s + R_2 g_m r_o + R_2 + r_o \right)}$ $\frac{R_2\left(L_2s + \frac{1}{C_2s}\right)}{L_2s + R_2 + \frac{1}{C_2s}}, \ \infty, \ \infty, \ \infty, \ R_L$ $H(s) = \frac{1}{C_{1}C_{2}C_{gd}^{2}C_{gs}L_{2}R_{1}R_{2}R_{L}r_{o}^{2}s^{6} + C_{1}C_{2}C_{gd}L_{2}R_{1}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{2$ **10.392** INVALID-ORDER-392 $Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{1}{C_L s}\right)$ $H(s) = \frac{1}{s\left(C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{2}R_{1}R_{2}r_{o}^{2}s^{5} + C_{1}C_{2}C_{L}C_{gd}L_{2}R_{1}R_{2}g_{m}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}L_{2}$ **10.393** INVALID-ORDER-393 $Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{R_2\left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)$ **10.394** INVALID-ORDER-394 $Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{R_2\left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)$ $H(s) = \frac{1}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{2}R_{1}R_{2}R_{L}r_{o}^{2}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{2}R_{1}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}C_$ 10.395 INVALID-ORDER-395 $Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)$ $H(s) = \frac{1}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{2}L_{L}R_{1}R_{2}r_{o}^{2}s^{7} + C_{1}C_{2}C_{L}C_{gd}L_{2}L_{L}R_{1}R_{2}r_{o}s^{6} + C_{1}C_{2}C_{L}C_$ 10.396 INVALID-ORDER-396 $Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)$ $H(s) = \frac{1}{C_1 C_2 C_L C_{gg} C_{gs} L_2 L_L R_1 R_2 r_o^2 s^7 + C_1 C_2 C_L C_{gg} L_2 L_L R_1 R_2 r_o s^6$ 10.397 INVALID-ORDER-397 $Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)$ $H(s) = \frac{-}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{2}L_{L}R_{1}R_{2}r_{o}^{2}s^{7} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{2}L_{L}R_{1}r_{o}s^{6} +$ 10.398 INVALID-ORDER-398 $Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{R_2\left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)$ 10.399 INVALID-ORDER-399 $Z(s) = \left(R_1 + \frac{1}{C_1 s}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)$ $H(s) = \frac{\left(C_{gd}s - g_{m}\right)\left(C_{1}R_{1}s + 1\right)\left(C_{L}L_{L}R_{L}s^{2} + L_{L}s + R_{L}\right)\left(C_{2}L_{2}R_{2}g_{m}r_{o}s^{2} + C_{2}L_{2}R_{2}s^{2} + C_{2}L_{2}r_{o}s^{2} + C_{2}R_{2}r_{o}s + R_{2}g_{m}r_{o} + R_{2} + r_{o}\right)}{\left(C_{1}R_{1}s + 1\right)\left(C_{L}L_{L}R_{L}s^{2} + L_{L}s + R_{L}\right)\left(C_{2}L_{2}R_{2}g_{m}r_{o}s^{2} + C_{2}L_{2}R_{2}s^{2} + C_{2}L_{2}r_{o}s^{2} + C_{2}R_{2}r_{o}s + R_{2}g_{m}r_{o} + R_{2} + r_{o}\right)}$

 $\frac{1}{C_1 s}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}$

 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{2}L_{L}R_{1}R_{2}R_{L}r_{o}^{2}s^{8} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{2}L_{L}R_{1}R_{2}R_{L}r_{o}s^{7} + C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{2}L_{L}R_{1}R_{2}R_{L}r_{o}s^{7} + C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{L}L_{R}R_{1}R_{2}R_{L}r_{o}s^{7} + C_{1}C_{2}C$

10.401 INVALID-ORDER-401 $Z(s) = \left(L_1 s + \frac{1}{C_1 s}, R_2, \infty, \infty, \infty, R_L\right)$

 $H(s) = \frac{R_L \left(C_{gd}s - g_m \right) \left(C_1 L_1 s^2 + 1 \right) \left(R_2 g_m r_o + R_2 + R_2 R_2 r_o s^3 + C_1 C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_{gd} L_2 R_L r_o s^4 + C_1 C_{gd} L_2 R_L r_o s^4 + C_1 C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_{gd$

10.402 INVALID-ORDER-402 $Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \ R_2, \ \infty, \ \infty, \ \infty, \ \frac{1}{C_L s}\right)$ **10.403** INVALID-ORDER-403 $Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \ R_2, \ \infty, \ \infty, \ \infty, \ \frac{R_L}{C_L R_L s + 1}\right)$ $H(s) = \frac{1}{C_1 C_L C_{gd} C_{gs} L_1 R_2 R_L r_o^2 s^5 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_$ **10.404** INVALID-ORDER-404 $Z(s) = \left(L_1 s + \frac{1}{C_1 s}, R_2, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)$ $H(s) = \frac{}{s\left(C_{1}C_{L}C_{gd}^{2}C_{gs}L_{1}R_{2}R_{L}r_{o}^{2}s^{5} + C_{1}C_{L}C_{gd}L_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{L}C_{gd}L_{1}R_{2}R_{L}r_{o}$ **10.405** INVALID-ORDER-405 $Z(s) = \left(L_1 s + \frac{1}{C_1 s}, R_2, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)$ $H(s) = \frac{-}{s\left(C_{1}C_{L}C_{qd}^{2}C_{qs}L_{1}L_{L}R_{2}r_{o}^{2}s^{6} + C_{1}C_{L}C_{qd}L_{1}L_{L}R_{2}r_{o}s^{5} + C_{1}C_{L}C_{qd}L_{1}L_{L}R_{2}r_{o$ **10.406** INVALID-ORDER-406 $Z(s) = \left(L_1 s + \frac{1}{C_1 s}, R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)$ $H(s) = \frac{1}{C_1 C_L C_{gd} C_{gs} L_1 L_L R_2 r_o^2 s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_$ **10.407** INVALID-ORDER-407 $Z(s) = \left(L_1 s + \frac{1}{C_1 s}, R_2, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)$ $H(s) = \frac{1}{s\left(C_{1}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{L}R_{2}r_{o}^{2}s^{6} + C_{1}C_{L}C_{gd}^{2}C_{gs}L_{1}R_{L}R_{2}r_{o}s^{5} + C_{1}C_{L}C_{gd}C_{gs}L_{1}L_{L}R_{2}r_{o}s^{5} + C_{1}C_{L}C_{gd}C$ 10.408 INVALID-ORDER-408 $Z(s) = \left(L_1 s + \frac{1}{C_1 s}, R_2, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)$ **10.409** INVALID-ORDER-409 $Z(s) = \left(L_1 s + \frac{1}{C_1 s}, R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)$ $H(s) = \frac{1}{C_1 C_L C_{qd}^2 C_{qs} L_1 L_L R_2 R_L r_o^2 s^7 + C_1 C_L C_{qd}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_L C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_L C_{qd}^2 L_L L_L R_2 R_L r_o s^6 + C_1 C_L C_{qd}^2 L_L L_L R_2 R_L r_o s^6 + C_1 C_L C_{qd}^2 L_L L_L R_2 R_L r_o s^6 + C_1 C_L C_{qd}^2 L_L L_L R_2 R_L r_o s^6 + C_1 C_L C_{qd}^2 L_L L_L R_2 R_L r_o s^6 + C_1 C_L C_{qd}^2 L_L L_L R_2 R_L r_o s^6 + C_1 C_L C_{qd}^2 L_L R_2 R_L r_o s^6 + C_1 C_L C_{qd}^2 L_L R_2 R_L r_o s^6 + C_1 C_L C_{qd}^2 L_L R_2 R_L r_o s^6 + C_1 C_L C_{qd}^2 L_L R_2 R_L r_o s^6 + C_1 C_L C_{qd}^2 L_L R_2 R_L r_o s^6 + C_1 C_L C_{qd}^2 L_L R_2 R_L r_o s^6 + C_1 C_L C_{qd}^2 L_L R_2 R_L r_o s^6 + C_1 C_L C_{qd}^2 L_L R_2 R_L r_o s^6 + C_1 C_L C_{qd}^2 L_L R_2 R_L r_o s^6 + C_1 C_L C_{qd}^2 L_L R_2 R_L r_o s^6 + C$ **10.410** INVALID-ORDER-410 $Z(s) = \left(L_1 s + \frac{1}{C_1 s}, R_2, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)$ **10.411** INVALID-ORDER-411 $Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, \infty, R_L\right)$ $H(s) = \frac{RL\left(C_{gd}S - g_{m}\right)\left(C_{1}L_{1}s - T\right)\left(C_{2}C_{o}S + g_{m}r_{o} + T\right)}{-C_{1}C_{2}C_{d}L_{1}R_{L}r_{o}s^{5} - C_{1}C_{2}C_{d}L_{1}R_{L}r_{o}s^{5} - C_{1}C_{2}C_{d}L_{1}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{d}L_{1}R_{L}r_{o}s^{4} + C_{1}C_{d}L_{1}R_{L}r_{o}s^{4} + C_{1}C_{d}L_{1}R_{L}r_{o}s$ 10.412 INVALID-ORDER-412 $Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s}\right)$ $H(s) = \frac{\left(C_{gds} - g_{m}\right)\left(C_{1}L_{1}s^{2} + 1\right)\left(C_{2}r_{o}s + g_{m}r_{o} + 1\right)}{s\left(C_{1}C_{2}C_{L}C_{gd}L_{1}r_{o}s^{4} - C_{1}C_{2}C_{L}L_{1}g_{m}r_{o}s^{3} - C_{1}C_{2}C_{gd}L_{1}r_{o}s^{4} + C_{1}C_{L}C_{gd}L_{1}g_{m}r_{o}s^{3} + C_{1}C_{L}C_$ **10.413** INVALID-ORDER-413 $Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)$ $H(s) = \frac{H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 R_L r_o s^5 - C_1 C_2 C_L L_1 R_L g_m r_o s^4 - C_1 C_2 C_{gd} L_1 R_L r_o s^5 - C_1 C_2 C_{gd} L_1 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_L r_o s^4 + C_1 C$ **10.414** INVALID-ORDER-414 $Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)$ $H(s) = \frac{}{s\left(-C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}R_{L}r_{o}s^{5} - C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{1}R_{L}r_{o}s^{4} + C_{1}C_{L}C_{gd}C_{gs}L_{1}R_{L}r_{o}s^{4} + C_{1}C_{L}C_{gd}C_{gs}L_{1}R_{L}r_{o}s^{4$ **10.415** INVALID-ORDER-415 $Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)$ $H(s) = \frac{}{s\left(-C_{1}C_{2}C_{L}C_{2d}^{2}L_{1}L_{L}r_{o}s^{6} - C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{1}L_{L}r_{o}s^{6} + C_{1}C_{L}C_{gd}C_{gs}L_{1}L_{L}r_{o}s^{5} + C_{1}C_{L}C_{gd}C_{gs}L_{1}L_{L}r_{o}s^{5$ **10.416** INVALID-ORDER-416 $Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)$ $H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 L_L r_o s^6 - C_1 C_2 C_L L_1 L_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L r_o s^6 + C_1 C_2 C_{gd}$

 $H(s) = \frac{1}{-C_1C_2C_LC_{gd}^2L_1L_LR_Lr_os^7 - C_1C_2C_LC_{gd}^2L_1L_LR_Lr_os^7 + C_1C_2C_LC_{gd}^2L_1L_LR_Lr_os^5 + C_1C_2C_{gd}^2L_1L_Lr_os^6 - C_1C_2C_{gd}^2L_Lr_os^6 - C_1C_2C_{gd}^2L_Lr_os^6 - C_1C_2C_{gd}^2L_1L_Lr_os^6 - C_1C_2C_{gd}^2L_Lr_os^6 - C_1C_2C_{gd}^2L_Lr_os^6 - C_1C_2C_{gd}^2L_Lr_os^6$

 $H(s) = \frac{}{s\left(-C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}L_{L}r_{o}s^{6} - C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{1}L_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}L_{1}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}L_{1}R_{L}r_{o}s^{$

 $H(s) = \frac{H(s)}{C_1C_2C_LC_{qd}L_1L_LR_Lr_os^6 - C_1C_2C_LL_1L_LR_Lr_os^6 - C_1C_2C_{qd}L_1L_LR_Lr_os^6 + C_1C_2C_{qd}L_1L_LR$

10.417 INVALID-ORDER-417 $Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)$

10.418 INVALID-ORDER-418 $Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)$

10.419 INVALID-ORDER-419 $Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)$

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10.420 INVALID-ORDER-420 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
  H(s) = \frac{-C_1C_2C_LC_{gd}^2L_1L_LR_Lr_os^7 - C_1C_2C_LC_{gd}L_1R_Lr_os^5 + C_1C_2C_LC_{gd}L_1R
 10.421 INVALID-ORDER-421 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, R_L\right)
 H(s) = \frac{-C_1C_2C_{qd}^2L_1R_2R_Lr_os^5 - C_1C_2C_{gd}C_gsL_1R_2R_Lr_os^5 + C_1C_2C_{gd}L_1R_2R_Lr_os^4 + C_1C_2C_{gd}L_1R_2
 10.422 INVALID-ORDER-422 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
 H(s) = \frac{1}{s\left(C_{1}C_{2}C_{L}C_{gd}L_{1}R_{2}r_{o}s^{4} - C_{1}C_{2}C_{L}L_{1}R_{2}g_{m}r_{o}s^{3} + C_{1}C_{L}C_{gd}L_{1}R_{2}r_{o}s^{4} + C_{1}C_{L}C_{gd}L_{1}R_{2}r_{o}
 10.423 INVALID-ORDER-423 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
 H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{d}L_{1}R_{2}R_{L}r_{o}s^{5} - C_{1}C_{2}C_{L}L_{1}R_{2}R_{L}g_{m}r_{o}s^{4} + C_{1}C_{L}C_{gd}L_{1}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{L}C_{gd}L_{1}R_{2}R_{L}r_{o}s^{4} + 
 10.424 INVALID-ORDER-424 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
 H(s) = \frac{1}{s\left(-C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}R_{2}R_{L}r_{o}s^{5} - C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{L}C_{gd}C_{gs}L_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{L}C_{gd}C_{g
 10.425 INVALID-ORDER-425 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
 H(s) = \frac{-}{s\left(-C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}L_{L}R_{2}r_{o}s^{6} - C_{1}C_{2}C_{L}C_{gd}L_{1}L_{L}R_{2}r_{o}s^{5} + C_{1}C_{L}C_{gd}L_{1}L_{L}R_{2}r_{o}s^{5} + C_{1}C_{L}C_{gd}L_{1}L_{L}R_{2}r_{
10.426 INVALID-ORDER-426 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_L R_2 g_m r_o s^5 - C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_
10.427 INVALID-ORDER-427 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
 H(s) = \frac{}{s\left(-C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}L_{L}R_{2}r_{o}s^{6} - C_{1}C_{2}C_{L}C_{gd}L_{1}R_{2}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}L_{1}R_{2}r_{o}s^{4
 10.428 INVALID-ORDER-428 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{qd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_L L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{qd} L_1 L_L
 10.429 INVALID-ORDER-429 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
 H(s) = \frac{-}{-C_1C_2C_LC_{gd}^2L_1L_LR_2R_Lr_os^7 - C_1C_2C_LC_{gd}C_{gs}L_1L_LR_2R_Lr_os^5 + C_1C_2C_{gd}L_1R_2R_Lr_os^5 + C_1C_2C_{gd}L_1L_RR_2R_Lr_os^5 + C_1C_2C_{gd}L_1L_RR_2R_Lr_os^5 + C_1C_2C_{gd}L_1L_RR_2R_Lr_os^5 + C_1C_2C_{gd}L_1L_RR_2R_Lr_os^5 + C_1C_2C_{gd}L_1L_RR_2R_Lr_os^5 + C_1C_2C_{gd}L_1R_2R_Lr_os^5 + C_1C_2C_{gd}L_1R
10.430 INVALID-ORDER-430 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
 H(s) = \frac{-C_1C_2C_LC_{gd}^2L_1L_LR_2R_Lr_os^7 - C_1C_2C_LC_{gd}L_1L_LR_2R_Lr_os^5 + C_1C_2C_LC_{gd}L_1L_LR_2R_Lr_os^5 + C_1C_2C_LC_{gd}L_1L_LR_2R_Lr_os^5 + C_1C_2C_LC_{gd}L_1L_LR_2R_Lr_os^5 + C_1C_2C_LC_{gd}L_1R_2R_Lr_os^5 + C_1C
 10.431 INVALID-ORDER-431 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L\right)
 H(s) = \frac{1}{C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s
10.432 INVALID-ORDER-432 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \ R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{1}{C_L s}\right)
H(s) = \frac{}{s\left(C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{1}R_{2}r_{o}^{2}s^{5} + C_{1}C_{2}C_{L}C_{gd}L_{1}R_{2}g_{m}r_{o}s^{4} + C_{1}C_{2}C_{L}C
 10.433 INVALID-ORDER-433 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_
 10.434 INVALID-ORDER-434 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
  H(s) = \frac{1}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}R_{2}R_{L}r_{o}^{2}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{1}R_{2}R_{L}r_{o}s^{5} + C_{1}C
 10.435 INVALID-ORDER-435 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \ R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ L_L s + \frac{1}{C_L s}\right)
  H(s) = \frac{}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{L}R_{2}r_{o}^{2}s^{7} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{L}R_{2}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{1}R_{2}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{L}R_{2}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{1}R_{2}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{1}R_{2
 10.436 INVALID-ORDER-436 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_1 L_L R_2 r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_
10.437 INVALID-ORDER-437 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \ R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ L_L s + R_L + \frac{1}{C_L s}\right)
  H(s) = \frac{H(s) = \frac{H(s)}{s \left( C_1 C_2 C_L C_{qd}^2 C_{gs} L_1 L_L R_2 r_o^2 s^7 + C_1 C_2 C_L C_{qd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_L
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10.438 INVALID-ORDER-438 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
  H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_1 L_L R_2 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 
 10.439 INVALID-ORDER-439 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \ R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
 H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{L}R_{2}R_{L}r_{o}^{2}s^{8} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{L}R_{2}R_{L}r_{o}s^{7} + C_{1}C_{2}C_{L}C_{gd
 10.440 INVALID-ORDER-440 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \ R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_2 R_L r_o^2 s^8 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^
 10.441 INVALID-ORDER-441 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \ L_2 s + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ R_L\right)
 H(s) = \frac{1}{C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o^2 s^7 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_2 R_L r_o s^6 + 
 10.442 INVALID-ORDER-442 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \ L_2 s + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{1}{C_L s}\right)
 H(s) = \frac{1}{s\left(C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{1}L_{2}r_{o}^{2}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}g_{m}r_{o}s^{5} + C_{1}C_{2}C_{L}
 10.443 INVALID-ORDER-443 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \ L_2 s + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{R_L}{C_L R_L s + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{qd} C_{qs} L_1 L_2 R_L r_o^2 s^7 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_L g_m r_o^2 s^6 + C_1 C_2 
 10.444 INVALID-ORDER-444 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \ L_2 s + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ R_L + \frac{1}{C_L s}\right)
10.445 INVALID-ORDER-445 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \ L_2 s + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ L_L s + \frac{1}{C_L s}\right)
 H(s) = \frac{1}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{2}L_{L}r_{o}^{2}s^{8} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{L}g_{m}r_{o}^{2}s^{7} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{L}g_{m}r_{o}^{2}s^{7} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{L}g_{m}r_{
 10.446 INVALID-ORDER-446 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \ L_2 s + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{L_L s}{C_L L_L s^2 + 1}\right)
  H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_1 L_2 L_L r_o^2 s^8 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L C_
 10.447 INVALID-ORDER-447 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \ L_2 s + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ L_L s + R_L + \frac{1}{C_L s}\right)
  H(s) = \frac{}{s\left(C_{1}C_{2}C_{L}C_{qd}^{2}C_{gs}L_{1}L_{2}L_{L}r_{o}^{2}s^{8} + C_{1}C_{2}C_{L}C_{qd}^{2}C_{gs}L_{1}L_{2}L_{L}r_{o}s^{7} + C_{1}C_{2}C_{L}C_{qd}^{2}C_{gs}L_{1}L_{2}L_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{qd}^{2}C_{gs}L_{1}L_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{qd}^{2}C_{gs}L_{1}L_{2}L_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{qd}^{2}C_{gs}L_{1}L_{2}L_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{qd}^{2}C_{gs}L_{1}L_{2}L_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{qd}^{2}C_{gs}L_{1}L_{2}L_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{qd}^{2}C_{gs}L_{1}L_{2}L_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{qd}^{2}C_{gs}L_{1}L_{2}L_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{qd}^{2}C_{gs}L_{1}L_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{qd}^{2}C_{gs}L_{1}L_{L}r_{o}s^{6}
 10.448 INVALID-ORDER-448 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \ L_2 s + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_1 L_2 L_L R_L r_o^2 s^8 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 
 10.449 INVALID-ORDER-449 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \ L_2 s + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^2 
 10.450 INVALID-ORDER-450 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \ L_2 s + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 L_L R_L r_o^2 s^3 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_L r_o s^7 + C_
 10.451 INVALID-ORDER-451 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \ L_2 s + R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ R_L\right)
 H(s) = \frac{1}{C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o^2 s^7 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_2 R_
10.452 INVALID-ORDER-452 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \ L_2 s + R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{1}{C_L s}\right)
  H(s) = \frac{}{s\left(C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{1}L_{2}r_{o}^{2}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{1}R_{2}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}g_{m}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}g_{m}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}L_{1}R_{2}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}L_{1}R_{2}g_{m}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}L_{1}R_{2}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}L_{1
 10.453 INVALID-ORDER-453 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \ L_2 s + R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{R_L}{C_L R_L s + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_1 L_2 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^6 + C_1 C_2 C_L 
 10.454 INVALID-ORDER-454 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \ L_2 s + R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ R_L + \frac{1}{C_L s}\right)
 H(s) = \frac{1}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{2}R_{L}r_{o}^{2}s^{7} + C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}R_{2}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{1}R_{2}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{1}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{1}
 10.455 INVALID-ORDER-455 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \ L_2 s + R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ L_L s + \frac{1}{C_L s}\right)
  H(s) = \frac{H(s) = \frac{H(s)}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{2}L_{L}r_{o}^{2}s^{8} + C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{L}R_{2}r_{o}^{2}s^{6} + C
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10.456 INVALID-ORDER-456 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \ L_2 s + R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{L_L s}{C_L L_L s^2 + 1}\right)
10.457 INVALID-ORDER-457 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \ L_2 s + R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ L_L s + R_L + \frac{1}{C_L s}\right)
H(s) = \frac{1}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{2}L_{L}r_{o}^{2}s^{8} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}L_{2}L_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}L_{2}L_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}L_{2}L_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}L_{L}R_{2}r_{o}s^{6} + C_{1}
10.458 INVALID-ORDER-458 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \ L_2 s + R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
10.459 INVALID-ORDER-459 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \ L_2 s + R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                H(s) = \frac{\left(C_{gd}s - g_{m}\right)\left(C_{1}L_{1}s^{2} + 1\right)\left(C_{L}L_{L}R_{L}s^{2} + L_{L}s + R_{L}\right)\left(C_{2}L_{2}g_{m}r_{o}s^{2} + C_{2}L_{2}s^{2} + C_{2}R_{2}g_{m}r_{o}s + C_{2}R_{2}s + C_{2}r_{o}s + g_{m}r_{o} + 1\right)}{\left(C_{L}L_{L}R_{L}s^{2} + L_{L}s + R_{L}\right)\left(C_{2}L_{2}g_{m}r_{o}s^{2} + C_{2}L_{2}s^{2} + C_{2}R_{2}g_{m}r_{o}s + C_{2}R_{2}s + C_{2}r_{o}s + g_{m}r_{o} + 1\right)}
                                                                                                                                                                                         \frac{1}{C_{1s}}, L_{2s} + R_{2} + \frac{1}{C_{2s}}, \infty, \infty, \infty, \frac{R_{L}\left(L_{Ls} + \frac{1}{C_{Ls}}\right)}{L_{Ls} + R_{L} + \frac{1}{C_{Ls}}}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             H(s) = \frac{R_L \left( C_{gd} s - g_m \right) \left( C_1 L_1 s^2 + 1 \right) \left( C_L L_L s^2 + 1 \right) \left( C_2 L_2 g_m r_o s^2 + C_2 L_2 s^2 + C_2 R_2 g_m r_o s + C_2 R_2 s + C_2 r_o s + g_m r_o + 1 \right)}{R_L \left( C_{gd} s - g_m \right) \left( C_1 L_1 s^2 + 1 \right) \left( C_2 L_2 g_m r_o s^2 + C_2 L_2 s^2 + C_2 R_2 g_m r_o s + C_2 R_2 s + C_2 r_o s + g_m r_o + 1 \right)}
                                                                                                                                                                                        \frac{L_{2s}}{C_{1s}}, \frac{L_{2s}}{C_{2}L_{2s}^{2}+1} + R_{2}, \infty, \infty, \infty, R_{L}
10.462 INVALID-ORDER-462 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{1}{C_L s}\right)
10.463 INVALID-ORDER-463 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
10.464 INVALID-ORDER-464 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
10.465 INVALID-ORDER-465 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
 H(s) = \frac{1}{s\left(C_{1}C_{2}C_{L}C_{qd}^{2}C_{qs}L_{1}L_{2}L_{L}R_{2}r_{o}^{2}s^{8} + C_{1}C_{2}C_{L}C_{qd}L_{1}L_{2}L_{L}R_{2}r_{o}s^{7} + C_{1}C_{2}C_{L}C_
10.466 INVALID-ORDER-466 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_1 L_2 L_L R_2 r_o^2 s^8 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 
10.467 INVALID-ORDER-467 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
 H(s) = \frac{-}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{2}L_{L}R_{2}r_{o}^{2}s^{8} + C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{2}L_{L}R_{2}r_{o}s^{7} + C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{2}
10.468 INVALID-ORDER-468 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_1 L_2 L_L R_2 R_L r_o^2 s^8 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_
10.469 INVALID-ORDER-469 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            H(s) = \frac{\left(C_{gd}s - g_m\right)\left(C_1L_1s^2 + 1\right)\left(C_LL_LR_Ls^2 + L_Ls + R_L\right)\left(C_2L_2R_2g_mr_os^2 + C_2L_2R_2s^2 + C_2L_2r_os^2 + L_2g_mr_os + L_2s + R_2g_mr_o + R_2 + r_o\right)}{\left(C_1L_1s^2 + 1\right)\left(C_2L_1R_2s^2 + L_2s + R_2\right)\left(C_2L_2R_2g_mr_os^2 + C_2L_2R_2s^2 + C_2L_2r_os^2 + L_2g_mr_os + L_2s + R_2g_mr_o + R_2 + r_o\right)}
                                                                                                                                                                                        \frac{L_2s}{C_1s}, \frac{L_2s}{C_2L_2s^2+1} + R_2, \infty, \infty, \infty, \frac{R_L(L_Ls + \frac{1}{C_Ls})}{L_Ls + R_L + \frac{1}{C_Ls}}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        H(s) = \frac{R_L \left( C_{gd} s - g_m \right) \left( C_1 L_1 s^2 + 1 \right) \left( C_L L_L s^2 + 1 \right) \left( C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + L_2 g_m r_o s + L_2 s + R_2 g_m r_o + R_2 + r_o \right)}{R_L \left( C_{gd} s - g_m \right) \left( C_1 L_1 s^2 + 1 \right) \left( C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + L_2 g_m r_o s + L_2 s + R_2 g_m r_o + R_2 + r_o \right)}
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 $\frac{R_2\left(L_2s + \frac{1}{C_2s}\right)}{L_2s + R_2 + \frac{1}{C_2s}}, \ \infty, \ \infty, \ \infty, \ R_L$

 $H(s) = \frac{1}{C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_2 R_L r_o^2 s^7 + C_1 C_2 C_{gd}^2 L_1 L_2 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_{gd}^$

10.472 INVALID-ORDER-472 $Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{R_2\left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{1}{C_L s}\right)$

 $H(s) = \frac{}{s\left(C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{1}L_{2}R_{2}r_{o}^{2}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}R_{2}g_{m}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}L_{1}L$

10.473 INVALID-ORDER-473 $Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)$

 $H(s) = \frac{H(s)}{C_1 C_2 C_L C_{ad} C_{as} L_1 L_2 R_2 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_2 R_L g_m r_o s^6 + C_1 C_2 C_L C_{$

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10.474 INVALID-ORDER-474 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
10.475 INVALID-ORDER-475 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
  10.476 INVALID-ORDER-476 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_1 L_2 L_L R_2 r_o^2 s^8 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 g_m r_o s^7 + C_1 C_2 C_L C_{gd} L_1
10.477 INVALID-ORDER-477 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
 H(s) = \frac{1}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{2}L_{L}R_{2}r_{o}^{2}s^{8} + C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{2}L_{L}R_{2}r_{o}s^{7} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{2}L_{L}R_{2}r_{o}s^{7} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{2}L_{L}R_{2}r_{o}s^{7} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{2}L_{L}R_{2}r_{o}s^{7} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{2}L_{L}R_{2}r_{o}s^{7} + C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{2}L_{L}R_{2}r_{o}s^{7} + C_{1}C_{2}C_{L}C_{gd}
 10.478 INVALID-ORDER-478 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
  H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_1 L_2 L_L R_2 R_L r_o^2 s^8 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_
 10.479 INVALID-ORDER-479 Z(s) = \left(L_1 s + \frac{1}{C_1 s}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      H(s) = \frac{\left(C_{gd}s - g_{m}\right)\left(C_{1}L_{1}s^{2} + 1\right)\left(C_{L}L_{L}R_{L}s^{2} + L_{L}s + R_{L}\right)\left(C_{2}L_{2}R_{2}g_{m}r_{o}s^{2} + C_{2}L_{2}R_{2}s^{2} + C_{2}L_{2}r_{o}s^{2} + C_{2}R_{2}r_{o}s + R_{2}g_{m}r_{o} + R_{2} + r_{o}\right)}{\left(C_{1}L_{1}s^{2} + 1\right)\left(C_{1}L_{L}R_{L}s^{2} + L_{L}s + R_{L}\right)\left(C_{2}L_{2}R_{2}g_{m}r_{o}s^{2} + C_{2}L_{2}R_{2}s^{2} + C_{2}L_{2}r_{o}s^{2} + C_{2}R_{2}r_{o}s + R_{2}g_{m}r_{o} + R_{2} + r_{o}\right)}
                                                                                                                                                                                                                  \frac{1}{C_1 s}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}
  10.481 INVALID-ORDER-481 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, R_2, \infty, \infty, \infty, R_L\right)
 H(s) = \frac{L_1 R_L s \left( C_{gd} s - g_m \right) \left( R_2 g_m r_o + R_2 + r_o \right)}{C_1 C_{gd}^2 L_1 R_2 R_L r_o s^4 - C_1 C_{gd} L_1 R_2 R_L r_o s^3 + C_1 C_{gd} L_1 R_2 R_L r_o s^3 + C_1 C_{gd} L_1 R_2 R_L r_o s^3 + C_2 d_L R_2 R_L r_o
  10.482 INVALID-ORDER-482 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, R_2, \infty, \infty, \infty, \frac{1}{C_L s}\right)
  10.483 INVALID-ORDER-483 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, R_2, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
  10.484 INVALID-ORDER-484 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, R_2, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
  H(s) = \frac{H(s)}{C_1 C_L C_{gd}^2 L_1 R_2 R_L r_o s^5 - C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_2 R_L r_o s^
  10.485 INVALID-ORDER-485 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, R_2, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
  H(s) = \frac{H(s)}{C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 - C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_{gd}
  10.486 INVALID-ORDER-486 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
  H(s) = \frac{L_1L_LS \cdot (C_{gd}S - \ell_{ed}S - \ell_{e
  10.487 INVALID-ORDER-487 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, R_2, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
  H(s) = \frac{H(s)}{C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_1 C_L C_{ad}^2 L_1 R_2 r_o s^6 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^6 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C_L C_{ad}^2 L_1 L_L R_2 r_o s^4 + C_1 C
  10.488 INVALID-ORDER-488 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, R_2, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
  H(s) = \frac{H(s)}{C_1 C_L C_{gd} L_1 L_L R_2 R_L r_o s^5 - C_1 C_L L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_2 R_L r_o
 10.489 INVALID-ORDER-489 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
  H(s) = \frac{H(s)}{C_1 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 - C_1 C_L C_{dd} L_1 L_L R_2 R_L g_m r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 - C_1 C_L L_1 L_L R_2 g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m r_o s^4 + C_1 C_2 dL_1 L_L R_2 R_L g_m 
  10.490 INVALID-ORDER-490 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, R_2, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
 H(s) = \frac{1}{C_1 C_L C_{od}^2 L_1 L_L R_2 R_L r_o s^6 - C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_L R_2 R_L r_o s^5 + C_1 C_L C_{dd} L_1 L_
  10.491 INVALID-ORDER-491 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{1}{C_2 s}, \infty, \infty, \infty, R_L\right)
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 $H(s) = \frac{L_1 L_2 S \left({C_2 d_3} - g_m \right) \left({C_2 P_{o} S} + g_{mP_{o} S} - C_2 L_1 R_L g_m r_o S^3 + C_2 C_{qd} L_1 R_L r_o S^4 + C_2 C_{qd} L_1 R_L g_m r_o S^3 + C_1 C_2 d_L R_L g_m r_o S^3 + C_2 C_{qd} L_1 R_L g_m r_o S^3 + C_2$

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10.492 INVALID-ORDER-492 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
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 $H(s) = \frac{L_{1}s\left(C_{gd}s - g_{m}\right)\left(C_{2}r_{o}s + g_{m}r_{o} + 1\right)}{C_{1}C_{2}C_{ad}L_{1}r_{o}s^{4} - C_{1}C_{2}L_{1}g_{m}r_{o}s^{3} + C_{1}C_{2}L_{1}g_{m}r_{o}s^{$

10.493 INVALID-ORDER-493 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)$

 $H(s) = \frac{L_1R_Ls \left(C_{gd}s - g_m \right) \left(C_2r_os + g_mr_o + 1 \right)}{C_1C_2C_{gd}L_1R_Lr_os^4 - C_1C_2L_1R_Lg_mr_os^3 + C_1C_2L_1R_Lg_mr_os^3 + C_1C_2L_1R_Lg_mr_os^3 + C_1C_2L_1R_Lg_mr_os^3 + C_1C_{gd}L_1R_Lr_os^4 - C_2C_{gd}L_1R_Lr_os^4 + C_2C_{gd}L_1R_Lr_os^4 - C_2C_{gd$

10.494 INVALID-ORDER-494 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{1}{C_2 s}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)$

 $H(s) = \frac{1}{C_1 C_2 C_L C_{ad} L_1 R_L r_o s^5 - C_1 C_2 C_L L_1 R_L g_m r_o s^4 + C_1 C_2 C_d L_1 r_o s^4 - C_1 C_L L_1 g_m r_o s^3 + C_1 C_L C_{ad} L_1 r_o s^4 - C_1 C_L L_1 g_m r_o s^3 + C_1 C_L C_{ad} L_1 r_o s^4 - C_2 C_L C_{ad} L_1 r_o s^4$

10.495 INVALID-ORDER-495 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)$

 $H(s) = \frac{1}{C_1 C_2 C_L C_{ad} L_1 L_L r_o s^6 - C_1 C_2 C_L L_1 L_L g_m r_o s^5 + C_1 C_2 C_{ad} L_1 r_o s^4 - C_1 C_2 L_L g_m r_o s^3 + C_1 C_2 C_{ad} L_1 L_L r_o s^6 - C_2 C_L C_{ad} L_1 r_o s$

10.496 INVALID-ORDER-496 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)$

 $H(s) = \frac{L_1 L_1 s^2 \left(C_{gd} s - g_m \right) \left(C_2 r_o s + g_m r_o + 1 \right)}{C_1 C_2 C_{gd} L_1 L_L r_o s^5 - C_1 C_2 L_1 L_L g_m r_o s^4 + C_1 C_2 d_L L_L L_S r_o s^5 - C_1 C_2 L_1 L_L g_m r_o s^4 + C_1 C_2 d_L L_L L_S r_o s^5 - C_2 C_2 L_1 L_L g_m r_o s^4 + C_1 C_2 d_L L_L L_S r_o s^5 - C_2 C_2 L_1 L_L g_m r_o s^4 + C_1 C_2 d_L L_L L_S r_o s^5 - C_2 C_2 L_2 L_2 L_2 r_o s^5 - C_2 C_2 L_2 L_2 r_o s^5 - C_2 L_2 L_2 r_o$

10.497 INVALID-ORDER-497 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)$

 $H(s) = \frac{H(s) = \frac{1}{C_1 C_2 C_L C_{ad} L_1 L_L r_o s^6 + C_1 C_2 C_L C_{ad} L_1 R_L r_o s^5 - C_1 C_2 C_L L_1 L_L g_m r_o s^4 + C_1 C_2 C_L$

10.498 INVALID-ORDER-498 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)$

 $H(s) = \frac{H(s)}{C_1 C_2 C_{gd} L_1 L_L R_L r_o s^5 - C_1 C_2 L_1 L_L R_L g_m r_o s^4 + C_1 C_{gd} L_1 L_L R_L r_o s^5 - C_2 C_{gd} L_1 L_L R_L r_o s^5 - C_1 C_2 L_1 L_L R_L g_m r_o s^4 + C_1 C_{gd} L_1 L_L R_L r_o s^5 - C_2 C_{gd}$

10.499 INVALID-ORDER-499 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)$

 $H(s) = \frac{H(s)}{C_1 C_2 C_L C_{qd} L_1 L_L R_L r_o s^6 - C_1 C_2 C_L L_1 L_L R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_L r_o s^6 - C_1 C_2 L_1 L_L R_L g_m r_o s^4 + C_1 C_2 L_1 L_L R_L g_m r_o s^4 + C_1 C_2 L_1 L_L R_L g_m r_o s^4 + C_1 C_2 L_1 L_L R_L g_m r_o s^4 + C_1 C_2 L_1 L_L R_L r_o s^6 - C_2 C_L C_{qd} L_1 L_L R_L r_o s^6 - C_2 C_L C_{q$

10.500 INVALID-ORDER-500 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)$

 $H(s) = \frac{H(s)}{C_1 C_2 C_L C_{gd} L_1 L_L R_L r_o s^6 - C_1 C_2 C_L L_1 L_L R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_L r_o s^6 - C_1 C_L C_{gd} L_1 L_L R_L r_o s^6 - C_1 C_L C_{gd} L_1 L_L R_L r_o s^6 - C_1 C_L C_{gd} L_1 L_L R_L r_o s^6 + C_2 C_L C_{gd} L_1 L_L R_L$

10.501 INVALID-ORDER-501 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, R_L\right)$

 $H(s) = \frac{-}{C_{1}C_{2}C_{od}L_{1}R_{2}R_{L}r_{o}s^{4} - C_{1}C_{2}L_{1}R_{2}R_{L}g_{m}r_{o}s^{3} + C_{1}C_{ad}L_{1}R_{2}R_{L}g_{m}r_{o}s^{3} + C_{1}C_{a$

10.502 INVALID-ORDER-502 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{1}{C_L s}\right)$

 $H(s) = \frac{L_{1}s \left(c_{gd}s - g_{m}\right) \left(c_{2}L_{2}r_{o}s + L_{2}c_{gd}L_{1}R_{2}r_{o}s + C_{1}C_{2}c_{gd}L_{1}R_{2}r_{o}s + C_{1}C_{2}c_{gd}L_{1}R_{2}r_{o$

10.503 INVALID-ORDER-503 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)$

 $H(s) = \frac{1}{C_1 C_2 C_{gd} L_1 R_2 R_L r_o s^4 - C_1 C_2 L_1 R_2 R_L g_m r_o s^3 + C_1 C_2 L_1 R_2 R_L g_m$

10.504 INVALID-ORDER-504 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)$

 $H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_1 R_2 R_L r_o s^5 - C_1 C_L C_{gd} L_1 R_2 r_o s^4 + C_1 C_L C_$

10.505 INVALID-ORDER-505 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)$

 $H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_L R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^6 - C_1 C_L C_{gd} L_1 L_L R_2 r_$

10.506 INVALID-ORDER-506 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)$

 $H(s) = \frac{1}{C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_L R_2 g_m r_o s^4 + C_1 C_{gd} L_1 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_L R_2 g_m r_o s^4 + C_1 C_2 d_L L_L R_2 r_o s^5 - C_1 C_2 L_1 L_L R_2 r_o s^5 - C_1 L_1 L_1 R_2$

10.507 INVALID-ORDER-507 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)$

 $H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 R_2 r_o s^4 + C_1 C_L$

10.508 INVALID-ORDER-508 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)$

 $H(s) = \frac{H(s)}{C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^5 - C_1 C_2 L_1 L_L$

10.509 INVALID-ORDER-509 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)$

 $H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_L L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_L L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_L L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_L L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 L_1 L_L R_2 R_L r_o s^6 -$

10.510 INVALID-ORDER-510 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)$

 $H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_L L_1 L_L R_2 R_L r_o s^4 - C_1 C_L L_1$

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10.511 INVALID-ORDER-511 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L\right)
  H(s) = \frac{1}{C_{1}C_{2}C_{cd}^{2}L_{1}R_{2}R_{L}r_{o}s^{5} - C_{1}C_{2}C_{gd}L_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{2}C_{gd}L_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{2}C_{gd}L_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{2}C_{gd}L_{1}R_{L}r_{o}s^{4} + C_{1}C_{2}C_{gd}L_{
 10.512 INVALID-ORDER-512 Z(s) = \left(\frac{L_{1s}}{C_1L_1s^2+1}, R_2 + \frac{1}{C_2s}, \infty, \infty, \infty, \frac{1}{C_{Ls}}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{qd} L_1 R_2 r_o s^5 - C_1 C_2 C_L L_1 R_2 g_m r_o s^4 + C_1 C_2 C_{qd} L_1 R_2 r_o s^5 - C_1 C_2 C_L L_1 R_2 g_m r_o s^4 + C_1 C_2 C_{qd} L_1 R_2 r_o s^5 - C_1 C_2 C_{dd} L_1 R_2 r_o s^4 + C_2 C_L C_{qd} L_1 R_2 r_o s^4 + C_2 C_L C_{qd
 10.513 INVALID-ORDER-513 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_{gd} L_1 R_2 R_L
 10.514 INVALID-ORDER-514 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
  H(s) = \frac{1}{C_1 C_2 C_L C_{ad}^2 L_1 R_2 R_L r_o s^6 - C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R
10.515 INVALID-ORDER-515 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 r_o s^7 - C_1 C_2 C_L C_{ad} L_1 L_L R_2 g_m r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L L_1 L_L R_2 g_m s^5 - C_1 C_2 C_L R_2 g_m s^5 - C_1 C_2 C_L R_2 g_m s^5 - C_1 C_2 C_L R_2
 10.516 INVALID-ORDER-516 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_L R_2 g_m r_o s^5 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 - C_1 C_2 L_1 L_L R_2 g_m r_o s^5 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 - C_1 C_2 L_1 L_L R_2 g_m r_o s^5 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 - C_1 C_2 L_1 L_L R_2 g_m r_o s^5 + C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 - C_1 C_2 L_1 L_L R_2 g_m r_o s^5 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 - C_1 C_2 L_1 L_L R_2 r_o s^6 - C_1 C_2 L_1 L_L R_2 r_o s^6 - C_1 C_2 L_1 L_L R_2 r_o s^6 + C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_
 10.517 INVALID-ORDER-517 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}L_{L}R_{2}r_{o}s^{7} + C_{1}C_{2}C_{L}C_{gd}L_{1}R_{2}r_{o}s^{5} +
10.518 INVALID-ORDER-518 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_L L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L
10.519 INVALID-ORDER-519 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
  H(s) = \frac{1}{C_1 C_2 C_L C_{gd}^2 L_1 L_L R_2 R_L r_o s^7 - C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L L_1 L_L R_2 r_o s^6
 10.520 INVALID-ORDER-520 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
 10.521 INVALID-ORDER-521 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L\right)
H(s) = \frac{1}{C_1 C_2 C_{ss}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{ad} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_2 R_L r_o s^5 + C_2 C_{ad}^2 L_1 L_2 R_L r_
 10.522 INVALID-ORDER-522 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
 10.523 INVALID-ORDER-523 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
H(s) = \frac{1}{C_1 C_2 C_L C_{qd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_L
 10.524 INVALID-ORDER-524 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^7 - C_1 C_2 C_L C_{ad} L_1 L_2 R_L g_m r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5 + C_1 C_2 C_L L_1 L_2 g_m r_o s^5
 10.525 INVALID-ORDER-525 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{ad}^2 L_1 L_2 L_L r_o s^8 - C_1 C_2 C_L C_{gd} L_1 L_2 L_L g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_1 L_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_1 L_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_1 L_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_1 L_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o s^5 + C_1 C_2 C_L L_2 L_2 g_m r_o 
 10.526 INVALID-ORDER-526 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 L_2 L_L r_o s^7 - C_1 C_2 L_L L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 L_L g_m
 10.527 INVALID-ORDER-527 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
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 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}L_{2}L_{L}R_{L}r_{o}s^{8} - C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{L}R_{L}r_{o}s^{7} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{L}R_{o}s^{7} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{L}R_{o}s^{7} + C_{1}C_{2}C_{L}C_{gd}$

 $H(s) = \frac{1}{C_1 C_2 C_L C_{qd}^2 L_1 L_2 L_L r_o s^8 + C_1 C_2 C_L C_{qd}^2 L_1 L_2 L_L r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_2 L_L r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_2 L_L r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{qd}^2 L_1 L_$

 $H(s) = \frac{H(s)}{C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 - C_1 C_2 C_L L_1 L_2 L_L R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_$

10.528 INVALID-ORDER-528 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)$

10.529 INVALID-ORDER-529 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)$

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10.530 INVALID-ORDER-530 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_T s}}\right)
H(s) = \frac{H(s) = \frac{1}{C_1C_2C_LC_{cd}^2L_1L_2L_LR_Lr_os^8 - C_1C_2C_LC_{dd}L_1L_2L_RL_gmr_os^5 + C_1C_2C_LC_{dd}L_1L_2L_RL_gmr_os^5 + C_1C_2C_LC_{dd}L_1L_2L_RL_gmr_os^5 + C_1C_2C_LC_{dd}L_1L_2L_RL_gmr_os^5 + C_1C_2C_LC_{dd}L_1L_2L_RL_gmr_os^5 + C_1C_2C_LC_{dd}L_1L_2R_Lr_os^6 - C_1C_2C_LL_1L_2R_Lgmr_os^5 + C_1C_2C_LC_{dd}L_1L_2R_Lgmr_os^5 + C_1C_2C_LGmr_os^5 + C_1C_LC_{dd}L_1L_2R_Lgmr_os^5 + C_1C_LC_{dd}L_1L_2R_Lgmr_os^5 + C_1C_LC_{dd}L_1L_2R_Lgmr_os^5 + C_1C_LC_{dd}L_1L_2R_Lgmr_os^5 + C_1C_LC_{dd}L_1L_2R_Lgmr_os^5 + C_1C_LC_{dd}L_1L_2
10.531 INVALID-ORDER-531 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L\right)
H(s) = \frac{1}{C_1 C_2 C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 R_2 R_L r_o s^5 - C_1 C_2 C_{ad} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 R_2 R_L r_o
10.532 INVALID-ORDER-532 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^5 - C_1 C_2 C_L L_1 L_2 g_m r_o s^4 + C_1 C_2 C_{gd} L_1 L_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 r_o s^5 + C_2 C_L C_
10.533 INVALID-ORDER-533 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
H(s) = \frac{H(s) = \frac{1}{C_1 C_2 C_1 C_3 d_1 L_2 R_L r_o s^6 + C_1 C_2 C_L C_3 d_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C_3 d_1 R_2 R_L g_m r_o s^4 + C_1 C_2 C
10.534 INVALID-ORDER-534 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
H(s) = \frac{1}{C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 r_o s^6 + C_1 C_2 C_L C_{ad}^
10.535 INVALID-ORDER-535 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
H(s) = \frac{1}{C_1 C_2 C_L C_{ad}^2 L_1 L_2 L_L r_o s^8 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_1 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 L_2 r_o s^5 - C_1 C_2 C_L L_2 L_2 r_o s^5 - C_1 C_
10.536 INVALID-ORDER-536 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
H(s) = \frac{1}{C_1 C_2 C_L C_{qd} L_1 L_2 L_L r_o s^7 + C_1 C_2 C_L L_2 L_L r_o s^7 + C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_2 C_{dd} L_1 L_L R_2 r_o s^6 - C_1 C_
10.537 INVALID-ORDER-537 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
H(s) = \frac{1}{C_1 C_2 C_L C_{ad}^2 L_1 L_2 L_L r_o s^8 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_L r_o s^6 - C_1 C_2 C_L
10.538 INVALID-ORDER-538 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
H(s) = \frac{H(s)}{C_1 C_2 C_L C_{ad} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 L_L R_L r_o s^6 + C_1 C_2 C_{ad} L_1 
10.539 INVALID-ORDER-539 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_1 L_1 s^2 + 1} + R_L\right)
10.540 INVALID-ORDER-540 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \ L_2 s + R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
H(s) = \frac{1}{C_1 C_2 C_L C_{ad}^2 L_1 L_2 L_L R_L r_o s^8 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad}^
10.541 INVALID-ORDER-541 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, R_L\right)
H(s) = \frac{1}{C_1 C_2 C_{ad}^2 L_1 L_2 R_2 R_L r_o s^6 - C_1 C_2 C_{ad} L_1 L_2 R_L g_m r_o s^5 + C_1 C_2 C_{ad} L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 - C_1 C_2 L_1 L_2 R_L g_m r_o s^4 - C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 - C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1 C_2 L_1 L_2 R_L g_m r_o s^4 + C_1
10.542 INVALID-ORDER-542 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{1}{C_L s}\right)
H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 R_2 g_m r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_{gd} L_1 L_2 R_2 r_
10.543 INVALID-ORDER-543 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 L_2 R_2 R_L r_o s^6 - C_1 C_2 C_L L_1 L_2 R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_
10.544 INVALID-ORDER-544 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
H(s) = \frac{1}{C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_2 R_L r_o s^7 - C_1 C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^6 + C_1 C_2 C_L L_2 L_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_2 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1 C_L C_{ad} L_1 L_2 R_L r_o s^6 + C_1
10.545 INVALID-ORDER-545 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
H(s) = \frac{1}{C_1 C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 r_o s^8 - C_1 C_2 C_L C_{dd} L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^6 - C_
10.546 INVALID-ORDER-546 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 r_o s^7 - C_1 C_2 C_L L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_L R_2 r_o s^5 - C_1 C_2 L_1
10.547 INVALID-ORDER-547 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
H(s) = \frac{1}{C_1 C_2 C_L C_{ad}^2 L_1 L_2 L_L R_2 r_o s^8 + C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 R_2 r_o s^6 - C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_2 r_o s
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 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{d}L_{1}L_{2}L_{L}R_{2}R_{L}r_{o}s^{7} - C_{1}C_{2}C_{L}L_{1}L_{2}L_{L}R_{2}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{d}L_{1}L_{2}L_{L}R_{2}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{d}L_{1}L_{L}R_{L}R_{L}r_{o}s^{6} + C_{1}C_{L}L_{L}R_{L}R_{L}r_{o}s^{6} + C_{1}C_{L}L_{L}R_{L}R_{L}$

10.548 INVALID-ORDER-548 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_I} + \frac{1}{L_I s}}\right)$

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10.549 INVALID-ORDER-549 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
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- $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}L_{2}L_{L}R_{2}R_{L}r_{o}s^{8} C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{L}R_{2}r_{o}s^{7} + C_{1}C_{2}C_{L}C_{gd}L_{1$
- 10.550 INVALID-ORDER-550 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)$
- $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}L_{2}L_{L}R_{2}R_{L}r_{o}s^{8} C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{L}R_{2}R_{L}r_{o}s^{7} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{L}R_{2}R_{L}r_{o}s^{6} C_{1}C_{2}C_{L}L_{1}L_{2}L_{L}R_{2}R_{L}r_{o}s^{6} C_{1}C_{2}C_{L}L_{1}L_{2}L_{L}R_{2}R_{L}r_{o}s^{6$
- **10.551** INVALID-ORDER-551 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, R_L\right)$
- $H(s) = \frac{1}{C_{1}C_{2}C_{gd}^{2}L_{1}L_{2}R_{2}R_{L}r_{o}s^{6} C_{1}C_{2}C_{gd}L_{1}L_{2}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{1}L_{2}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{1}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{1}L_{2}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{1}L_{2}R_{L}r_{o}s^{5}$
- **10.552** INVALID-ORDER-552 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{1}{C_L s}\right)$
- $H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 L_2 R_2 r_o s^6 C_1 C_2 C_L L_1 L_2 R_2 g_m r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_2 g_m r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_2 g_m r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_2 g_m r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_2 g_m r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_2 g_m r_o s^5 + C_2 C_L C_{gd} L_1 L_2 R_2 g_m r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_2$
- 10.553 INVALID-ORDER-553 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)$
- $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}R_{2}R_{L}r_{o}s^{6} C_{1}C_{2}C_{L}L_{1}L_{2}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{1}L_{2}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{1}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{gd}$
- 10.554 INVALID-ORDER-554 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_7 s}}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)$
- $H(s) = \frac{1}{C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_2 R_L r_o s^7 C_1 C_2 C_L L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_2 r_o s^6 + C_1 C_2 C_L L_2 R_2 r_o s^6 + C_1 C_2 C_$
- **10.555** INVALID-ORDER-555 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)$
- $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}L_{2}L_{L}R_{2}r_{o}s^{8} C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{L}R_{2}g_{m}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{L}R_{2}g_{m}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}R_{2}g_{m}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd$
- **10.556** INVALID-ORDER-556 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)$
- $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{L}R_{2}r_{o}s^{7} C_{1}C_{2}C_{L}L_{1}L_{2}L_{L}R_{2}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{1}L_{L}R_{2}r_{o}s^{5} C_{1}C_{2}L_{1}L_{L}R_{2}r_{o}s^{5} C_{1}C_{2}L_{1}L_{L}R_{2$
- 10.557 INVALID-ORDER-557 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)$
- $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}L_{2}L_{L}R_{2}r_{o}s^{8} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{L}R_{2}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{2}R_{2}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{2}R_{2}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{2}R_{2}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{2}R_{2}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{2}R_{2}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2$
- 10.558 INVALID-ORDER-558 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)$
- $H(s) = \frac{H(s)}{C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_2 R_L r_o s^7 C_1 C_2 C_L L_1 L_2 L_L R_2 R_L r_o s^5 C_1 C_2 L_1 L_2 L_L R_2 R_L r_o s^5$
- 10.559 INVALID-ORDER-559 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)$
- $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}L_{2}L_{L}R_{2}R_{L}r_{o}s^{8} C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{L}R_{2}R_{L}r_{o}s^{7} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{L}R_{2}r_{o}s^{7} + C_{1}C_{2}C_{L}C_{gd$
- 10.560 INVALID-ORDER-560 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)$
- $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}L_{2}L_{L}R_{2}R_{L}r_{o}s^{8} C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{L}R_{2}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}L_{1}L_{L}R_{2}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}L_{1}L_{L}R_{L}R_{L}r_{o}s^{6} + C_{1}C_{L}C_{L}L_{L}R_{L}R_{L}r_{o}s^{6} + C_{1}C_{L}C_{L}L_{L}R_{L}R_{L}r_{o}s^{6} + C_{1}C_{L}C_{L}L_{L}R_{L}R_{L}r_{o}s^{6} + C_{1}C_{L}C_{L}L_{L}R_{L}R_{L}r_{o}s^{6} + C_{1}C_$
- **10.561** INVALID-ORDER-561 $Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \ R_2, \ \infty, \ \infty, \ \infty, \ R_L\right)$
- $H(s) = \frac{1}{C_{1}C_{gd}^{2}C_{gs}L_{1}R_{2}R_{L}r_{o}^{2}s^{5} + C_{1}C_{gd}^{2}C_{gs}R_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{gd}C_{gs}R_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{gd}C_{gs}R_{1}R_{L}r_{o}s^{4} + C_{1}C_{gd}C_{gs}R_{1}R_{L}r_{o}s^{4} + C_{1}C_{gd}C_{gs}R_{1}R_{L}r_{o}s^{4} + C_{1}C_{gd}C_{gs}R_{1}R_{L}r_{o}s^{4} + C_{1}C_{gd}C_{gs}R_{1}R_{L}r_{o}s^{4} + C_{1}C_{gd}C_{gs}R_{1}R_{L}r_{o}s^{4} + C_{1}C_{gd}C_{gs}R_{1}R_{$
- **10.562** INVALID-ORDER-562 $Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, R_2, \infty, \infty, \infty, \frac{1}{C_L s}\right)$
- $H(s) = \frac{1}{s\left(C_{1}C_{L}C_{gd}C_{gs}L_{1}R_{2}r_{o}^{2}s^{4} + C_{1}C_{L}C_{gd}L_{1}R_{2}r_{o}s^{3} + C_{1}C_{L}C_{gd}L_{1}R_{2}r_{o$
- **10.563** INVALID-ORDER-563 $Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, R_2, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)$
- $H(s) = \frac{1}{C_{1}C_{L}C_{gd}C_{gs}L_{1}R_{2}R_{L}r_{o}^{2}s^{5} + C_{1}C_{L}C_{gd}C_{gs}R_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{L}C_{gd}L_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{L}C_{gd}L_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{L}C_{gd}R_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{L}C_{gd}R_{1}R_{2}R_{L}r_{o}$
- **10.564** INVALID-ORDER-564 $Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, R_2, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)$
- $H(s) = \frac{}{s\left(C_{1}C_{L}C_{gd}^{2}C_{gs}L_{1}R_{2}R_{L}r_{o}^{2}s^{5} + C_{1}C_{L}C_{gd}^{2}C_{gs}R_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{L}C_{gd}C_{gs}R_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{L}C_{gd}C_$
- **10.565** INVALID-ORDER-565 $Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, R_2, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)$
- $H(s) = \frac{H(s)}{s\left(C_{1}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{L}R_{2}r_{o}^{2}s^{6} + C_{1}C_{L}C_{gd}^{2}C_{gs}L_{L}R_{1}R_{2}r_{o}s^{5} + C_{1}C_{L}C_{gd}C_{gs}L_{L}R_{1}R_{2}r_{o}s^{5} + C_{1}C_{L}C_{gd}C_{gs}L_{L}R_{1}R_{2}r_{o}s^{5} + C_{1}C_{L}C_{gd}C_{gs}L_{L}R_{1}R_{2}r_{o}s^{5} + C_{1}C_{L}C_{gd}C_{gs}L_{L}R_{1}R_{2}r_{o}s^{5} + C_{1}C_{L}C_{gd}C_{gs}L_{L}R_{1}R_{2}r_{o}s^{4} + C_{1}C_{L}C_{g$
- **10.566** INVALID-ORDER-566 $Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)$
- $H(s) = \frac{1}{C_1 C_L C_{gd} C_{gs} L_1 L_L R_2 r_o^2 s^6 + C_1 C_L C_{gd} L_1 L_R R_2 r_o^2 s^5 + C_1 C_L C_{gd} L_1 L_R R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_2 r_o s^5 + C_1 C_L C_{gd} L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd} L_L R_1$

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10.567 INVALID-ORDER-567 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, R_2, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
H(s) = \frac{1}{s\left(C_{1}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{L}R_{2}r_{o}^{2}s^{6} + C_{1}C_{L}C_{gd}^{2}C_{gs}L_{1}R_{L}R_{2}r_{o}s^{5} + C_{1}C_{L}C_{gd}^{2}L_{L}R_{1}r_{o}s^{4} + C_{1}C_{L}C_{gd}^{2}L_{L}
 10.568 INVALID-ORDER-568 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, R_2, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
H(s) = \frac{1}{C_1C_LC_{gd}C_{gs}L_1L_LR_2R_Lr_o^2s^6 + C_1C_LC_{gd}L_LR_1R_2R_Lr_o^2s^5 + C_1C_LC_{gd}L_1L_LR_2R_Lr_os^5 + C_1C_LC_{gd}L_LR_1R_2R_Lr_os^5 + C_1C_LC_{
 10.569 INVALID-ORDER-569 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
H(s) = \frac{1}{C_1 C_L C_{gd}^2 C_{gs} L_1 L_L R_2 R_L r_o^2 s^7 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 
 10.570 INVALID-ORDER-570 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, R_2, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
 H(s) = \frac{1}{C_1 C_L C_{gd}^2 C_{gs} L_1 L_L R_2 R_L r_o^2 s^7 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 C_{gs} L_L R_1 R_2 R_L r_o^2 s^6 + C_1 
 10.571 INVALID-ORDER-571 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, R_L\right)
 H(s) = \frac{-C_1C_2C_{gd}^2L_1R_Lr_os^5 - C_1C_2C_{gd}^2R_1R_Lr_os^5 - C_1C_2C_{gd}C_{gs}L_1R_Lr_os^5 - C_1C_2C_{gd}C_{gs}L_1R_Lr_os^
 10.572 INVALID-ORDER-572 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
H(s) = \frac{1}{s\left(C_{1}C_{2}C_{L}C_{gd}L_{1}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}R_{1}r_{o}s^{3} - C_{1}C_{2}C_{L}L_{1}g_{m}r_{o}s^{3} + C_{1}C_{L}C_{gd}R_{1}g_{m}r_{o}s^{3} + C_
 10.573 INVALID-ORDER-573 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 R_L r_o s^5 + C_1 C_2 C_L C_{gd} R_1 R_L r_o s^5 + C_1 C_2 C_{gd} R_1 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 R_L r_o s^4 + C_1 C_2 C_{
 10.574 INVALID-ORDER-574 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
H(s) = \frac{1}{s\left(-C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}R_{L}r_{o}s^{5} - C_{1}C_{2}C_{L}C_{gd}R_{1}R_{L}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}R_{1}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}R_{1}r_{
 10.575 INVALID-ORDER-575 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
  H(s) = \frac{-}{s\left(-C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}L_{L}r_{o}s^{6} - C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{1}L_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}L_{1}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{g
 10.576 INVALID-ORDER-576 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 L_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 r_o s^5 - C_1 C_2 C_{gd} L_L R_1 r_o s^5 + C_1 C_2 C_{gd} L_L R_1 r_o s^5 - C_1 C_2 C_{gd} L_L R_1 r_o s^5 - C_1 C_2 C_{gd} L_L R_1 r_o s^5 + C_1 C_2 C_{
10.577 INVALID-ORDER-577 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
  H(s) = \frac{}{s\left(-C_{1}C_{2}C_{L}C_{d}^{2}L_{1}L_{L}r_{o}s^{6} - C_{1}C_{2}C_{L}C_{d}L_{1}R_{L}r_{o}s^{5} - C_{1
10.578 INVALID-ORDER-578 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}L_{1}L_{L}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{L}R_{L}R_{L}r_{o}s^{5} - C_{1}C_{2}C_{L}L_{L}R_{L}R_{L}r_{o}s^{5} - C_{1}C_{2}C_{L}L_{L}R_{L}R_{L}r_{o}s^{5} - C_{1}C_{2}C_{gd}L_{L}R_{L}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{L}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{gd}L
10.579 INVALID-ORDER-579 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
H(s) = \frac{-C_1C_2C_LC_{gd}^2L_1L_LR_Lr_os^7 - C_1C_2C_LC_{gd}^2L_1L_LR_Lr_os^5 - C_1C_2C_LC_{gd}^2L_1L_LR_Lr_os^5 - C_1C_2C_LC_{gd}^2L_1L_LR_Lr_os^5 - C_1C_2C_LC_{gd}^2L_1L_LR_Lr_os^5 - C_1C_2C_LC_{gd}^2L_1L_LR_Lr_os^5 - C_1C_2C_LC_{gd}^2L_LR_Lr_os^5 - 
 10.580 INVALID-ORDER-580 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{1}{C_2 s}, \infty, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
H(s) = \frac{-C_1C_2C_LC_{gd}^2L_1L_LR_Lr_os^7 - C_1C_2C_LC_{gd}L_1R_LR_Lr_os^5 + C_1C_2C_LC_{gd}L_1R_LR_Lr_os^5 + C_1C_2C_LC_{gd}L_1R_LR_Lr_os^5 + C_1C_2C_LC_{gd}L_1R_LR_Lr_os^5 + C_1C_2C_LC_{gd}L_1R_Lr_os^5 + C_1C_2C
10.581 INVALID-ORDER-581 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, R_L\right)
 H(s) = \frac{-C_1C_2C_{gd}^2L_1R_2R_Lr_os^5 - C_1C_2C_{gd}^2R_1R_2R_Lr_os^4 + C_1C_2C_{gd}R_1R_2R_Lr_os^4 + C_1C_2C_{gd}L_1R_2R_Lr_os^4 + C_1C_2C_{gd}R_1R_2R_Lr_os^4 + C_1C_2C_{gd}R_1R_2R_
 10.582 INVALID-ORDER-582 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
  H(s) = \frac{H(s) = \frac{H(s)}{s \left( C_1 C_2 C_L C_{gd} L_1 R_2 r_o s^4 + C_1 C_2 C_L C_{gd} R_1 R_2 r_o s^3 + C_1 C_2 C_{gd} R_1 R_2 r_o 
10.583 INVALID-ORDER-583 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
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10.584 INVALID-ORDER-584 $Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)$

 $H(s) = \frac{H(s)}{C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} R_1 R_2$

 $H(s) = \frac{-}{s\left(-C_{1}C_{2}C_{L}C_{d}^{2}L_{1}R_{2}R_{L}r_{o}s^{5} - C_{1}C_{2}C_{L}C_{gd}R_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}C_{gs}R_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}C_{gs}R_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}C_{gs}R_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}C_{gs}R_{1}R_{2}r_{o}s^{4} + C_{1}C_{2}C_$

10.585 INVALID-ORDER-585 $Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)$ $H(s) = \frac{1}{s\left(-C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}L_{L}R_{2}r_{o}s^{6} - C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{1}L_{L}R_{2}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{1}R_{2}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd$ 10.586 INVALID-ORDER-586 $Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)$ $H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_{Lgd} L_L R_1 R_2 r_o s^5 - C_1 C_2 C_{Lgd} L_L R_1 R_2 r_o s^5 - C_1 C_2 C_{Lgd} L_L R_1 R_2 r_o s^5 - C_1 C_2 C_{Lgd} L_L R_1 R_2 r_o s^5 - C_1 C_2 C_{Lgd} L_L R_1 R_2 r_o s^5 - C_1 C_2 C_{Lgd} L_L R_1 R_2 r_o s^5 - C_1 C_2 C_{Lgd} L_L R_1 R_2 r_o s^5 - C_1 C_2 C_{gd} L_L R_1$ **10.587** INVALID-ORDER-587 $Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)$ $H(s) = \frac{1}{s\left(-C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}L_{L}R_{2}r_{o}s^{6} - C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{1}R_{2}R_{L}r_{o}s^{5} - C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{1}R_{2}R_{L}r_{o}s^{$ 10.588 INVALID-ORDER-588 $Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)$ $H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 C_{gd} L_L$ 10.589 INVALID-ORDER-589 $Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)$ $H(s) = \frac{-C_1C_2C_LC_{gd}^2L_1L_LR_2R_Lr_os^7 - C_1C_2C_LC_{gd}L_LR_1R_2R_Lr_os^6 - C_1C_2C_LC_{gd}L_LR_1R_2R_Lr_os^6 + C_1C_2C_LC_{gd}L$ **10.590** INVALID-ORDER-590 $Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)$ $H(s) = \frac{-C_1C_2C_LC_{gd}^2L_1L_LR_2R_Lr_os^7 - C_1C_2C_LC_{gd}L_1R_2R_Lr_os^6 + C_1C_2C_LC_{gd}L$ 10.591 INVALID-ORDER-591 $Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \ R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ R_L\right)$ $H(s) = \frac{1}{C_{1}C_{2}C_{gd}^{2}C_{gs}L_{1}R_{2}R_{L}r_{o}^{2}s^{6} + C_{1}C_{2}C_{gd}^{2}C_{gs}R_{1}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{gd}C_{gs}R_{1}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{gd}C_{gs}R_{1}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{gd}C_{gs}R_{1}R_{L}r_{o}s^{$ 10.592 INVALID-ORDER-592 $Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \ R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{1}{C_L s}\right)$ $H(s) = \frac{1}{s\left(C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{1}R_{2}r_{o}^{2}s^{5} + C_{1}C_{2}C_{L}C_{gd}L_{1}R_{2}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}L_{1}R_{2}r_{o}s^{$ 10.593 INVALID-ORDER-593 $Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)$ $H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_$ 10.594 INVALID-ORDER-594 $Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)$ $H(s) = \frac{1}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}R_{2}R_{L}r_{o}^{2}s^{6} + C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}R_{1}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}R_{1}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}R_{1$ **10.595** INVALID-ORDER-595 $Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \ R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ L_L s + \frac{1}{C_L s}\right)$ $H(s) = \frac{}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{L}R_{2}r_{o}^{2}s^{7} + C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{L}R_{1}R_{2}r_{o}^{2}s^{6} + C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{L}R_{1}R_{2}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{L}R_$ 10.596 INVALID-ORDER-596 $Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)$ $H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_1 L_L R_2 r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o s^6 + C_1 C_2 C_L C_$ **10.597** INVALID-ORDER-597 $Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \ R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ L_L s + R_L + \frac{1}{C_L s}\right)$ $H(s) = \frac{-}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{L}R_{2}r_{o}^{2}s^{7} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}R_{2}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}R_{1}R_{2}r_{o}s^{6} + C_{1}$ 10.598 INVALID-ORDER-598 $Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)$ $H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_1 L_L R_2 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_L R_1 R_2 R_L r_o s^6$ 10.599 INVALID-ORDER-599 $Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)$

 $H(s) = \frac{\left(C_{gd}s - g_{m}\right)\left(C_{1}L_{1}s^{2} + C_{1}R_{1}s + 1\right)\left(C_{L}L_{L}R_{L}s^{2} + L_{L}s + R_{L}\right)\left(C_{2}R_{2}g_{m}r_{o}s + C_{2}R_{2}s + C_{2}r_{o}s + g_{m}r_{o} + 1\right)}{\left(C_{1}L_{1}s^{2} + C_{1}R_{1}s + 1\right)\left(C_{1}L_{L}R_{L}s^{2} + L_{L}s + R_{L}\right)\left(C_{2}R_{2}g_{m}r_{o}s + C_{2}R_{2}s + C_{2}r_{o}s + g_{m}r_{o} + 1\right)}$

 $\frac{1}{C_1 s}$, $R_2 + \frac{1}{C_2 s}$, ∞ , ∞ , ∞ , $\frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}$

 $H(s) = \frac{R_L \left(C_{gd} s - g_m \right) \left(C_L L_L s^2 + 1 \right) \left(C_1 L_1 s^2 + C_1 R_1 s + 1 \right) \left(C_2 R_2 g_m r_o s + C_2 R_2 s + C_2 r_o s + g_m r_o + 1 \right)}{R_L \left(C_{gd} s - g_m \right) \left(C_L L_L s^2 + 1 \right) \left(C_1 L_1 s^2 + C_1 R_1 s + 1 \right) \left(C_2 R_2 g_m r_o s + C_2 R_2 s + C_2 r_o s + g_m r_o + 1 \right)}$

 $\overline{C_{1s}}$, $L_2s + \frac{1}{C_{2s}}$, ∞ , ∞ , ∞ , R_L

 $H(s) = \frac{1}{C_1C_2C_{gd}^2C_{gs}L_1L_2R_Lr_o^2s^7 + C_1C_2C_{gd}^2C_{gs}L_2R_1R_Lr_o^2s^6 + C_1C_2C_{gd}^2L_2R_1R_Lr_os^5 + C_1C_2C_{gd}^2L_2R_Lr_os^5 + C_1C_2C$

 $H(s) = \frac{H(s) = \frac{}{s\left(C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{1}L_{2}r_{o}^{2}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{2}R_{1}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}g_{m}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}g_{m}r_{o}s^{4} + C_{1}C_{2}C_{L}C_$

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10.603 INVALID-ORDER-603 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \ L_2 s + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{R_L}{C_L R_L s + 1}\right)
 H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{1}L_{2}R_{L}r_{o}^{2}s^{7} + C_{1}C_{2}C_{L}C_{gd}L_{2}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{2}R_{L}r_{o}s
 10.604 INVALID-ORDER-604 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \ L_2 s + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ R_L + \frac{1}{C_L s}\right)
H(s) = \frac{1}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{2}R_{L}r_{o}^{2}s^{7} + C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{2}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{L}C_
10.605 INVALID-ORDER-605 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \ L_2 s + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ L_L s + \frac{1}{C_L s}\right)
 H(s) = \frac{-}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{2}L_{L}r_{o}^{2}s^{8} + C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{2}L_{L}R_{1}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{2}L_{L}R_{1}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{2}L_{L}R_{1}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{1}L_{L}L_{r}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{2}L_{L}R_{1}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{1}L_{L}L_{r}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{1}L_{r}L_{r}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{r}L_{r}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{r
 10.606 INVALID-ORDER-606 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \ L_2 s + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{L_L s}{C_L L_L s^2 + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_1 L_2 L_1 r_o^2 s^8 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o s^6 + C_1 C_2 C_L 
 10.607 INVALID-ORDER-607 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \ L_2 s + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ L_L s + R_L + \frac{1}{C_L s}\right)
   H(s) = \frac{-}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{2}L_{L}r_{o}^{2}s^{8} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{2}L_{L}R_{1}r_{o}^{2}s^{7} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{
 10.608 INVALID-ORDER-608 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \ L_2 s + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_1 L_2 L_L R_L r_o^2 s^8 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 R_L r_o^2 s^7 + C_1 C_2 
10.609 INVALID-ORDER-609 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \ L_2 s + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         H(s) = \frac{\left(C_{gd}s - g_{m}\right)\left(C_{1}L_{1}s^{2} + C_{1}R_{1}s + 1\right)\left(C_{L}L_{L}R_{L}s^{2} + L_{L}s + R_{L}\right)\left(C_{2}L_{2}g_{m}r_{o}s^{2} + C_{2}L_{2}s^{2} + C_{2}r_{o}s + g_{m}r_{o} + 1\right)}{\left(C_{1}L_{1}s^{2} + C_{2}L_{2}s^{2} + C_
                                                                                                                                                                                                                                                \frac{1}{C_1 s}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         H(s) = \frac{R_L \left( C_{gd} s - g_m \right) \left( C_L L_L s^2 + 1 \right) \left( C_1 L_1 s^2 + C_1 R_1 s + 1 \right) \left( C_2 L_2 g_m r_o s^2 + C_2 L_2 s^2 + C_2 r_o s + g_m r_o + 1 \right)}{R_L \left( C_{gd} s - g_m \right) \left( C_L L_L s^2 + 1 \right) \left( C_1 L_1 s^2 + C_1 R_1 s + 1 \right) \left( C_2 L_2 g_m r_o s^2 + C_2 L_2 s^2 + C_2 r_o s + g_m r_o + 1 \right)}
                                                                                                                                                                                                                                              \overline{C_{1s}}, L_2s + R_2 + \frac{1}{C_{2s}}, \infty, \infty, \infty, R_L
 H(s) = \frac{1}{C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o^2 s^7 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 C_{gs} L_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2
 10.612 INVALID-ORDER-612 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \ L_2 s + R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{1}{C_L s}\right)
 H(s) = \frac{1}{s\left(C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{1}L_{2}r_{o}^{2}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{2}R_{1}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}L_{1}R_{2}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}L_{1}R_{2}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}L_{1}R_{2}r_{o}s^{
 10.613 INVALID-ORDER-613 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \ L_2 s + R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{R_L}{C_L R_L s + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_1 L_2 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_
 10.614 INVALID-ORDER-614 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \ L_2 s + R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ R_L + \frac{1}{C_L s}\right)
 H(s) = \frac{H(s) = \frac{H(s)}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{2}R_{L}r_{o}^{2}s^{7} + C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}R_{2}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}R_{L}r_{o}s^{6} + C_{1}
 10.615 INVALID-ORDER-615 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \ L_2 s + R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ L_L s + \frac{1}{C_L s}\right)
 H(s) = \frac{}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{2}L_{L}r_{o}^{2}s^{8} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{2}L_{L}R_{1}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{L}R_{1}r_{o}s^{5} + C_{1}C_{2}C_{
 10.616 INVALID-ORDER-616 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \ L_2 s + R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{L_L s}{C_L L_L s^2 + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_1 L_2 L_1 r_o^2 s^8 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 L_L R_1 r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_2 r_o^2 s^6 + C_1 
 10.617 INVALID-ORDER-617 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \ L_2 s + R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ L_L s + R_L + \frac{1}{C_L s}\right)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    H(s) = \frac{\left(C_{gd}s - g_m\right)\left(C_1L_1s^2 + C_1R_1s + 1\right)\left(C_LL_Ls^2 + C_LR_Ls + 1\right)\left(C_2L_2g_mr_os^2 + C_2L_2s^2 + C_2R_2g_mr_os + C_2R_2s + C_2r_os + g_mr_o + 1\right)}{\left(C_2L_2g_mr_os^2 + C_2L_2s^2 + C_2R_2g_mr_os + C_2R_2s + C_2r_os + g_mr_o + 1\right)}
                                                                                                                                                                                                                                              \frac{1}{C_1 s}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 H(s) = \frac{L_L R_L s \left(C_{gd} s - g_m\right) \left(C_1 L_1 s^2 + C_1 R_1 s + 1\right) \left(C_2 L_2 g_m r_o s^2 + C_2 L_2 s^2 + C_2 R_2 g_m r_o s + C_2 R_2 s + C_2 r_o s + g_m r_o + 1\right)}{2 \left(C_1 L_1 s^2 + C_1 R_1 s + 1\right) \left(C_2 L_2 g_m r_o s^2 + C_2 L_2 s^2 + C_2 R_2 g_m r_o s + C_2 R_2 s + C_2 r_o s + g_m r_o + 1\right)}
                                                                                                                                                                                                                                              \frac{1}{C_1 s}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   H(s) = \frac{\left(C_{gd}s - g_{m}\right)\left(C_{1}L_{1}s^{2} + C_{1}R_{1}s + 1\right)\left(C_{L}L_{L}R_{L}s^{2} + L_{L}s + R_{L}\right)\left(C_{2}L_{2}g_{m}r_{o}s^{2} + C_{2}L_{2}s^{2} + C_{2}R_{2}g_{m}r_{o}s + C_{2}R_{2}s + C_{2}r_{o}s + g_{m}r_{o} + 1\right)}{\left(C_{L}L_{L}R_{L}s^{2} + L_{L}s + R_{L}\right)\left(C_{2}L_{2}g_{m}r_{o}s^{2} + C_{2}L_{2}s^{2} + C_{2}R_{2}g_{m}r_{o}s + C_{2}R_{2}s + C_{2}r_{o}s + g_{m}r_{o} + 1\right)}
                                                                                                                                                                                                                                              \frac{1}{C_1 s}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_T s}}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                H(s) = \frac{R_L \left( C_{gd} s - g_m \right) \left( C_L L_L s^2 + 1 \right) \left( C_1 L_1 s^2 + C_1 R_1 s + 1 \right) \left( C_2 L_2 g_m r_o s^2 + C_2 L_2 s^2 + C_2 R_2 g_m r_o s + C_2 R_2 s + C_2 r_o s + g_m r_o + 1 \right)}{R_L \left( C_{gd} s - g_m \right) \left( C_L L_L s^2 + 1 \right) \left( C_1 L_1 s^2 + C_1 R_1 s + 1 \right) \left( C_2 L_2 g_m r_o s^2 + C_2 L_2 s^2 + C_2 R_2 g_m r_o s + C_2 R_2 s + C_2 r_o s + g_m r_o + 1 \right)}
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10.621 INVALID-ORDER-621 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, R_L\right)
                                                  H(s) = \frac{1}{C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_2 R_L r_o^2 s^7 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R
                                                  10.622 INVALID-ORDER-622 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{1}{C_L s}\right)
                                                  H(s) = \frac{1}{s\left(C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{1}L_{2}R_{2}r_{o}^{2}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{2}R_{1}R_{2}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}R_{2}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}R_{2}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}R_{2}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}R_{2}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}L_{2}R_{1}R_{2}r_{o}s^{4} + C_{1}C_{2}
                                                 10.623 INVALID-ORDER-623 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
                                                  10.624 INVALID-ORDER-624 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
H(s) = \frac{\left(C_{gd}s - g_{m}\right)\left(C_{L}R_{L}s + 1\right)\left(C_{1}L_{1}s^{2} + C_{1}R_{1}s + 1\right)\left(C_{2}L_{2}R_{2}g_{m}r_{o}s^{2} + C_{2}L_{2}r_{o}s^{2} + L_{2}g_{m}r_{o}s + L_{2}s + R_{2}g_{m}r_{o}s + L_{2}s + L_{2}s + R_{2}s + L_{2}s + L_{2}
                                                10.625 INVALID-ORDER-625 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
H(s) = \frac{\left(C_{gd}s - g_{m}\right)\left(C_{L}L_{L}s^{2} + 1\right)\left(C_{1}L_{1}s^{2} + C_{1}R_{1}s + 1\right)\left(C_{2}L_{2}R_{2}g_{m}r_{o}s^{2} + C_{2}L_{2}r_{o}s^{2} + L_{2}g_{m}r_{o}s + L_{2}s + R_{2}g_{m}r_{o}s + L_{2}s + L_
                                                10.626 INVALID-ORDER-626 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
                                                  H(s) = \frac{H(s)}{C_1 C_2 C_L C_{qd} C_{qs} L_1 L_2 L_L R_2 r_o^2 s^8 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o^2 s^7 + C_1 C_2 C_L C_{qd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_1 L_2 L_L R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{qd} L_2 L_L R_1 R_2 r_o
                                                  10.627 INVALID-ORDER-627 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       H(s) = \frac{\left(C_{gd}s - g_m\right)\left(C_1L_1s^2 + C_1R_1s + 1\right)\left(C_LL_Ls^2 + C_LR_Ls + 1\right)\left(C_2L_2R_2g_mr_os^2 + C_2L_2R_2s^2 + C_2L_2r_os^2 + L_2g_mr_os + L_2s + R_2g_mr_o + R_2 + r_o\right)}{\left(C_1L_1s^2 + C_1R_1s + 1\right)\left(C_2L_2R_2s + C_2L_2R_2s^2 + C_2L_2r_os^2 + L_2g_mr_os + L_2s + R_2g_mr_o + R_2 + r_o\right)}
                                                                                                                                                                                                                                                                                \frac{L_{2s}}{C_{1s}}, \frac{L_{2s}}{C_{2}L_{2s}^{2}+1}+R_{2}, \infty, \infty, \infty, \frac{1}{C_{Ls}+\frac{1}{R_{L}}+\frac{1}{L_{Ls}}}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     H(s) = \frac{L_L R_L s \left(C_{gd} s - g_m\right) \left(C_1 L_1 s^2 + C_1 R_1 s + 1\right) \left(C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + L_2 g_m r_o s + L_2 s + R_2 g_m r_o + R_2 + r_o\right)}{L_L R_L s \left(C_{gd} s - g_m\right) \left(C_1 L_1 s^2 + C_1 R_1 s + 1\right) \left(C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + L_2 g_m r_o s + L_2 s + R_2 g_m r_o + R_2 + r_o\right)}
                                                                                                                                                                                                                                                                                \frac{L_{2s}}{C_{1s}}, \frac{L_{2s}}{C_{2}L_{2s}^2+1} + R_2, \infty, \infty, \infty, \frac{L_{Ls}}{C_{L}L_{Ls}^2+1} + R_L
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     H(s) = \frac{\left(C_{gd}s - g_{m}\right)\left(C_{1}L_{1}s^{2} + C_{1}R_{1}s + 1\right)\left(C_{L}L_{L}R_{L}s^{2} + L_{L}s + R_{L}\right)\left(C_{2}L_{2}R_{2}g_{m}r_{o}s^{2} + C_{2}L_{2}R_{2}s^{2} + C_{2}L_{2}r_{o}s^{2} + L_{2}g_{m}r_{o}s + L_{2}s + R_{2}g_{m}r_{o} + R_{2} + r_{o}\right)}{\left(C_{1}L_{1}s^{2} + C_{1}R_{1}s + 1\right)\left(C_{1}L_{L}R_{L}s^{2} + L_{L}s + R_{L}\right)\left(C_{2}L_{2}R_{2}g_{m}r_{o}s^{2} + C_{2}L_{2}R_{2}s^{2} + C_{2}L_{2}r_{o}s^{2} + L_{2}g_{m}r_{o}s + L_{2}s + R_{2}g_{m}r_{o} + R_{2} + r_{o}\right)}
                                                                                                                                                                                                                                                                                  \frac{L_2s}{C_1s}, \frac{L_2s}{C_2L_2s^2+1} + R_2, \infty, \infty, \infty, \frac{R_L\left(L_Ls + \frac{1}{C_Ls}\right)}{L_Ls + R_L + \frac{1}{C_Ls}}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  H(s) = \frac{R_L \left( C_{gd} s - g_m \right) \left( C_L L_L s^2 + 1 \right) \left( C_1 L_1 s^2 + C_1 R_1 s + 1 \right) \left( C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + L_2 g_m r_o s + L_2 s + R_2 g_m r_o + R_2 + r_o \right)}{R_L \left( C_{gd} s - g_m \right) \left( C_L L_L s^2 + 1 \right) \left( C_1 L_1 s^2 + C_1 R_1 s + 1 \right) \left( C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + L_2 g_m r_o s + L_2 s + R_2 g_m r_o + R_2 + r_o \right)}
                                                                                                                                                                                                                                                                                \frac{R_2\left(L_2s + \frac{1}{C_2s}\right)}{L_2s + R_2 + \frac{1}{C_2s}}, \ \infty, \ \infty, \ \infty, \ R_L
                                                  H(s) = \frac{1}{C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_2 R_L r_o^2 s^7 + C_1 C_2 C_{gd}^2 C_{gs} L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 
                                                  10.632 INVALID-ORDER-632 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
                                                  H(s) = \frac{}{s\left(C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{1}L_{2}R_{2}r_{o}^{2}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{2}R_{1}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}R_{2}r_{o}s^{5} + C_{1}C_{2}C_{L}C_{gd}L_{2}R_{1}R_{2}r_{o}s^{5} + C_{1}C_{2}C_{L}C
                                                  10.633 INVALID-ORDER-633 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
                                                  H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_1 L_2 R_2 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_2 R_1 R_2 R_L r_o s^
                                                 10.634 INVALID-ORDER-634 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
                                                 H(s) = \frac{}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{2}R_{2}R_{L}r_{o}^{2}s^{7} + C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{2}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{2}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{2}R
                                                 10.635 INVALID-ORDER-635 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
                                                  H(s) = \frac{}{s\left(C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{2}L_{L}R_{2}r_{o}s^{8} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{2}L_{L}R_{1}R_{2}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{2}L_{L}R_{1}R_{2}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{2}L_{L}R_{1}R_{2}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{2}L_{L}R_{1}R_{2}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{2}L_{L}R_{1}R_{2}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{2}L_{L}R_{1}R_{2}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{2}L_{L}R_{2}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{L}R_{2}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}^{2}C_{g
                                                  10.636 INVALID-ORDER-636 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
                                                 10.637 INVALID-ORDER-637 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   H(s) = \frac{\left(C_{gd}s - g_{m}\right)\left(C_{1}L_{1}s^{2} + C_{1}R_{1}s + 1\right)\left(C_{L}L_{L}s^{2} + C_{L}R_{L}s + 1\right)\left(C_{2}L_{2}R_{2}g_{m}r_{o}s^{2} + C_{2}L_{2}R_{2}s^{2} + C_{2}L_{2}r_{o}s^{2} + C_{2}R_{2}r_{o}s + R_{2}g_{m}r_{o} + R_{2} + r_{o}\right)}{\left(C_{1}L_{1}s^{2} + C_{1}R_{1}s + 1\right)\left(C_{1}L_{L}s^{2} + C_{L}R_{L}s + 1\right)\left(C_{2}L_{2}R_{2}g_{m}r_{o}s^{2} + C_{2}L_{2}R_{2}s^{2} + C_{2}L_{2}r_{o}s^{2} + C_{2}R_{2}r_{o}s + R_{2}g_{m}r_{o} + R_{2} + r_{o}\right)}
                                                                                                                                                                                                                                                                                  \frac{1}{C_1 s}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_I} + \frac{1}{L_I s}}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              H(s) = \frac{L_L R_L s \left(C_{gd} s - g_m\right) \left(C_1 L_1 s^2 + C_1 R_1 s + 1\right) \left(C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + C_2 R_2 r_o s + R_2 g_m r_o + R_2 + r_o\right)}{2 \left(C_1 L_1 s^2 + C_1 R_1 s + 1\right) \left(C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + C_2 R_2 r_o s + R_2 g_m r_o + R_2 + r_o\right)}
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10.639 INVALID-ORDER-639 Z(s) = \left(L_1 s + R_1 + \frac{1}{C_1 s}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
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$H(s) = \frac{\left(C_{gd}s - g_{m}\right)\left(C_{1}L_{1}s^{2} + C_{1}R_{1}s + 1\right)\left(C_{L}L_{L}R_{L}s^{2} + L_{L}s + R_{L}\right)\left(C_{2}L_{2}R_{2}g_{m}r_{o}s^{2} + C_{2}L_{2}R_{2}s^{2} + C_{2}L_{2}r_{o}s^{2} + C_{2}R_{2}r_{o}s + R_{2}g_{m}r_{o} + R_{2} + r_{o}\right)}{\left(C_{1}L_{1}s^{2} + C_{1}R_{1}s + 1\right)\left(C_{1}L_{L}R_{L}s^{2} + L_{L}s + R_{L}\right)\left(C_{2}L_{2}R_{2}g_{m}r_{o}s^{2} + C_{2}L_{2}r_{o}s^{2} + C_{2}L_{2}r_{o}s^{2} + C_{2}R_{2}r_{o}s + R_{2}g_{m}r_{o} + R_{2} + r_{o}\right)}$

 $\frac{R_2\left(L_2s + \frac{1}{C_2s}\right)}{L_2s + R_2 + \frac{1}{C_2s}}, \ \infty, \ \infty, \ \infty, \ \frac{R_L\left(L_Ls + \frac{1}{C_Ls}\right)}{L_Ls + R_L + \frac{1}{C_Ls}}\right)$

 $H(s) = \frac{R_L \left(C_{gd} s - g_m \right) \left(C_L L_L s^2 + 1 \right) \left(C_1 L_1 s^2 + C_1 R_1 s + 1 \right) \left(C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + C_2 R_2 r_o s + R_2 g_m r_o + R_2 + r_o \right)}{R_L \left(C_{gd} s - g_m \right) \left(C_L L_L s^2 + 1 \right) \left(C_1 L_1 s^2 + C_1 R_1 s + 1 \right) \left(C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + C_2 R_2 r_o s + R_2 g_m r_o + R_2 + r_o \right)}$

 $\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, R_2, \infty, \infty, \infty, R_L$

 $L_{1}R_{1} = \frac{L_{1}R_{1}}{C_{1}C_{gd}^{2}L_{1}R_{1}R_{2}R_{L}r_{o}s^{4} - C_{1}C_{gd}L_{1}R_{1}R_{2}R_{L}r_{o}s^{3} + C_{2}C_{gd}L_{1}R_{1}R_{2}R_{L}r_{o}s^{3} + C_{2}C_{gd}L_{1}R_{1}R_{2}R_{L}r_$

10.642 INVALID-ORDER-642 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, R_2, \infty, \infty, \infty, \frac{1}{C_L s}\right)$

 $L_{1}R_{1}s\left(C_{gd}s-g_{m}\right)\left(R_{2}g_{m}r_{o}+R_{2}+r_{o}\right)\\ =\frac{L_{1}R_{1}s\left(C_{gd}s-g_{m}\right)\left(R_{2}g_{m}r_{o}+R_{2}+r_{o}\right)}{C_{1}C_{L}C_{gd}L_{1}R_{1}R_{2}r_{o}s^{4}-C_{1}C_{L}L_{1}R_{1}R_{2}g_{m}r_{o}s^{3}+C_{L}C_{gd}L_{1}R_{1}R_{2}r_{o}s^{4}+C_{L}C_{gd}L_{1}R_{1}R_{2}r_{o}s^{3}+C_{L}C_{gd}L_{1}R_{1}R_{2}r_{o}s^{4}+C_{L}C_{gd}L_{1}R_{1}R_{2}r_{o}s^{3}+C_{L}C_{gd}L_{1}R_{1}R_$

10.643 INVALID-ORDER-643 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, R_2, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)$

 $H(s) = \frac{1}{C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 - C_1 C_L L_1 R_1 R_2 R_L r_o s^3 + C_L C_{gd} L_1 R_1 R_2 R_L r_o s^$

10.644 INVALID-ORDER-644 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, R_2, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)$

 $H(s) = \frac{1}{C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 - C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_$

10.645 INVALID-ORDER-645 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, R_2, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)$

 $H(s) = \frac{1}{C_1 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^6 - C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^5 + C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^5$

10.646 INVALID-ORDER-646 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)$

 $H(s) = \frac{1}{C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^5 - C_1 C_L L_1 L_L R_1 R_2 g_m r_o s^4 + C_1 C_{gd} L_1 L_L R_1 R_2$

10.647 INVALID-ORDER-647 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, R_2, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)$

 $H(s) = \frac{1}{C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^4 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^4 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 r_$

10.648 INVALID-ORDER-648 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, R_2, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)$

 $H(s) = \frac{H(s)}{C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^5 - C_1 C_L L_L L_R R_2 R_L r_o s^4 + C_1 C_{gd} L_1 L_L R_1$

10.649 INVALID-ORDER-649 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)$

 $H(s) = \frac{1}{C_1 C_L C_{ad}^2 L_1 L_L R_1 R_2 R_L r_o s^6 - C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^4 + C_1 C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^4 + C$

10.650 INVALID-ORDER-650 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, R_2, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)$

 $H(s) = \frac{1}{C_1 C_L C_{ad}^2 L_1 L_L R_1 R_2 R_L r_o s^6 - C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^4 - C_1 C_L L_L L_R R_2 R_L r_o s^4 - C_1 C_L L_L R_1 R_2 R_L r_o s^4 - C_1 C_L L_L L_R R_2 R_L r_o s^4 - C_1 C_L L_L R_1 R_2 R_L r_o s^4 - C_1 C_L L_L R_1 R_2 R_L r_o s^4 - C_1 C_L L_L R_1 R_2 R_L r_o s^4 - C_1 C_L L_L R_1 R_2 R_L r_o s^4 - C_1 C_L L_L R_1 R_2 R_L r_o s^4 - C_1 C_L L_L R_1 R_2 R_L r_o s^4 - C_1 C_L L_L R_1 R_2 R_L r_o s^4 - C_1 C_L L_L R_1 R_2 R_L r_o s^4 - C_1 C_L L_L R_1 R_2 R_L r_o s^4 - C_1 C_L L_L R_1 R_2 R_L r_o s^4 - C_1 C_L L_L R_1 R_2 R_L r_o s^4 - C_1 C_L L_L R_1 R_2 R_L r_o s^4 - C_1 C_L L_L R_1 R_2 R_L r_o s^4 - C_1 C_L L_L R_1 R_2 R_L r_o s^4 - C_1 C_L L_L R_1 R_2 R_L r_o s^4 - C_1 C_L L_L R_1 R_2 R_L r_o s^4 - C_1 C_L L_L R_1 R_2 R_L r_o s^4 - C_$

10.651 INVALID-ORDER-651 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{1}{C_2 s}, \infty, \infty, \infty, R_L\right)$

 $H(s) = \frac{L_1 R_1 R_2 S \left(- \frac{1}{2} \frac{1}{2}$

10.652 INVALID-ORDER-652 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s}\right)$

 $H(s) = \frac{L_1 R_1 s \left(C_{gd} s - g_m \right) \left(C_2 r_o s + g_m r_o + 1 \right)}{C_1 C_2 C_{gd} L_1 R_1 r_o s^4 - C_1 C_2 L_1 R_1 g_m r_o s^3 + C_1 C_2 d_L R_1 r_o s^4 - C_2 C_{gd} L_1 R_1 r_o s^4 - C_2 C_{gd} L_1 R_1 r_o s^4 + C_2 C_{gd} L_1 R_1 r_o s^4 +$

10.653 INVALID-ORDER-653 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)$

 $H(s) = \frac{1}{C_1 C_2 C_{gd} L_1 R_1 R_L r_o s^4 - C_1 C_2 L_1 R_1 R_L g_m r_o s^3 + C_1 C_2 G_d L_1 R_1 R_L r_o s^4 - C_1 C_d L_1 R_1 R_L g_m r_o s^3 + C_1 C_{gd} L_1 R_1 R_L r_o s^4 - C_1 C_{gd} L_1 R_1 R_L r_o s^4 - C_2 C_{gd} L$

10.654 INVALID-ORDER-654 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{1}{C_2 s}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)$

 $H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 R_1 R_L r_o s^5 - C_1 C_2 C_L L_1 R_1 R_L r_o s^5 - C_1 C_2 C_L L_1 R_1 R_L r_o s^5 - C_2 C_L C_{gd} L_1 R_1 R_L r_o s^5 -$

10.655 INVALID-ORDER-655 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)$

 $H(s) = \frac{H(s)}{C_1 C_2 C_L C_{qd} L_1 L_L R_1 r_o s^6 - C_1 C_2 C_L L_1 L_L R_1 g_m r_o s^5 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 r_o s^6 - C_1 C_L C_{qd} L_1 L_L R_1 r_o s^6 - C_1 C_L C_{qd} L_1 L_L R_1 r_o s^6 - C_1 C_L C_{qd} L_1 L_L R_1 r_o s^6 + C_2 C_L C_{qd} L_1 L_L R_1 r_o s^6 + C_2 C_L C_{qd} L_1 L_L R_1 r_o s^6 - C_1 C_L C_{qd} L_1 L_L R_1 r_o s^6 - C_1 C_L C_{qd} L_1 L_L R_1 r_o s^6 - C_1 C_L C_{qd} L_1 L_L R_1 r_o s^6 + C_2 C_L C_{qd} L_1 L_L$

10.656 INVALID-ORDER-656 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)$

 $H(s) = \frac{H(s)}{C_1 C_2 C_{qd} L_1 L_L R_1 r_o s^5 - C_1 C_2 L_1 L_L R_1 g_m r_o s^4 + C_1 C_2 d_L L_L R_1 r_o s^5 - C_1 C_2 L_1 L_L R_1 g_m r_o s^4 + C_1 C_2 d_L L_L R_1 r_o s^5 - C_1 C_2 L_1 L_L R_1 g_m r_o s^4 + C_1 C_2 d_L L_L R_1 r_o s^5 - C_2 C_2 d_L R_1$

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10.657 INVALID-ORDER-657 Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{1}{C_2 s}, \infty, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
H(s) = \frac{1}{C_1 C_2 C_3 C_4 L_4 L_5 R_5 r_5 e^6 + C_4 C_2 C_5 C_4 L_4 R_5 R_5 r_5 e^5 - C_4 C_2 C_5 L_4 L_5 R_5 r_6 r_5 e^5 - C_4 C_2 C_5 L_5 R_5 R_5 r_6 r_5 e^4 + C_4 C_5 R_5 R_5 r_6 r_5 e^5 - C_4 C_2 C_5 L_5 R_5 R_5 r_6 r_5 e^4 + C_4 C_5 R_5 R_5 r_6 r_5 e^5 - C_4 C_2 C_5 L_5 R_5 R_5 r_6 r_5 e^4 + C_4 C_5 R_5 R_5 r_6 r_5 e^5 - C_4 C_2 C_5 L_5 R_5 R_5 r_6 r_5 e^5 - C_4 C_2 C_5 L_5 R_5 R_5 r_6 r_5 e^5 - C_4 C_2 C_5 L_5 R_5 R_5 r_6 r_5 e^5 - C_4 C_2 C_5 L_5 R_5 R_5 r_6 e^5 + C_4 C_2 C_5 R_5 R_5 r_6 e^5 - C_4 C_2 R_5 R_5 r_6 e^5 - C_4 R_5 R_5 r_6 e^5 - C_4 C_2 R_5 R_5 r_6 e^5 - C_4 C_2 R_5 R_5 r_6 e^5 - C_4 C_2 R_5 R_5 r_6 e^5 - C_4 R_5 R_5 r_6 e^5 - C_5 R_5 R_5 r_6 r_6 R_5 R_5 r_6 e^5 - C_5 R_5 R_5 r_6 r_6 R_5 R_5 r_6
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 $H(s) = \frac{1}{C_1C_2C_LC_{gd}L_1L_LR_1r_os^6 + C_1C_2C_LC_{gd}L_1R_1R_Lr_os^5 - C_1C_2C_LL_1R_1R_Lr_os^5 - C_1C_2C_LL_1R_1R_Lr_os^5 - C_1C_2C_LL_1R_1R_Lr_os^5 - C_1C_LC_{gd}L_1R_1r_os^4 - C_1C_LC_{gd}L_1R_1r_os$

10.658 INVALID-ORDER-658 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{gd}L_{1}L_{L}R_{1}R_{L}r_{o}s^{5} - C_{1}C_{2}L_{1}L_{L}R_{1}R_{L}r_{o}s^{5} - C_{1}C_{L}L_{L}L_{R}R_{L}r_{o}s^{5} - C_$

10.659 INVALID-ORDER-659 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}L_{1}L_{L}R_{1}R_{L}r_{o}s^{6} - C_{1}C_{2}C_{L}L_{L}L_{R}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{1}L_{L}R_{1}r_{o}s^{5} +$

10.660 INVALID-ORDER-660 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}L_{1}L_{L}R_{1}R_{L}r_{o}s^{6} - C_{1}C_{2}C_{L}L_{1}L_{L}R_{1}R_{L}r_{o}s^{5} + C_{1}C_{L}C_{gd}L_{1}L_{L}R_{1}R_{L}r_{o}s^{6} - C_{1}C_{L}C_{L}L_{L}R_{1}R_{L}r_{o}s^{6} - C_{1}C_{L}C_{gd}L_{1}L_{L}R_{1}R_{L}r_{o}s^{6} - C_{1}C_{L}C_{gd}L_{1}L_{L$

10.661 INVALID-ORDER-661 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, R_L\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{gd}L_{1}R_{1}R_{2}R_{L}r_{o}s^{4} - C_{1}C_{2}L_{1}R_{1}R_{2}R_{L}r_{o}s^{3} + C_{1}C_{gd}L_{1}R_{1}R_{2}R_{L}r_{o}s^{3} + C_{1$

10.662 INVALID-ORDER-662 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{1}{C_L s}\right)$

 $H(s) = \frac{1}{C_1 C_2 C_{gd} L_1 R_1 R_2 r_o s^4 - C_1 C_2 L_1 R_1 R_2 g_m r_o s^3 + C_1 C_2 G_d L_1 R_1 R_2 r_o s^4 - C_1 C_{gd} L_$

10.663 INVALID-ORDER-663 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)$

 $H(s) = \frac{1}{C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 - C_1 C_2 L_1 R_1 R_2 R_L r_o s^4 - C_1 C_2 L_1 R_1 R_2 R_L r_o s^4 - C_1 C_{gd} L_1 R_1 R_2 R_L r_o s^4 -$

10.664 INVALID-ORDER-664 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}L_{1}R_{1}R_{2}R_{L}r_{o}s^{5} - C_{1}C_{2}C_{L}L_{1}R_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{L}C_{gd}L_{1}R_{1}R_{2}R_{L}r_{o}s^{5} - C_{1}C_{L}C_{gd}L_{$

10.665 INVALID-ORDER-665 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}L_{1}L_{L}R_{1}R_{2}r_{o}s^{6} - C_{1}C_{2}C_{L}L_{1}L_{L}R_{1}R_{2}r_{o}s^{5} + C_{1}C_{L}C_{gd}L_{1}L_{L}R_{1}R_{2}r_{o}s^{5} + C_{1}C_{L}C_{gd}L_{$

10.666 INVALID-ORDER-666 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{gd}L_{1}L_{L}R_{1}R_{2}r_{o}s^{5} - C_{1}C_{2}L_{1}L_{L}R_{1}R_{2}r_{o}s^{5} - C_{1}C_{L}L_{L}L_{R}R_{2}r_{o}s^{5} - C_$

10.667 INVALID-ORDER-667 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}L_{1}L_{L}R_{1}R_{2}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{1}R_{1}R_{2}r_{o}s^{5} - C_{1}C_{L}C_{gd}L_{1}R_{1}R_{2}r_{o}s^{5} - C_{1}C_{L}C_{gd}L_{1}R_{1}R_{2}r_{o}s^{5} + C_{1}C_{L}C_{gd}L_{1}R_{1}R_{2}r_{o}s^{5} - C_{1}C_{L}C_{gd}L_{1}R_{1}R_{2}r_{o}s$

10.668 INVALID-ORDER-668 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{gd}L_{1}L_{L}R_{1}R_{2}R_{L}r_{o}s^{5} - C_{1}C_{2}L_{1}L_{L}R_{1}R_{2}R_{L}r_{o}s^{5} - C_{1}C_{L}L_{L}L_{R}R_{2}R_{L}r_{o}s^{5} - C_{1}C_{L}L_{L}L_{R}R_{2}R_{L}r_{o}s^{$

10.669 INVALID-ORDER-669 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}L_{1}L_{L}R_{1}R_{2}R_{L}r_{o}s^{6} - C_{1}C_{2}C_{L}L_{1}L_{L}R_{1}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{1}L_{L}R_{1}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{L}C_{gd}L_{1}L_{L}R_{1}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{L}C_{gd}L_{1}L_{L}R_{1$

10.670 INVALID-ORDER-670 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}L_{1}L_{L}R_{1}R_{2}R_{L}r_{o}s^{6} - C_{1}C_{2}C_{L}L_{1}L_{L}R_{1}R_{2}R_{L}r_{o}s^{4} - C_{1}C_{L}L_{1}L_{L}R_{1}R_{2}R_{L}r_{o}s^{4} - C_{1}C_{L}L_{1}L_{1}R_{1}R_{2}R_{L}r_{o}s^{4} - C_{1}C_{L}L_{1}L_{1}R_{1}R_{2}R_{L}r_{o}s^{4} - C_{1}C_{L}L_{1}L_{1}R_{1}R_{2}R_{L}r_{o}s^{4} -$

10.671 INVALID-ORDER-671 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{gd}^{2}L_{1}R_{1}R_{2}R_{L}r_{o}s^{5} - C_{1}C_{2}C_{gd}L_{1}R_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{2}C_{gd}L_{$

10.672 INVALID-ORDER-672 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s}\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}L_{1}R_{1}R_{2}r_{o}s^{5} - C_{1}C_{2}C_{L}L_{1}R_{1}R_{2}g_{m}r_{o}s^{4} + C_{1}C_{2}C_{gd}L_{1}R_{1}R_{2}r_{o}s^{5} - C_{1}C_{2}C_{L}L_{1}R_{1}R_{2}g_{m}r_{o}s^{4} + C_{1}C_{2}C_{gd}L_{1}R_{1}R_{2}r_{o}s^{5} - C_{1}C_{2}C_{L}L_{1}R_{1}R_{2}g_{m}r_{o}s^{4} + C_{1}C_{2}C_{gd}L_{1}R_{1}R_{2}r_{o}s^{4} + C_{1}C_{2}C_{gd}L_{1}R_{1}R_{2}r_{o}s^{4} + C_{1}C_{2}C_{gd}L_{1}R_{1}R_{2}r_{o}s^{4} + C_{1}C_{2}C_{gd}L_{1}R_{1}R_{2}r_{o}s^{4} + C_{1}C_{2}C_{gd}L_{1}R_{1}R_{2}r_{o}s^{4} + C_{2}C_{L}C_{gd}L_{1}R_{1}R_{2}r_{o}s^{4} + C_{2}C_{L}C_{gd}L_{1}R_{1}R_{2}r_{o$

10.673 INVALID-ORDER-673 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}L_{1}R_{1}R_{2}R_{L}r_{o}s^{5} - C_{1}C_{2}C_{L}L_{1}R_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{2}C_{gd}L_{1}R_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{2}C_{gd}L_{$

10.674 INVALID-ORDER-674 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)$

 $H(s) = \frac{1}{C_1 C_2 C_L C_{ad}^2 L_1 R_1 R_2 R_L r_o s^6 - C_1 C_2 C_L L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 C_L L_2 R_1 R_2 R_L r_o s^5 - C_1 C_2 C$

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10.675 INVALID-ORDER-675 Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
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 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}L_{L}R_{1}R_{2}r_{o}s^{7} - C_{1}C_{2}C_{L}C_{gd}L_{1}L_{L}R_{1}R_{2}g_{m}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{L}R_{1}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{L}R_{1}r_{o}s^{4} - C_{1}C_{L}C_{gd}L_{1}L_{L}R_{1}r_{o}s^{4} - C_{1}C_{L}C_{$

10.676 INVALID-ORDER-676 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}L_{1}L_{L}R_{1}R_{2}r_{o}s^{6} - C_{1}C_{2}C_{L}L_{1}L_{L}R_{1}R_{2}g_{m}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{1}L_{L}R_{1}R_{2}g_{m}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{1}L_{L}R_{1}R_{2$

10.677 INVALID-ORDER-677 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}L_{L}R_{1}R_{2}r_{o}s^{7} + C_{1}C_{2}C_{L}C_{gd}L_{1}R_{1}R_{2}r_{o}s^{5} - C_{1}C_{2}C_{L$

10.678 INVALID-ORDER-678 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}L_{1}L_{L}R_{1}R_{2}R_{L}r_{o}s^{6} - C_{1}C_{2}C_{L}L_{L}L_{R}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{1}L_{L}R_{1}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{1}L_{L}R_{1}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{1}L_{L}R_{1}R_{L}$

10.679 INVALID-ORDER-679 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}L_{L}R_{1}R_{2}R_{L}r_{o}s^{7} - C_{1}C_{2}C_{L}C_{gd}L_{1}L_{L}R_{1}R_{2}R_{L}g_{m}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{1}L_{L}R_{1}R_{2}R_{L}g_{m}r_{o}s^{5} + C_{1}C_{2}C_{gd}L$

10.680 INVALID-ORDER-680 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}L_{L}R_{1}R_{2}R_{L}r_{o}s^{7} - C_{1}C_{2}C_{L}C_{gd}L_{1}L_{L}R_{1}R_{2}R_{L}g_{m}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{L}R_{1}R_{2}R_{L}g_{m}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{L}R_{1}R_{2}R_{L}g_{m}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{L}R_{1}R_{2}R_{L}g_{m}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}L_{1}R_{L}R_{1}R_{2}R_{L}g_{m}r_{o}s^{4} + C_{1}C_{2}C_{L}C_{gd}L_{1}R_{1}R_{2}R_{L}g_{m}r_{o}s^{4} + C_{1}C_{2}C_{L}C$

10.681 INVALID-ORDER-681 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L\right)$

 $H(s) = \frac{1}{C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_1 R_L r_o s^5 + C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^4 - C_1 C_2 L_1 L_2 R_1 R_L r_o s^4 - C_1 C_2 L_2 L_1 R_1 R_L r_o s^4 - C_1 C_2 L_1 L_2 R_1 R_L r_o s^4 - C_1 C_2 L_2 L_1 R_1 R_L r_o s^4 - C_1 C_2 L_2 L_2 R_1 R_L r_o s^4 - C_1 C_2 L_2 R_1 R_L r_o s^4 -$

10.682 INVALID-ORDER-682 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s}\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}R_{1}r_{o}s^{6} - C_{1}C_{2}C_{L}L_{1}L_{2}R_{1}g_{m}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{1}L_{2}R_{1}r_{o}s^{6} - C_{1}C_{2}C_{L}L_{2}R_{1}g_{m}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{1}L_{2}R_{1}r_{o}s^{4} - C_{1}C_{L}L_{2}R_{1}g_{m}r_{o}s^{5} + C_{2}C_{L}C_{gd}L_{1}L_{2}R_{1}r_{o}s^{4} - C_{1}C_{L}L_{2}R_{1}g_{m}r_{o}s^{5} + C_{2}C_{L}C_{gd}L_{1}L_{2}R_{1}r_{o}s^{4} - C_{1}C_{L}L_{2}R_{1}g_{m}r_{o}s^{5} + C_{2}C_{L}C_{gd}L_{1}L_{2}R_{1}r_{o}s^{4} + C_{2}C_{L}C_{gd}L_{1}L_{2}R_{1}r_{o}s^{4} + C_{2}C_{L}C_{gd}L_{1}R_{1}r_{o}s^{4} + C_{2}C_{L}C_{gd}L_{1}R_{1}r_{o}s$

10.683 INVALID-ORDER-683 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}R_{1}R_{L}r_{o}s^{6} - C_{1}C_{2}C_{L}L_{1}L_{2}R_{1}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{1}L_{2}R_{1}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{$

10.684 INVALID-ORDER-684 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)$

 $H(s) = \frac{1}{C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_L r_o s^7 - C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^5 - C_1 C_2 C_L L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_1 r_o s^6 - C_1 C_2 C_L L_1 R_1 R_L r_o s^5 - C_1 C_2 C_L L_1 R_1 R_L r_o s^5 - C_1 C_2 C_L L_1 R_1 R_L r_o s^6 - C_1 C_2 C_L L_1 R_1 R_L r_$

10.685 INVALID-ORDER-685 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)$

 $H(s) = \frac{1}{C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^8 - C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 g_m r_o s^5 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 g_m r_o s^5 + C$

10.686 INVALID-ORDER-686 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{L}R_{1}r_{o}s^{7} - C_{1}C_{2}C_{L}L_{1}L_{2}L_{L}R_{1}r_{o}s^{5} - C_{1}C_{2}L_{1}L_{2}L_{L}R_{1}r_{o}s^{5} - C_{1}C_{2}L_{1}L_{2}L_{L}R_{1}r_{o}s^{5} - C_{1}C_{2}L_{1}L_{2}L_{L}R_{1}r_{o}s^{5} - C_{1}C_{2}L_{1}L_{2}L_{L}R_{1}r_{o}s^{5} - C_{1}C_{2}L_{1}L_{2}L_{L}R_{1}r_{o}s^{5} - C_{1}C_{2}L_{1}L_{2}L_{L}R_{1}r_{o}s^{5} - C_{1}C_{2}L_{1}L_{L}R_{1}r_{o}s^{5} -$

10.687 INVALID-ORDER-687 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}L_{2}L_{L}R_{1}r_{o}s^{8} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}R_{1}r_{o}s^{6} + C_{1}C_{2}C_{L$

10.688 INVALID-ORDER-688 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{L}R_{1}R_{L}r_{o}s^{7} - C_{1}C_{2}C_{L}L_{L}L_{L}R_{1}R_{L}r_{o}s^{5} - C_{1}C_{2}L_{L}L_{L}R_{1}R_{L}r_{o}s^{5} - C_{1}C_{2}L_{L}L_{L}R_{1}R_{L}r_{$

10.689 INVALID-ORDER-689 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}L_{2}L_{L}R_{1}R_{L}r_{o}s^{8} - C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{L}R_{1}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{1}L_{2}L_{L}R_{1}r_{o}s^{5} + C_{1$

10.690 INVALID-ORDER-690 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}L_{2}L_{L}R_{1}R_{L}r_{o}s^{8} - C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{L}R_{1}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{L}R_{1}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{L}R_{1}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}R_{L}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}R_{L}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}R_{L}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{L}L_{L}L_{L}R_{1}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}R_{L}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}L_{L}L_{L}R_{1}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}L_{L}L_{L}R_{L}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}L_{L}L_{L}R_{L}R_{L}r_{o}s^{6} + C_{1}C_{L}L_{L}R_{L}R_{L}r_{o}s^{6} + C_{1}C_{L}L_{L}L_{L}R_{L}R_{L}r_{o}s^{6} + C_$

10.691 INVALID-ORDER-691 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{gd}^{2}L_{1}L_{2}R_{1}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{gd}^{2}L_{1}R_{1}R_{L}r_{o}s^{4} - C_{1}C_{2}L_{1}R_{1}R_{L}r_{o}s^{4} + C_{1}C_{2}C_{gd}L_{1}R_{1}R_{L}r_{o}s^{4} + C$

10.692 INVALID-ORDER-692 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s}\right)$

 $H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 - C_1 C_2 C_L L_1 R_1 R_2 r_o s^5 - C_1 C_2 C_L L_1 R_1 R_2 r_o s^5 - C_1 C_2 C_L L_1 R_1 R_2 r_o s^5 - C_1 C_2 C_{gd} L_1 R_1 R_2 r_o s^5 - C_1 C_2 C_L L_1 R_1 R_2 r_o s^5 - C_1 C_2 C_{gd} L_1 R_1 R_2 r_o s^5 - C_1 C_2 C_{gd} L_1 R_1 R_2 r_o s^5 - C_1 C_2 C_L L_1 R_1 R_2 r_o s^5 - C_1 C_2 C_{gd} L_1 R_1 R_2 r_o s^5 - C_1$

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10.693 INVALID-ORDER-693 Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
   H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}R_{1}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}L_{1}L_{2}R_{1}R_{L}r_{o}s^{5} - C_{1}C_{2}C_{L}L_{1}L_{2}R_{1}R_{L}r_{o}s^{5} - C_{1}C_{2}C_{L}L_{1}R_{1}R_{L}r_{o}s^{5} - C_{1}C_{2}C_{gd}L_{1}R_{1}R_{L}r_{o}s^{5} - C_{1}C_{2}C_{gd}L_{1}R_{1}R_{L}r_{o
  10.694 INVALID-ORDER-694 Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
  H(s) = \frac{1}{C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R
  10.695 INVALID-ORDER-695 Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
  H(s) = \frac{1}{C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 r_o s^6 + C_1 C_2
 10.696 INVALID-ORDER-696 Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
 H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{L}R_{1}r_{o}s^{7} + C_{1}C_{2}C_{L}L_{L}L_{L}R_{1}g_{m}r_{o}s^{6} - C_{1}C_{2}C_{L}L_{L}L_{L}R_{1}g_{m}r_{o}s^{6} + C_{1}C_{2}C_{gd}L_{1}L_{L}R_{1}r_{o}s^{7} + C_{1}C_{2}C_{gd}L_{1}L_{L}R_{1}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{1}L_{L}R_{1}r_{
 10.697 INVALID-ORDER-697 Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^8 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^7 + C_1 C
10.698 INVALID-ORDER-698 Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
 H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{L}R_{1}R_{L}r_{o}s^{7} + C_{1}C_{2}C_{gd}L_{1}L_{L}R_{1}R_{L}r_{o}s^{6} - C_{1}C_{2}C_{
10.699 INVALID-ORDER-699 Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
  10.700 INVALID-ORDER-700 Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
   H(s) = \frac{1}{C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_L r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_
  10.701 INVALID-ORDER-701 Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, R_L\right)
 H(s) = \frac{1}{C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C
  10.702 INVALID-ORDER-702 Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{1}{C_L s}\right)
10.703 INVALID-ORDER-703 Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{qd} L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 C_L L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{qd} L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 C_{dd} L_1 L_2 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{dd} L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 R_2 R_L r_o s^6 - C_1 C_2 L_1 L_2 R_1 
  10.704 INVALID-ORDER-704 Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
  H(s) = \frac{1}{C_1 C_2 C_L C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 - C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L L_2 L_2 R_1 R_2 r_o s^6 + C_1 C
 10.705 INVALID-ORDER-705 Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
  H(s) = \frac{1}{C_1 C_2 C_L C_{ad}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 - C_1 C_2 C_L C_{ad} L_1 L_2 L_L R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_L R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 L_2 R_2 r_o s^6 - C_1 C_2 
10.706 INVALID-ORDER-706 Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_s} + \frac{1}{L_1 s}}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{L}R_{1}R_{2}r_{o}s^{7} - C_{1}C_{2}C_{L}L_{1}L_{2}L_{L}R_{1}R_{2}r_{o}s^{5} - C_{1}C_{2}L_{1}L_{2}L_{L}R_{1}R_{2}r_{o}s^{5} - C_{1}C_{2}L_{1}L_{2}L_{L}R_{1}r_{o}s^{6} + C_{1}C_{2}C_{gd}L_{1}L_{2}L_{L}R_{1}r_{o}s^{6} + C_{1}C_{2}C_{gd}L_{1}L_{2}L_{L}R_{
10.707 INVALID-ORDER-707 Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
  H(s) = \frac{1}{C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2
  10.708 INVALID-ORDER-708 Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
 H(s) = \frac{H(s)}{C_1 C_2 C_L C_{ad} L_1 L_2 L_L R_1 R_2 R_L r_o s^7 - C_1 C_2 C_L L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 - C_1 C_2 L_1 L_2 L_L R_1 R_2 R_L r_o s^5 
 10.709 INVALID-ORDER-709 Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              H(s) = \frac{L_1 R_1 s \left(C_{gd} s - g_m\right) \left(C_L L_L R_L s^2 + L_L s + R_L\right) \left(C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + L_2 g_m r_o s + L_2 s + R_2 g_m r_o + R_2 + r_o\right)}{R_1 s \left(C_{gd} s - g_m\right) \left(C_1 L_L R_L s^2 + L_L s + R_L\right) \left(C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + L_2 g_m r_o s + L_2 s + R_2 g_m r_o + R_2 + r_o\right)}
                                                                                                                                                                                        \frac{L_2s}{C_1s + \frac{1}{R_1} + \frac{1}{L_1s}}, \quad \frac{L_2s}{C_2L_2s^2 + 1} + R_2, \quad \infty, \quad \infty, \quad \infty, \quad \frac{R_L\left(L_Ls + \frac{1}{C_Ls}\right)}{L_Ls + R_L + \frac{1}{C_Ls}}\right)
```

 $H(s) = \frac{L_1 R_1 R_L s \left(C_{gd} s - g_m\right) \left(C_L L_L s^2 + 1\right) \left(C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + L_2 g_m r_o s + L_2 s + R_2 g_m r_o + R_2 + r_o\right)}{L_1 R_1 R_2 s \left(C_{gd} s - g_m\right) \left(C_L L_L s^2 + 1\right) \left(C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + L_2 g_m r_o s + L_2 s + R_2 g_m r_o + R_2 + r_o\right)}$

```
10.711 INVALID-ORDER-711 Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{R_2\left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, R_L\right)
```

 $H(s) = \frac{1}{C_{1}C_{2}C_{gd}^{2}L_{1}L_{2}R_{1}R_{2}R_{L}r_{o}s^{6} - C_{1}C_{2}C_{gd}L_{1}L_{2}R_{1}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{1}R_{1}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_$

```
10.712 INVALID-ORDER-712 Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{R_2\left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
```

 $H(s) = \frac{H(s)}{C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 - C_1 C_2 C_L L_1 L_2 R_1 R_2 g_m r_o s^5 + C_1 C_2 C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^5 + C_1 C_2$

10.713 INVALID-ORDER-713 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{R_2\left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}R_{1}R_{2}R_{L}r_{o}s^{6} - C_{1}C_{2}C_{L}L_{1}L_{2}R_{1}R_{2}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{1}L_{2}R_{1}R_{2}R_{L}r_{o}s^{4} - C_{1}C_{2}L_{1}L_{2}R_{1}R_{2}R_{L}r_{o}s^{4} - C_{1}C_{2}L_{1}R_{1}R_{2}R_{L}r_{o}s^{4} - C_{1}C_{2}L_{1}L_{1}R_{1}R_{2}R_{L}r_{o}s^{4} - C_{1}C_{2}L_{1}L_{1}R_{1}R_{2}R_{L}r_{o}s^{4} -$

10.714 INVALID-ORDER-714 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{R_2\left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}L_{2}R_{1}R_{2}R_{L}r_{o}s^{7} - C_{1}C_{2}C_{L}L_{1}L_{2}R_{1}R_{2}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}R_{1}R_{2}r_{o}s^{6} + C_{1}C_{2}C_{L}L_{2}L_{1}R_{2}R_{2}r_{o}s^{6} + C_{1}C_{2}C_{L}L_{1}L_{2}R_{1}R_{2}r_{o}s^{6} + C_{1}C_{2}C_{L}L_{1}L_{2}R_{1}R_{2}r_{o}s^{$

10.715 INVALID-ORDER-715 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{R_2\left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)$

 $H(s) = \frac{H(s)}{C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 - C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_L R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_L R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_L R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_L R_1 R_2 r_o s^6 - C_1 C_2 C_L L_2 L_2 R_1 R_2 r$

10.716 INVALID-ORDER-716 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{R_2\left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)$

 $H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L L_1 L_2 L_L R_1 R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_1 R_1 R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_1 R_1 R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_1 R_1 R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_1 R_1 R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_1 R_1 R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_1 R_1 R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_1 R_1 R_2 r_o s^5 - C_1 C_2 L_1 L_2 L_1 R_1 R_2 r_o s^5 - C_1$

10.717 INVALID-ORDER-717 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{R_2 \left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}L_{2}L_{L}R_{1}R_{2}r_{o}s^{8} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}R_{1}R_{2}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{1$

10.718 INVALID-ORDER-718 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{R_2\left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{L}R_{1}R_{2}R_{L}r_{o}s^{7} - C_{1}C_{2}C_{L}L_{L}L_{L}R_{1}R_{2}R_{L}r_{o}s^{5} - C_{1}C_{2}L_{L}L_{L}R_{1}R_{2}R_{L}r_{o}s^{5} - C_{1}C_{2}L_{L}L_{L}R_{1}R_{2}R_{L}r_{o}s^{5} - C_{1}C_{L}L_{L}L_{R}R_{2}R_{L}r_{o}s^{5} - C_{1}C_{L}L_{L}L_{R}R_{L}R_{L}r_{o}s^{5} - C_{1}C_{L}L_{L}L_{R}R_{L}R_{L}r_{o}s^{5} - C_{1}C_{L}L_{L}L_{R}R_{L}R_{L}r_{o}s^{5} - C_{1}C_{L}L_{L}L_{R}R_{L}R_{L}r_{o}s^{5} - C_{1}C_{L}L_{L}L_{R}R_{L}R_{L}r_{o}s^{5} - C_{1}C_{L}L_{$

10.719 INVALID-ORDER-719 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{R_2\left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}L_{2}L_{L}R_{1}R_{2}R_{L}r_{o}s^{6} - C_{1}C_{2}C_{L}L_{1}L_{2}L_{L}R_{1}R_{2}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{L}R_{1}R_{2}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{L}L_{L}R_{1}R_{2}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}L_{L}L_{L}R_{1}R_{L}r_{o}s^{6} + C_$

10.720 INVALID-ORDER-720 $Z(s) = \left(\frac{1}{C_1 s + \frac{1}{R_1} + \frac{1}{L_1 s}}, \frac{R_2\left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, \infty, \frac{R_L\left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}L_{2}L_{L}R_{1}R_{2}R_{L}r_{o}s^{6} - C_{1}C_{2}C_{L}L_{1}L_{2}L_{L}R_{1}R_{2}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{L}R_{1}R_{2}R_{L}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{L}R_{1}R_{2}R_{L}r_{o}s^{6} - C_{1}C_{2}C_{L}L_{1}L_{2}L_{L}R_{1}R_{2}R_{L}r_{o}s^{6} - C_{1}C_{2}C_{L}L_{1}L_{L}R_{1}R_{2}R_{L}r_{o}s^{6} - C_{1}C_{2}C_{L}L_{1}L_{L}R_{1}R_{L}r_{o}$

10.721 INVALID-ORDER-721 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, R_2, \infty, \infty, \infty, R_L\right)$

 $H(s) = \frac{1}{C_1 C_{gd}^2 C_{gs} L_1 R_1 R_2 R_L r_o^2 s^5 + C_1 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^4 + C_1 C_{gd}^2 L_1 R_1 R_2 R_L r_o s$

10.722 INVALID-ORDER-722 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, R_2, \infty, \infty, \infty, \frac{1}{C_L s}\right)$

 $H(s) = \frac{1}{C_{1}C_{L}C_{gd}C_{gs}L_{1}R_{1}R_{2}r_{o}^{2}s^{5} + C_{1}C_{L}C_{gd}L_{1}R_{1}R_{2}r_{o}s^{4} + C_{1}C_{L}C_{gd}L_{1}R_{1}R_{2}r_{o}s^{4}$

10.723 INVALID-ORDER-723 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, R_2, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)$

 $H(s) = \frac{1}{C_{1}C_{L}C_{gd}C_{gs}L_{1}R_{1}R_{2}R_{L}r_{o}^{2}s^{5} + C_{1}C_{L}C_{gd}L_{1}R_{1}R_{2}R_{L}r_{o}s^{4} + C_{1}C_{L}C_{$

10.724 INVALID-ORDER-724 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, R_2, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)$

 $H(s) = \frac{1}{C_1 C_L C_{gd}^2 C_{gs} L_1 R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_$

10.725 INVALID-ORDER-725 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, R_2, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)$

 $H(s) = \frac{1}{C_1 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 r_o^2 s^7 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^6 + C_$

10.726 INVALID-ORDER-726 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)$

 $H(s) = \frac{1}{C_{1}C_{L}C_{gd}C_{gs}L_{1}L_{L}R_{1}R_{2}r_{o}^{2}s^{6} + C_{1}C_{L}C_{gd}L_{1}L_{L}R_{1}R_{2}r_{o}s^{5} + C_{1}C_{L}C_{$

10.727 INVALID-ORDER-727 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, R_2, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)$

 $H(s) = \frac{1}{C_1 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 r_o^2 s^7 + C_1 C_L C_{gd}^2 C_{gs} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd}^2 C_{gs} L_1 L_$

10.728 INVALID-ORDER-728 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, R_2, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)$

 $H(s) = \frac{H(s) = \frac{1}{C_1 C_L C_{qd} C_{qs} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd} L_1 L_L R_1 R_2 R_L r_o s^5 + C_1 C_L C_{qd} L_1 L_L R_1 R_2 R_L$

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10.729 INVALID-ORDER-729 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
H(s) = \frac{1}{C_1 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 R_L r_o^{2} s^7 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_L L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_L L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}
10.730 INVALID-ORDER-730 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, R_2, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
H(s) = \frac{1}{C_1 C_L C_{qd}^2 C_{qs} L_1 L_L R_1 R_2 R_L r_o^2 s^7 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{qd}^2 L_L R_1
10.731 INVALID-ORDER-731 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, \frac{1}{C_2 s}, \infty, \infty, \infty, R_L\right)
H(s) = \frac{-C_1C_2C_{ad}^2L_1R_1R_Lr_os^5 - C_1C_2C_{gd}L_2R_1R_Lr_os^5 + C_1C_2C_{gd}L_1R_1R_Lr_os^4 + C_1C_2C_{gd}L_1R_1R_Lr
10.732 INVALID-ORDER-732 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
H(s) = \frac{H(s) = \frac{1}{C_1 C_2 C_L C_{ad} L_1 R_1 r_o s^5 - C_1 C_2 C_L L_1 R_1 g_m r_o s^4 + C_1 C_L C_{ad} L_1 R_1 r_o s^5 + C_1 C_2 C_{ad} L_1 R_1 r_o s^5 + C_1 C_2 C_{ad} L_1 R_1 r_o s^4 + C_1 C_L C_{ad} L_1 R_1 r_o s^4 + C_1 C
10.733 INVALID-ORDER-733 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, \frac{1}{C_2 s}, \infty, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 R_1 R_L r_o s^5 - C_1 C_2 C_L L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_L r_o s^
10.734 INVALID-ORDER-734 Z(s) = \left(\frac{L_{1}s}{C_{1}L_{1}s^{2}+1} + R_{1}, \frac{1}{C_{2}s}, \infty, \infty, \infty, R_{L} + \frac{1}{C_{L}s}\right)
H(s) = \frac{-C_1C_2C_LC_{gd}^2L_1R_1R_Lr_os^6 - C_1C_2C_LC_{gd}L_1R_1R_Lr_os^6 + C_1C_2C_LC_{gd}L_1R_1R_Lr_os^5 + C_1C_LC_{gd}C_{gs}L_1R_1R_Lr_os^5 + C_1C_LC_{gd}C_{gs}L
10.735 INVALID-ORDER-735 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
H(s) = \frac{-C_1C_2C_LC_{ad}^2L_1L_LR_1r_os^7 - C_1C_2C_LC_{ad}L_1L_LR_1r_os^5 + C_1C_2C_LC_{ad}L_1L_LR_1r_os^6 + C_1C_LC_{ad}C_{as}L_1L_LR_1r_os^6 
10.736 INVALID-ORDER-736 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^6 - C_1 C_2 C_L L_1 L_L R_1 g_m r_o s^5 - C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 r_
10.737 INVALID-ORDER-737 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
H(s) = \frac{-C_1C_2C_LC_{gd}^2L_1L_LR_1r_os^7 - C_1C_2C_LC_{gd}^2L_1R_1R_Lr_os^5 + C_1C_2C_LC_{gd}L_1R_1r_os^5 + C_1C_2C_LC_{gd
10.738 INVALID-ORDER-738 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_I} + \frac{1}{L_I s}}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_L r_o s^6 - C_1 C_2 C_L L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L R_1 R_L r_o s^5 + C_1 C_2 C_{ad} L_1 L_L
 10.739 INVALID-ORDER-739 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
H(s) = \frac{-C_1C_2C_LC_{ad}^2L_1L_LR_1R_Lr_os^7 - C_1C_2C_LC_{ad}L_1L_LR_1R_Lr_os^5 + C_1C_2C_{ad}L_1L_LR_1R_Lr_os^5 + C_1C_2C_{ad}L_1L_LR_1R_Lr_os^5 + C_1C_2C_{ad}L_1L_LR_1R_Lr_os^5 + C_1C_2C_{ad}L_1L_LR_1r_os^6 + C
10.740 INVALID-ORDER-740 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, \frac{1}{C_2 s}, \infty, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_T s}}\right)
H(s) = \frac{-C_1C_2C_LC_{ad}^2L_1L_LR_1R_Lr_os^7 - C_1C_2C_LC_{ad}L_1R_LR_1r_os^5 + C_1C_2C_LC_{ad}L_1R_1R_Lr_os^5 + C_1C_2C_LC_{ad}L_1R_Lr_os^5 + C_1C_2C_LC_{ad}L_1R_1R_Lr_os^5 + C_1C_2C_LC_{ad}L_1R_1R_Lr_os^5 + C_1C_2C_LC_{ad}L_1R_1R_Lr_os^5 + C_1C_2C_LC_{ad}L_1R
10.741 INVALID-ORDER-741 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, R_L\right)
H(s) = \frac{-C_1C_2C_{ad}^2L_1R_1R_2R_Lr_os^5 - C_1C_2C_{gd}C_{gs}L_1R_1R_2R_Lr_os^4 + C_1C_2C_{gd}L_1R_1R_2R_Lr_os^4 + C_1C_2C_{gd}L
10.742 INVALID-ORDER-742 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 - C_1 C_2 C_L L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 g_m r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2
10.743 INVALID-ORDER-743 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
H(s) = \frac{H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_1 R_1 R_2 R_L r_o s^5 - C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^5 - C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{gd
10.744 INVALID-ORDER-744 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
H(s) = \frac{-C_1C_2C_LC_{ad}^2L_1R_1R_2R_Lr_os^6 - C_1C_2C_LC_{gd}C_{gs}L_1R_1R_2R_Lr_os^6 + C_1C_2C_LC_{gd}L_1R_1R_2R_Lr_os^5 + C_1C_LC_{gd}L_1R_1R_2R_Lr_os^5 + C_1C_LC_{g
10.745 INVALID-ORDER-745 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
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 $H(s) = \frac{-C_1C_2C_LC_{gd}^2L_1L_LR_1R_2r_os^7 - C_1C_2C_LC_{gd}^2L_1R_1R_2r_os^5 + C_1C_2C_LC_{gd}L_1R_1R_2r_os^5 + C_1C_2C_LC_{gd$

 $H(s) = \frac{-C_1C_2C_LC_{ad}^2L_1L_LR_1R_2r_os^7 - C_1C_2C_LC_{gd}L_1L_LR_1R_2r_os^7 + C_1C_2C_LC_{gd}L_1L_LR_1R_2r_os^6 + C_1C_2C_LC_{gd}L_1R_1R_2r_os^6 + C_1C_2C_LC_{gd}L_1R_1R_2r_os^6 + C_1C_2C_LC_{gd}L_1R_1R_2r_os^6 + C_1C_2C_LC_{gd}L_1R_1R_2r_os^6 + C_1C_2C_LC_{gd}L_1R_1R_2r_os$

 $H(s) = \frac{H(s)}{C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 - C_1 C_2 C_L L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_{qd} L_1 L_L R_1 R_2 r_o s^5 + C_1 C_L C_{qd} L_1$

10.746 INVALID-ORDER-746 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)$

10.747 INVALID-ORDER-747 $Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)$

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10.748 INVALID-ORDER-748 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
 H(s) = \frac{H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 - C_1 C_2 C_L L_1 L_L R_1 R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6
10.749 INVALID-ORDER-749 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
H(s) = \frac{-C_1C_2C_LC_{gd}^2L_1L_LR_1R_2R_Lr_os^7 - C_1C_2C_LC_{gd}C_{gs}L_1L_LR_1R_2R_Lr_os^5 + C_1C_2C_{gd}L_1L_LR_1R_2R_Lr_os^5 + C_1C_2C_{gd}L_1R_1R_2R_Lr_os^5 
10.750 INVALID-ORDER-750 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{R_L \left(L_L s + \frac{1}{C_L s}\right)}{L_L s + R_L + \frac{1}{C_L s}}\right)
 H(s) = \frac{-C_1C_2C_LC_{gd}^2L_1L_LR_1R_2R_Lr_os^7 - C_1C_2C_LC_{gd}L_1R_1R_2R_Lr_os^5 + C_1C_2C_LC_{g
 10.751 INVALID-ORDER-751 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L\right)
H(s) = \frac{1}{C_1 C_2 C_{gd}^2 C_{gs} L_1 R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_
 10.752 INVALID-ORDER-752 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_1 R_1 R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_
 10.753 INVALID-ORDER-753 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{qd} C_{qs} L_1 R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r_o^2 s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 R_L g_m r
10.754 INVALID-ORDER-754 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
H(s) = \frac{1}{C_1 C_2 C_L C_{qd}^2 C_{gs} L_1 R_1 R_2 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_
10.755 INVALID-ORDER-755 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
H(s) = \frac{1}{C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 r_o^2 s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_L R_1 R_2 r_o s^7 - C_
 10.756 INVALID-ORDER-756 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{qd} C_{qs} L_1 L_L R_1 R_2 r_o^2 s^7 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_L R_1 R_2 r_o s^6 
 10.757 INVALID-ORDER-757 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
 H(s) = \frac{H(s)}{C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 r_o^2 s^8 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs}
 10.758 INVALID-ORDER-758 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{ad} C_{as} L_1 L_L R_1 R_2 R_L r_o^2 s^7 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{ad} L_1 L_L R_1 R_2 R
10.759 INVALID-ORDER-759 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          H(s) = \frac{\left(C_{gd}s - g_{m}\right)\left(C_{1}L_{1}R_{1}s^{2} + L_{1}s + R_{1}\right)\left(C_{L}L_{L}R_{L}s^{2} + L_{L}s + R_{L}\right)\left(C_{2}R_{2}g_{m}r_{o}s + C_{2}R_{2}s + C_{2}r_{o}s + g_{m}r_{o} + 1\right)}{\left(C_{1}L_{1}R_{1}s^{2} + L_{1}s + R_{1}\right)\left(C_{1}L_{1}R_{1}s^{2} + L_{1}s + R_{1}\right)\left(C_{2}R_{2}g_{m}r_{o}s + C_{2}R_{2}s + C_{2}r_{o}s + g_{m}r_{o} + 1\right)}
                                                                                                                                                                                         \frac{1}{C_1L_1s^2+1}+R_1, R_2+\frac{1}{C_2s}, \infty, \infty, \infty, \frac{R_L(L_Ls+\frac{1}{C_Ls})}{L_Ls+R_L+\frac{1}{C_Ls}}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        H(s) = \frac{R_L \left( C_{gd} s - g_m \right) \left( C_L L_L s^2 + 1 \right) \left( C_1 L_1 R_1 s^2 + L_1 s + R_1 \right) \left( C_2 R_2 g_m r_o s + C_2 R_2 s + C_2 r_o s + g_m r_o + 1 \right)}{R_L \left( C_{gd} s - g_m \right) \left( C_L L_L s^2 + 1 \right) \left( C_1 L_1 R_1 s^2 + L_1 s + R_1 \right) \left( C_2 R_2 g_m r_o s + C_2 R_2 s + C_2 r_o s + g_m r_o + 1 \right)}
                                                                                                                                                                                        \frac{1}{C_1L_1s^2+1} + R_1, L_2s + \frac{1}{C_2s}, \infty, \infty, \infty, R_L
 H(s) = \frac{1}{C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o^2 s^7 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_L r
 10.762 INVALID-ORDER-762 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{qd} C_{qs} L_1 L_2 R_1 r_o^2 s^7 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{qd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_
 10.763 INVALID-ORDER-763 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_1 L_2 R_1 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L g_m r
 10.764 INVALID-ORDER-764 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o^2 s^8 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_L r_o s^
 10.765 INVALID-ORDER-765 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
H(s) = \frac{1}{C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 L_L R_1 r_o^2 s^9 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 r_o s^7 - C_
 10.766 INVALID-ORDER-766 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
  H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_1 L_2 L_L R_1 r_o^2 s^3 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 L_L R_1 r_o s^7
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10.767 INVALID-ORDER-767 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
                                                   H(s) = \frac{H(s)}{C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 L_L R_1 r_o^2 s^9 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_2 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_2 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_2 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_2 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_2 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 C
                                                   10.768 INVALID-ORDER-768 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
                                                   10.769 INVALID-ORDER-769 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, L_2 s + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            H(s) = \frac{\left(C_{gd}s - g_{m}\right)\left(C_{1}L_{1}R_{1}s^{2} + L_{1}s + R_{1}\right)\left(C_{L}L_{L}R_{L}s^{2} + L_{L}s + R_{L}\right)\left(C_{2}L_{2}g_{m}r_{o}s^{2} + C_{2}L_{2}s^{2} + C_{2}r_{o}s + g_{m}r_{o} + 1\right)}{\left(C_{1}L_{1}R_{1}s^{2} + L_{1}s + R_{1}\right)\left(C_{1}L_{1}R_{1}s^{2} + L_{1}s + R_{1}s^{2}\right)\left(C_{1}L_{1}R_{1}s^{2} + L_{1}s + R_{1}s^{2}\right
                                                                                                                                                                                                                                         \frac{1}{C_1L_1s^2+1} + R_1, \ L_2s + \frac{1}{C_2s}, \ \infty, \ \infty, \ \infty, \ \frac{R_L\left(L_Ls + \frac{1}{C_Ls}\right)}{L_Ls + R_L + \frac{1}{C_Ls}}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    =\frac{R_{L}\left(C_{gd}s-g_{m}\right)\left(C_{L}L_{L}s^{2}+1\right)\left(C_{1}L_{1}R_{1}s^{2}+L_{1}s+R_{1}\right)\left(C_{2}L_{2}g_{m}r_{o}s^{2}+C_{2}L_{2}s^{2}+C_{2}r_{o}s+g_{m}r_{o}+1\right)}{2}
                                                                                                                                                                                                                                       \frac{1}{C_1L_1s^2+1} + R_1, \ L_2s + R_2 + \frac{1}{C_2s}, \ \infty, \ \infty, \ \infty, \ R_L
                                                   10.772 INVALID-ORDER-772 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
                                                   H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_1 L_2 R_1 r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L 
                                                   10.773 INVALID-ORDER-773 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
                                                   10.774 INVALID-ORDER-774 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
                                                   10.775 INVALID-ORDER-775 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
H(s) = \frac{\left(C_{gd}s - g_{m}\right)\left(C_{L}L_{L}s^{2} + 1\right)\left(C_{1}L_{1}R_{1}s^{2} + L_{1}s + R_{1}\right)\left(C_{2}L_{2}g_{m}r_{o}s^{2} + C_{2}L_{2}s^{2} + C_{2}R_{2}g_{m}r_{o}s + C_{2}L_{2}g_{m}r_{o}s + C_{2}L_{2}g_{m}r_{o}s + C_{2}L_{2}g_{m}r_{o}s + C_
                                                  10.776 INVALID-ORDER-776 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
                                                   H(s) = \frac{H(s)}{C_1 C_2 C_L C_{gd} C_{gs} L_1 L_2 L_L R_1 r_o^2 s^8 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 r_o s^7 + C_1 C_2
                                                   10.777 INVALID-ORDER-777 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, L_2 s + R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        H(s) = \frac{\left(C_{gd}s - g_m\right)\left(C_LL_Ls^2 + C_LR_Ls + 1\right)\left(C_1L_1R_1s^2 + L_1s + R_1\right)\left(C_2L_2g_mr_os^2 + C_2L_2s^2 + C_2R_2g_mr_os + C_2R_2s + C_2r_os + g_mr_o + 1\right)}{\left(C_1L_Ls^2 + C_LR_Ls + 1\right)\left(C_1L_1R_1s^2 + L_1s + R_1\right)\left(C_2L_2g_mr_os^2 + C_2L_2s^2 + C_2R_2g_mr_os + C_2R_2s + C_2r_os + g_mr_o + 1\right)}
                                                                                                                                                                                                                                       \frac{1}{C_1L_1s^2+1}+R_1, L_2s+R_2+\frac{1}{C_2s}, \infty, \infty, \infty, \frac{1}{C_Ls+\frac{1}{R_L}+\frac{1}{L_Ls}}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    H(s) = \frac{L_L R_L s \left(C_{gd} s - g_m\right) \left(C_1 L_1 R_1 s^2 + L_1 s + R_1\right) \left(C_2 L_2 g_m r_o s^2 + C_2 L_2 s^2 + C_2 R_2 g_m r_o s + C_2 R_2 s + C_2 r_o s + g_m r_o + 1\right)}{2 \left(C_1 L_1 R_1 s^2 + L_1 s + R_1\right) \left(C_2 L_2 g_m r_o s^2 + C_2 L_2 s^2 + C_2 R_2 g_m r_o s + C_2 R_2 s + C_2 r_o s + g_m r_o + 1\right)}
                                                                                                                                                                                                                                       \frac{1}{C_1L_1s^2+1} + R_1, L_2s + R_2 + \frac{1}{C_2s}, \infty, \infty, \infty, \frac{L_Ls}{C_LL_Ls^2+1} + R_L
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    H(s) = \frac{\left(C_{gd}s - g_{m}\right)\left(C_{1}L_{1}R_{1}s^{2} + L_{1}s + R_{1}\right)\left(C_{L}L_{L}R_{L}s^{2} + L_{L}s + R_{L}\right)\left(C_{2}L_{2}g_{m}r_{o}s^{2} + C_{2}L_{2}s^{2} + C_{2}R_{2}g_{m}r_{o}s + C_{2}R_{2}s + C_{2}r_{o}s + g_{m}r_{o} + 1\right)}{\left(C_{L}L_{L}R_{L}s^{2} + L_{L}s + R_{L}\right)\left(C_{L}L_{L}R_{L}s^{2} + L_{L}s + R_{L}\right)\left(C_{2}L_{2}g_{m}r_{o}s^{2} + C_{2}L_{2}s^{2} + C_{2}R_{2}g_{m}r_{o}s + C_{2}R_{2}s + C_{2}r_{o}s + g_{m}r_{o} + 1\right)}
                                                                                                                                                                                                                                       \frac{1}{C_1L_1s^2+1} + R_1, \ L_2s + R_2 + \frac{1}{C_2s}, \ \infty, \ \infty, \ \infty, \ \frac{R_L\left(L_Ls + \frac{1}{C_Ls}\right)}{L_Ls + R_L + \frac{1}{C_Ts}}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    H(s) = \frac{R_L \left( C_{gd} s - g_m \right) \left( C_L L_L s^2 + 1 \right) \left( C_1 L_1 R_1 s^2 + L_1 s + R_1 \right) \left( C_2 L_2 g_m r_o s^2 + C_2 L_2 s^2 + C_2 R_2 g_m r_o s + C_2 R_2 s + C_2 r_o s + g_m r_o + 1 \right)}{R_L \left( C_{gd} s - g_m \right) \left( C_L L_L s^2 + 1 \right) \left( C_1 L_1 R_1 s^2 + L_1 s + R_1 \right) \left( C_2 L_2 g_m r_o s^2 + C_2 L_2 s^2 + C_2 R_2 g_m r_o s + C_2 R_2 s + C_2 r_o s + g_m r_o + 1 \right)}
                                                                                                                                                                                                                                     \frac{L_2s}{C_1L_1s^2+1} + R_1, \ \frac{L_2s}{C_2L_2s^2+1} + R_2, \ \infty, \ \infty, \ \infty, \ R_L
                                                   H(s) = \frac{H(s)}{C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_1 R_2 R_L r_o^2 s^7 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 +
                                                   10.782 INVALID-ORDER-782 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{1}{C_L s}\right)
                                                   H(s) = \frac{H(s)}{C_1 C_2 C_L C_{gd} C_{gs} L_1 L_2 R_1 R_2 r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 r_o s
                                                   10.783 INVALID-ORDER-783 Z(s) = \left(\frac{L_1 s}{C_1 L_1 s^2 + 1} + R_1, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    H(s) = \frac{R_L \left( C_{gd} s - g_m \right) \left( C_1 L_1 R_1 s^2 + L_1 s + R_1 \right) \left( C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + L_2 g_m r_o s + L_2 s + R_2 g_m r_o + R_2 + r_o \right)}{R_L \left( C_{gd} s - g_m \right) \left( C_1 L_1 R_1 s^2 + L_1 s + R_1 \right) \left( C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + L_2 g_m r_o s + L_2 s + R_2 g_m r_o + R_2 + r_o \right)}
                                                                                                                                                                                                                                      \frac{L_{2s}}{C_1L_1s^2+1} + R_1, \ \frac{L_{2s}}{C_2L_2s^2+1} + R_2, \ \infty, \ \infty, \ R_L + \frac{1}{C_Ls}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      H(s) = \frac{\left(C_{gd}s - g_{m}\right)\left(C_{L}R_{L}s + 1\right)\left(C_{1}L_{1}R_{1}s^{2} + L_{1}s + R_{1}\right)\left(C_{2}L_{2}R_{2}g_{m}r_{o}s^{2} + C_{2}L_{2}R_{2}s^{2} + C_{2}L_{2}r_{o}s^{2} + L_{2}g_{m}r_{o}s + L_{2}s + R_{2}g_{m}r_{o} + R_{2} + r_{o}\right)}{\left(C_{1}L_{1}R_{1}s^{2} + L_{1}s + R_{1}\right)\left(C_{2}L_{2}R_{2}g_{m}r_{o}s^{2} + C_{2}L_{2}R_{2}s^{2} + C_{2}L_{2}r_{o}s^{2} + L_{2}g_{m}r_{o}s + L_{2}s + R_{2}g_{m}r_{o} + R_{2} + r_{o}\right)}
                                                                                                                                                                                                                                     \frac{L_2s}{C_1L_1s^2+1} + R_1, \ \frac{L_2s}{C_2L_2s^2+1} + R_2, \ \infty, \ \infty, \ L_Ls + \frac{1}{C_Ls}
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 $H(s) = \frac{\left(C_{gd}s - g_m\right)\left(C_L L_L s^2 + 1\right)\left(C_1 L_1 R_1 s^2 + L_1 s + R_1\right)\left(C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + L_2 g_m r_o s + L_2 s + R_2 g_m r_o + R_2 + r_o\right)}{\left(C_1 L_1 R_1 s^2 + L_1 s + R_1\right)\left(C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + L_2 g_m r_o s + L_2 s + R_2 g_m r_o + R_2 + r_o\right)}$

 $H(s) = \frac{H(s)}{C_1 C_L C_{gd} C_{gs} L_1 R_1 R_2 R_L r_o^2 s^5 + C_1 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_L C_{$

10.803 INVALID-ORDER-803 $Z(s) = \left(\frac{R_1\left(L_1 s + \frac{1}{C_1 s}\right)}{L_1 s + R_1 + \frac{1}{C_1 s}}, R_2, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)$

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10.804 INVALID-ORDER-804 Z(s) = \left(\frac{R_1\left(L_1 s + \frac{1}{C_1 s}\right)}{L_1 s + R_1 + \frac{1}{C_1 s}}, R_2, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
 H(s) = \frac{1}{C_1 C_L C_{gd}^2 C_{gs} L_1 R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_1 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^5 + C_
 10.805 INVALID-ORDER-805 Z(s) = \left(\frac{R_1\left(L_1 s + \frac{1}{C_1 s}\right)}{L_1 s + R_1 + \frac{1}{C_1 s}}, R_2, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
 H(s) = \frac{1}{C_1 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 r_o^2 s^7 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 r_o s^6 + C_1 C_L C_{g
 10.806 INVALID-ORDER-806 Z(s) = \left(\frac{R_1\left(L_1 s + \frac{1}{C_1 s}\right)}{L_1 s + R_1 + \frac{1}{C_1 s}}, R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
  H(s) = \frac{1}{C_1 C_L C_{gd} C_{gs} L_1 L_L R_1 R_2 r_o^2 s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 g_m r_o s^5 + C_
 10.807 INVALID-ORDER-807 Z(s) = \left(\frac{R_1\left(L_1 s + \frac{1}{C_1 s}\right)}{L_1 s + R_1 + \frac{1}{C_1 s}}, R_2, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
H(s) = \frac{1}{C_{1}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{L}R_{1}R_{2}r_{o}^{2}s^{7} + C_{1}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{L}R_{1}R_{2}r_{o}s^{6} + C_{1}C_{L}C_{gd}^{2}C_{gs}L_{1}R_{1}R_{2}r_{o}s^{6} + C_{1}C_{L}C_{gd}^{2}C_{gs}L_{1}R_
10.808 INVALID-ORDER-808 Z(s) = \left(\frac{R_1\left(L_1 s + \frac{1}{C_1 s}\right)}{L_1 s + R_1 + \frac{1}{C_1 s}}, R_2, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
 H(s) = \frac{1}{C_1 C_L C_{gd} C_{gs} L_1 L_L R_1 R_2 R_L r_o^2 s^6 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 R_2 R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1
10.809 INVALID-ORDER-809 Z(s) = \left(\frac{R_1\left(L_1 s + \frac{1}{C_1 s}\right)}{L_1 s + R_1 + \frac{1}{C_1 s}}, R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)
  H(s) = \frac{1}{C_1 C_L C_{gd}^2 C_{gs} L_1 L_L R_1 R_2 R_L r_o^2 s^7 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}^2 L_L R_1 R_2 R_L r_o s^6 + C_1 C_L C_{gd}
 10.810 INVALID-ORDER-810 Z(s) = \left(\frac{R_1\left(L_1s + \frac{1}{C_1s}\right)}{L_1s + R_1 + \frac{1}{C_1s}}, R_2, \infty, \infty, \infty, \frac{R_L\left(L_Ls + \frac{1}{C_Ls}\right)}{L_Ls + R_L + \frac{1}{C_Ls}}\right)
 H(s) = \frac{1}{C_{1}C_{L}C_{gd}^{2}C_{gs}L_{1}L_{L}R_{1}R_{2}R_{L}r_{o}^{2}s^{5} + C_{1}C_{L}C_{gd}^{2}L_{1}L_{L}R_{1}R_{2}R_{L}r_{o}s^{6} + C_{1}C_{L}C_{gd}^{2}L_{L}L_{R}R_{1}R_{2}R_{L}r_{o}s^{6} + C_{1}C_{L}C_{gd}^{2}L_{L}L_{R}R_{1}R_{2}R_{L}r_{o}
10.811 INVALID-ORDER-811 Z(s) = \left(\frac{R_1\left(L_1 s + \frac{1}{C_1 s}\right)}{L_1 s + R_1 + \frac{1}{C_1 s}}, \frac{1}{C_2 s}, \infty, \infty, \infty, R_L\right)
 H(s) = \frac{-C_1C_2C_{ad}^2L_1R_1R_Lr_os^5 - C_1C_2C_{gd}C_{gs}L_1R_1R_Lr_os^5 + C_1C_2C_{gd}L_1R_1R_Lr_os^4 + C_1C_2C_{gd}L_1R
 10.812 INVALID-ORDER-812 Z(s) = \left(\frac{R_1\left(L_1 s + \frac{1}{C_1 s}\right)}{L_1 s + R_1 + \frac{1}{C_1 s}}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
  H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}L_{1}R_{1}r_{o}s^{5} - C_{1}C_{2}C_{L}L_{1}R_{1}g_{m}r_{o}s^{4} + C_{1}C_{L}C_{gd}L_{1}R_{1}r_{o}s^{5} + C_{1}C_{L}C_{gd}L_{1}R_{1}r_{o}s^{4} + C_{1}C_{L}C_{gd}L_{1}R_{1}r_{o}s^{
 10.813 INVALID-ORDER-813 Z(s) = \left(\frac{R_1\left(L_1 s + \frac{1}{C_1 s}\right)}{L_1 s + R_1 + \frac{1}{C_1 s}}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
 10.814 INVALID-ORDER-814 Z(s) = \left(\frac{R_1\left(L_1 s + \frac{1}{C_1 s}\right)}{L_1 s + R_1 + \frac{1}{C_1 s}}, \frac{1}{C_2 s}, \infty, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
 H(s) = \frac{-C_1C_2C_LC_{qd}^2L_1R_1R_Lr_os^6 - C_1C_2C_LC_{qd}L_1R_1R_Lr_os^6 + C_1C_2C_LC_{qd}L_1R_1R_Lr_os^5 + C_1C_2C_LC_{qd}L_1R
 10.815 INVALID-ORDER-815 Z(s) = \left(\frac{R_1\left(L_1 s + \frac{1}{C_1 s}\right)}{L_1 s + R_1 + \frac{1}{C_1 s}}, \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
 H(s) = \frac{-C_1C_2C_LC_{qd}^2L_1L_LR_1r_os^7 - C_1C_2C_LC_{qd}C_{qs}L_1L_LR_1r_os^5 + C_1C_2C_LC_{qd}L_1L_LR_1r_os^5 + C_1C_2C_LC_{q
 10.816 INVALID-ORDER-816 Z(s) = \left(\frac{R_1\left(L_1 s + \frac{1}{C_1 s}\right)}{L_1 s + R_1 + \frac{1}{C_1 s}}, \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
 H(s) = \frac{H(s)}{C_{1}C_{2}C_{L}C_{gd}L_{1}L_{L}R_{1}r_{o}s^{6} - C_{1}C_{2}C_{L}L_{L}R_{1}r_{o}s^{5} + C_{1}C_{L}C_{gd}L_{1}L_{L}R_{1}r_{o}s^{5} + C_{1}C
10.817 INVALID-ORDER-817 Z(s) = \left(\frac{R_1\left(L_1s + \frac{1}{C_1s}\right)}{L_1s + R_1 + \frac{1}{C_1s}}, \frac{1}{C_2s}, \infty, \infty, \infty, L_Ls + R_L + \frac{1}{C_Ls}\right)
  H(s) = \frac{-}{-C_1C_2C_LC_{gd}^2L_1L_LR_1r_os^7 - C_1C_2C_LC_{gd}L_1R_1R_Lr_os^6 + C_1C_2C_LC_{gd}L_1R_1R_Lr_os^6 + C_1C_2C_LC_{gd}L_1R_1R_Lr_os^6 + C_1C_2C_LC_{gd}L_1R_1R_Lr_os^6 + C_1C_2C_LC_{gd}L_1R_1R_Lr_os^6 + C_1C_2C_LC_{gd}L_1R_1r_os^6 + C
 10.818 INVALID-ORDER-818 Z(s) = \left(\frac{R_1\left(L_1s + \frac{1}{C_1s}\right)}{L_1s + R_1 + \frac{1}{C_1s}}, \frac{1}{C_2s}, \infty, \infty, \infty, \frac{1}{C_Ls + \frac{1}{R_L} + \frac{1}{L_Ls}}\right)
H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}L_{1}L_{L}R_{1}R_{L}r_{o}s^{6} - C_{1}C_{2}C_{L}L_{L}R_{1}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{1}L_{L}R_{1}R_{L}r_{o}s^{5} + C_{1}C_{2}C_{gd}L_{1}L_{
10.819 INVALID-ORDER-819 Z(s) = \left(\frac{R_1\left(L_1s + \frac{1}{C_1s}\right)}{L_1s + R_1 + \frac{1}{C_1s}}, \frac{1}{C_2s}, \infty, \infty, \infty, \frac{L_Ls}{C_LL_Ls^2 + 1} + R_L\right)
 H(s) = \frac{-C_1C_2C_LC_{gd}^2L_1L_LR_1R_Lr_os^7 - C_1C_2C_LC_{gd}C_{gs}L_1L_LR_1r_os^6 + C_1C_2C_LC_{gd}L_1L_LR_1r_os^6 + C_1C_2C_LC_{gd}L_1L_LR_1r_os^6 + C_1C_2C_LC_{gd}L_1L_LR_1r_os^6 + C_1C_2C_LC_{gd}L_1L_LR_1r_os^6 + C_1C_2C_{gd}L_1L_LR_1r_os^6 + C_1C_2C_{gd}L_1R_1r_os^6 
10.820 INVALID-ORDER-820 Z(s) = \left(\frac{R_1\left(L_1s + \frac{1}{C_1s}\right)}{L_1s + R_1 + \frac{1}{C_1s}}, \frac{1}{C_2s}, \infty, \infty, \infty, \frac{R_L\left(L_Ls + \frac{1}{C_Ls}\right)}{L_Ls + R_L + \frac{1}{C_Ls}}\right)
  H(s) = \frac{-C_1C_2C_LC_{gd}^2L_1L_LR_1R_Lr_os^7 - C_1C_2C_LC_{gd}L_1L_LR_1R_Lr_os^5 + C_1C_2C_LC_{gd}L_1R_1R_Lr_os^5 + C_1C_2C_LC_{gd}L_1R_Lr_os^5 + C
 10.821 INVALID-ORDER-821 Z(s) = \left(\frac{R_1\left(L_1 s + \frac{1}{C_1 s}\right)}{L_1 s + R_1 + \frac{1}{C_1 s}}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, R_L\right)
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 $H(s) = \frac{-C_1C_2C_{ad}^2L_1R_1R_2R_Lr_os^5 - C_1C_2C_{gd}C_{gs}L_1R_1R_2R_Lr_os^5 + C_1C_2C_{gd}L_1R_1R_2R_Lr_os^4 + C_1C_2C_{gd}L$

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10.822 INVALID-ORDER-822 Z(s) = \left(\frac{R_1\left(L_1 s + \frac{1}{C_1 s}\right)}{L_1 s + R_1 + \frac{1}{C_1 s}}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
  H(s) = \frac{1}{C_1C_2C_LC_{gd}L_1R_1R_2r_os^5 - C_1C_2C_LL_1R_1R_2g_mr_os^4 + C_1C_LC_{gd}L_1R_1R_2r_os^5 + C_1C_LC_{gd}L_1R_1R_2r_os^5 + C_1C_LC_{gd}L_1R_1R_2r_os^4 + C_1C_LC_{gd}L_1R_1R
 10.823 INVALID-ORDER-823 Z(s) = \left(\frac{R_1\left(L_1s + \frac{1}{C_1s}\right)}{L_1s + R_1 + \frac{1}{C_1s}}, \frac{R_2}{C_2R_2s + 1}, \infty, \infty, \infty, \frac{R_L}{C_LR_Ls + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 - C_1 C_2 C_L L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1 R_2 R_L r_o s^4 + C_1 C_2 C_{gd} L_1 R_1
 10.824 INVALID-ORDER-824 Z(s) = \left(\frac{R_1\left(L_1s + \frac{1}{C_1s}\right)}{L_1s + R_1 + \frac{1}{C_1s}}, \frac{R_2}{C_2R_2s + 1}, \infty, \infty, \infty, R_L + \frac{1}{C_Ls}\right)
   H(s) = \frac{-C_1C_2C_LC_{gd}^2L_1R_1R_2R_Lr_os^6 - C_1C_2C_LC_{gd}L_1R_1R_2R_Lr_os^6 + C_1C_2C_LC_{gd}L_1R_1R_2R_Lr_os^6 + C_1C_2C_LC_{gd}L_1R_1R_2R_Lr_os^6 + C_1C_2C_LC_{gd}L_1R_1R_2R_Lr_os^6 + C_1C_2C_LC_{gd}L_1R_1R_2R_Lr_os^6 + C_1C_2C_LC_{gd}L_1R_1R_2r_os^6 + C_1C_2C_LC_{gd}L_1R_1R_2R_Lr_os^6 + C_1C_2C_LC_{gd}L_1R_1R_2R_Lr_os^6 + C_1C_2C_LC_{gd}L_1R_1R_2R_Lr_os^6 + C_1C_2C_LC_{gd}L_1R_1R_2r_os^6 + C_1C_2C_LC_{gd}L_1R_1R_2r
10.825 INVALID-ORDER-825 Z(s) = \left(\frac{R_1\left(L_1 s + \frac{1}{C_1 s}\right)}{L_1 s + R_1 + \frac{1}{C_1 s}}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
H(s) = \frac{-}{-C_1C_2C_LC_{gd}^2L_1L_LR_1R_2r_os^7 - C_1C_2C_LC_{gd}L_1R_1R_2r_os^5 + C_1C_2C_LC_{g
10.826 INVALID-ORDER-826 Z(s) = \left(\frac{R_1\left(L_1s + \frac{1}{C_1s}\right)}{L_1s + R_1 + \frac{1}{C_1s}}, \frac{R_2}{C_2R_2s + 1}, \infty, \infty, \infty, \frac{L_Ls}{C_LL_Ls^2 + 1}\right)
  H(s) = \frac{1}{C_1C_2C_LC_{gd}L_1L_LR_1R_2r_os^6 - C_1C_2C_LL_1L_LR_1R_2r_os^6 + C_1C_2C_{gd}L_1L_LR_1R_2r_os^6 + C_1C_2C_{gd}L_1L_LR
 10.827 INVALID-ORDER-827 Z(s) = \left(\frac{R_1\left(L_1s + \frac{1}{C_1s}\right)}{L_1s + R_1 + \frac{1}{C_1s}}, \frac{R_2}{C_2R_2s + 1}, \infty, \infty, \infty, L_Ls + R_L + \frac{1}{C_Ls}\right)
   H(s) = \frac{-C_1C_2C_LC_{gd}^2L_1L_LR_1R_2r_os^7 - C_1C_2C_LC_{gd}L_1R_1R_2R_Lr_os^6 + C_1C_2C_LC_{gd}L
10.828 INVALID-ORDER-828 Z(s) = \left(\frac{R_1\left(L_1 s + \frac{1}{C_1 s}\right)}{L_1 s + R_1 + \frac{1}{C_1 s}}, \frac{R_2}{C_2 R_2 s + 1}, \infty, \infty, \infty, \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
  H(s) = \frac{1}{C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 - C_1 C_2 C_L L_1 L_L R_1 R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 - C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_
10.829 INVALID-ORDER-829 Z(s) = \left(\frac{R_1\left(L_1s + \frac{1}{C_1s}\right)}{L_1s + R_1 + \frac{1}{C_1s}}, \frac{R_2}{C_2R_2s + 1}, \infty, \infty, \infty, \frac{L_Ls}{C_LL_Ls^2 + 1} + R_L\right)
  H(s) = \frac{-}{-C_1C_2C_LC_{ad}^2L_1L_LR_1R_2R_Lr_os^7 - C_1C_2C_LC_{gd}C_{gs}L_1L_LR_1R_2R_Lr_os^5 + C_1C_2C_LC_{gd}L_1L_LR_1R_2R_Lr_os^5 + C_1C_2C_LC_{gd}L_1R_1R_2R_Lr_os^5 + C_1C_2C_LC_{gd}L_1R_1R
 10.830 INVALID-ORDER-830 Z(s) = \left(\frac{R_1\left(L_1s + \frac{1}{C_1s}\right)}{L_1s + R_1 + \frac{1}{C_1s}}, \frac{R_2}{C_2R_2s + 1}, \infty, \infty, \infty, \infty, \frac{R_L\left(L_Ls + \frac{1}{C_Ls}\right)}{L_Ls + R_L + \frac{1}{C_Ls}}\right)
   H(s) = \frac{-C_1C_2C_LC_{gd}^2L_1L_LR_1R_2R_Lr_os^7 - C_1C_2C_LC_{gd}L_1L_LR_1R_2R_Lr_os^5 + C_1C_2C_LC_{gd}L_1L_LR_1R_2R_Lr_os^5 + C_1C_2C_LC_{gd}L_1L_LR_1R_2R_Lr_os^5 + C_1C_2C_LC_{gd}L_1R_1R_2R_Lr_os^5 + C_1C
 10.831 INVALID-ORDER-831 Z(s) = \left(\frac{R_1\left(L_1 s + \frac{1}{C_1 s}\right)}{L_1 s + R_1 + \frac{1}{C_1 s}}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L\right)
  10.832 INVALID-ORDER-832 Z(s) = \left(\frac{R_1\left(L_1 s + \frac{1}{C_1 s}\right)}{L_1 s + R_1 + \frac{1}{C_1 s}}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{1}{C_L s}\right)
  H(s) = \frac{1}{C_1 C_2 C_L C_{qd} C_{qs} L_1 R_1 R_2 r_o^2 s^6 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_{qd} L_1 R_1 R_2 r_o s^5 + C_1 C_2 C_L C_
 10.833 INVALID-ORDER-833 Z(s) = \left(\frac{R_1\left(L_1 s + \frac{1}{C_1 s}\right)}{L_1 s + R_1 + \frac{1}{C_1 s}}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{R_L}{C_L R_L s + 1}\right)
  H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_1 R_1 R_2 R_L r_o^2 s^6 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 + C_1 C_2 C_L C_{gd} L_1 R_1 R_2 R_L r_o s^5 
 10.834 INVALID-ORDER-834 Z(s) = \left(\frac{R_1\left(L_1 s + \frac{1}{C_1 s}\right)}{L_1 s + R_1 + \frac{1}{C_1 s}}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 R_1 R_2 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd}^2 L_1 R_1 R_2 R_L r_o s^6 + C_
 10.835 INVALID-ORDER-835 Z(s) = \left(\frac{R_1\left(L_1s + \frac{1}{C_1s}\right)}{L_1s + R_1 + \frac{1}{C_1s}}, R_2 + \frac{1}{C_2s}, \infty, \infty, \infty, L_Ls + \frac{1}{C_Ls}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_1 R_2 r_o^2 s^3 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_
 10.836 INVALID-ORDER-836 Z(s) = \left(\frac{R_1\left(L_1s + \frac{1}{C_1s}\right)}{L_1s + R_1 + \frac{1}{C_1s}}, R_2 + \frac{1}{C_2s}, \infty, \infty, \infty, \frac{L_Ls}{C_LL_Ls^2 + 1}\right)
H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{1}L_{L}R_{1}R_{2}r_{o}^{2}s^{7} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{L}R_{1}R_{2}g_{m}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}
 10.837 INVALID-ORDER-837 Z(s) = \left(\frac{R_1\left(L_1 s + \frac{1}{C_1 s}\right)}{L_1 s + R_1 + \frac{1}{C_1 s}}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, L_L s + R_L + \frac{1}{C_L s}\right)
  H(s) = \frac{1}{C_1 C_2 C_L C_{ad}^2 C_{gs} L_1 L_L R_1 R_2 r_o^2 s^8 + C_1 C_2 C_L C_{ad}^2 L_2 L_1 R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 R_2 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 r_o s^7 + C_1 C_2 C_L C_{ad}^2 L_1 L_L R_1 r_o s^7 + 
 10.838 INVALID-ORDER-838 Z(s) = \left(\frac{R_1\left(L_1 s + \frac{1}{C_1 s}\right)}{L_1 s + R_1 + \frac{1}{C_1 s}}, \ R_2 + \frac{1}{C_2 s}, \ \infty, \ \infty, \ \infty, \ \frac{1}{C_L s + \frac{1}{R_L} + \frac{1}{L_L s}}\right)
   H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_1 L_L R_1 R_2 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_L R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_
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 $H(s) = \frac{R_1 \left(C_{gd}s - g_m \right) \left(C_1 L_1 s^2 + 1 \right) \left(C_L L_R L_s^2 + L_L s + R_L \right) \left(C_2 R_2 g_m r_o s + C_2 R_2 s + C_2 r_o s + g_m r_o + 1 \right)}{L_L R_L g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 g_m r_o s^5 + C_1 C_L C_{gd} L_1 L_L R_1 g_m r_o s^4 + C_1 C_L C_{gd} L_1 L_L R_$

10.839 INVALID-ORDER-839 $Z(s) = \left(\frac{R_1\left(L_1 s + \frac{1}{C_1 s}\right)}{L_1 s + R_1 + \frac{1}{C_1 s}}, R_2 + \frac{1}{C_2 s}, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1} + R_L\right)$

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10.858 INVALID-ORDER-858 Z(s) = \left(\frac{R_1\left(L_1s + \frac{1}{C_1s}\right)}{L_1s + R_1 + \frac{1}{C_1s}}, L_2s + R_2 + \frac{1}{C_2s}, \infty, \infty, \infty, \frac{1}{C_Ls + \frac{1}{R_L} + \frac{1}{L_Ls}}\right)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         H(s) = \frac{L_L R_1 R_L s \left(C_{gd} s - g_m\right) \left(C_1 L_1 s^2 + 1\right) \left(C_2 L_2 g_m r_o s^2 + C_2 L_2 s^2 + C_2 R_2 g_m r_o s + C_2 R_2 s + C_2 r_o s + g_m r_o + 1\right)}{2 \left(C_1 L_1 s^2 + 1\right) \left(C_2 L_2 g_m r_o s^2 + C_2 L_2 s^2 + C_2 R_2 g_m r_o s + C_2 R_2 s + C_2 r_o s + g_m r_o + 1\right)}
                                                                                                                                                                                                   \frac{\overline{c_{1s}}}{L_{1s}+R_{1}+\frac{1}{C_{1s}}}, \ L_{2s}+R_{2}+\frac{1}{C_{2s}}, \ \infty, \ \infty, \ \infty, \ \frac{L_{Ls}}{C_{L}L_{Ls}^{2}+1}+R_{L}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          H(s) = \frac{R_1 \left( C_{gd} s - g_m \right) \left( C_1 L_1 s^2 + 1 \right) \left( C_L L_L R_L s^2 + L_L s + R_L \right) \left( C_2 L_2 g_m r_o s^2 + C_2 L_2 s^2 + C_2 R_2 g_m r_o s + C_2 R_2 s + C_2 r_o s + g_m r_o + 1 \right)}{R_1 \left( C_1 L_1 s^2 + 1 \right) \left( C_2 L_2 R_L s^2 + L_L s + R_L \right) \left( C_2 L_2 g_m r_o s^2 + C_2 L_2 s^2 + C_2 R_2 g_m r_o s + C_2 R_2 s + C_2 r_o s + g_m r_o + 1 \right)}
                                                                                                                                                                                                   \frac{\overline{c_{1s}}}{L_{1s}+R_{1}+\frac{1}{C_{1}s}}, \ L_{2s}+R_{2}+\frac{1}{C_{2s}}, \ \infty, \ \infty, \ \infty, \ \frac{R_{L}\left(L_{Ls}+\frac{1}{C_{L}s}\right)}{L_{Ls}+R_{L}+\frac{1}{C_{L}s}}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       H(s) = \frac{R_1 R_L \left(C_{gd} s - g_m\right) \left(C_1 L_1 s^2 + 1\right) \left(C_L L_L s^2 + 1\right) \left(C_2 L_2 g_m r_o s^2 + C_2 L_2 s^2 + C_2 R_2 g_m r_o s + C_2 R_2 s + C_2 r_o s + g_m r_o + 1\right)}{R_1 R_2 \left(C_{gd} s - g_m\right) \left(C_1 L_1 s^2 + 1\right) \left(C_2 L_2 g_m r_o s^2 + C_2 L_2 s^2 + C_2 R_2 g_m r_o s + C_2 R_2 s + C_2 r_o s + g_m r_o + 1\right)}
                                                                                                                                                                                                   \frac{\overline{c_{1s}}}{L_{1s}+R_{1}+\frac{1}{C_{1s}}}, \ \frac{L_{2s}}{C_{2}L_{2s}^{2}+1}+R_{2}, \ \infty, \ \infty, \ \infty, \ R_{L}
  H(s) = \frac{1}{C_1 C_2 C_{gd}^2 C_{gs} L_1 L_2 R_1 R_2 R_L r_o^2 s^7 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_
10.862 INVALID-ORDER-862 Z(s) = \left(\frac{R_1\left(L_1 s + \frac{1}{C_1 s}\right)}{L_1 s + R_1 + \frac{1}{C_1 s}}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{1}{C_L s}\right)
10.863 INVALID-ORDER-863 Z(s) = \left(\frac{R_1\left(L_1s + \frac{1}{C_1s}\right)}{L_1s + R_1 + \frac{1}{C_1s}}, \frac{L_2s}{C_2L_2s^2 + 1} + R_2, \infty, \infty, \infty, \frac{R_L}{C_LR_Ls + 1}\right)
  H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_1 L_2 R_1 R_2 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_
10.864 INVALID-ORDER-864 Z(s) = \left(\frac{R_1\left(L_1s + \frac{1}{C_1s}\right)}{L_1s + R_1 + \frac{1}{C_1s}}, \frac{L_2s}{C_2L_2s^2 + 1} + R_2, \infty, \infty, \infty, R_L + \frac{1}{C_Ls}\right)
  H(s) = \frac{1}{C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_2 R_L r_o^2 s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R
10.865 INVALID-ORDER-865 Z(s) = \left(\frac{R_1\left(L_1 s + \frac{1}{C_1 s}\right)}{L_1 s + R_1 + \frac{1}{C_1 s}}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, L_L s + \frac{1}{C_L s}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{qd}^2 C_{gs} L_1 L_2 L_L R_1 R_2 r_o^2 s^9 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R_1 R_2 r_o s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 L_L R
  10.866 INVALID-ORDER-866 Z(s) = \left(\frac{R_1\left(L_1 s + \frac{1}{C_1 s}\right)}{L_1 s + R_1 + \frac{1}{C_1 s}}, \frac{L_2 s}{C_2 L_2 s^2 + 1} + R_2, \infty, \infty, \infty, \frac{L_L s}{C_L L_L s^2 + 1}\right)
10.867 INVALID-ORDER-867 Z(s) = \left(\frac{R_1\left(L_1s + \frac{1}{C_1s}\right)}{L_1s + R_1 + \frac{1}{C_1s}}, \frac{L_2s}{C_2L_2s^2 + 1} + R_2, \infty, \infty, \infty, L_Ls + R_L + \frac{1}{C_Ls}\right)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    H(s) = \frac{R_1 \left( C_{gd}s - g_m \right) \left( C_1 L_1 s^2 + 1 \right) \left( C_L L_L s^2 + C_L R_L s + 1 \right) \left( C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + L_2 g_m r_o s + L_2 s + R_2 g_m r_o + R_2 + r_o \right)}{R_1 \left( C_1 L_1 s^2 + 1 \right) \left( C_1 L_1 s^2 + C_1 R_1 s + 1 \right) \left( C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + L_2 g_m r_o s + L_2 s + R_2 g_m r_o + R_2 + r_o \right)}
                                                                                                                                                                                                   \frac{\overline{c_{1s}}}{L_1s+R_1+\frac{1}{C_1s}}, \ \frac{L_2s}{C_2L_2s^2+1}+R_2, \ \infty, \ \infty, \ \frac{1}{C_Ls+\frac{1}{R_L}+\frac{1}{L_Ls}}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  H(s) = \frac{L_L R_1 R_L s \left(C_{gd} s - g_m\right) \left(C_1 L_1 s^2 + 1\right) \left(C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + L_2 g_m r_o s + L_2 s + R_2 g_m r_o + R_2 + r_o\right)}{L_1 R_1 R_2 s \left(C_{gd} s - g_m\right) \left(C_1 L_1 s^2 + 1\right) \left(C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + L_2 g_m r_o s + L_2 s + R_2 g_m r_o + R_2 + r_o\right)}
                                                                                                                                                                                                   \frac{\overline{c_{1s}}}{L_{1s}+R_{1}+\frac{1}{C_{1}s}}, \ \frac{L_{2s}}{C_{2}L_{2}s^{2}+1}+R_{2}, \ \infty, \ \infty, \ \frac{L_{Ls}}{C_{L}L_{Ls}^{2}+1}+R_{L}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                H(s) = \frac{R_1 \left( C_{gd}s - g_m \right) \left( C_1 L_1 s^2 + 1 \right) \left( C_L L_L R_L s^2 + L_L s + R_L \right) \left( C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + L_2 g_m r_o s + L_2 s + R_2 g_m r_o + R_2 + r_o \right)}{R_1 \left( C_1 L_1 s^2 + 1 \right) \left( C_1 L_1 s^2 + L_2 s + L
                                                                                                                                                                                                   \frac{\overline{c_{1}s}}{L_{1}s+R_{1}+\frac{1}{C_{1}s}}, \ \frac{L_{2}s}{C_{2}L_{2}s^{2}+1}+R_{2}, \ \infty, \ \infty, \ \infty, \ \frac{R_{L}\left(L_{L}s+\frac{1}{C_{L}s}\right)}{L_{L}s+R_{L}+\frac{1}{C_{L}s}}\right)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 H(s) = \frac{R_1 R_L \left( C_{gd} s - g_m \right) \left( C_1 L_1 s^2 + 1 \right) \left( C_L L_L s^2 + 1 \right) \left( C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + L_2 g_m r_o s + L_2 s + R_2 g_m r_o + R_2 + r_o \right)}{R_1 R_2 \left( C_{gd} s - g_m \right) \left( C_1 L_1 s^2 + 1 \right) \left( C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + L_2 g_m r_o s + L_2 s + R_2 g_m r_o + R_2 + r_o \right)}
                                                                                                                                                                                                  \frac{\overline{c_{1s}}}{L_{1s}+R_{1}+\frac{1}{C_{1s}}}, \ \frac{R_{2}\left(L_{2s}+\frac{1}{C_{2s}}\right)}{L_{2s}+R_{2}+\frac{1}{C_{2s}}}, \ \infty, \ \infty, \ \infty, \ R_{L}
 H(s) = \frac{1}{C_1 C_2 C_{ad}^2 C_{gs} L_1 L_2 R_1 R_2 R_L r_o^2 s^7 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_{ad}^2 L_1 L_2 R_1 R_2 R_L r_o s^6 + C_
10.872 INVALID-ORDER-872 Z(s) = \left(\frac{R_1\left(L_1s + \frac{1}{C_1s}\right)}{L_1s + R_1 + \frac{1}{C_1s}}, \frac{R_2\left(L_2s + \frac{1}{C_2s}\right)}{L_2s + R_2 + \frac{1}{C_2s}}, \infty, \infty, \infty, \frac{1}{C_Ls}\right)
  H(s) = \frac{H(s)}{C_1 C_2 C_L C_{gd} C_{gs} L_1 L_2 R_1 R_2 r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 g_m r_o s^6 + C_1 C_2 C_L C_{
10.873 INVALID-ORDER-873 Z(s) = \left(\frac{R_1\left(L_1s + \frac{1}{C_1s}\right)}{L_1s + R_1 + \frac{1}{C_1s}}, \frac{R_2\left(L_2s + \frac{1}{C_2s}\right)}{L_2s + R_2 + \frac{1}{C_2s}}, \infty, \infty, \infty, \frac{R_L}{C_LR_Ls + 1}\right)
 H(s) = \frac{1}{C_1 C_2 C_L C_{gd} C_{gs} L_1 L_2 R_1 R_2 R_L r_o^2 s^7 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_{gd} L_1 L_2 R_1 R_2 R_L r_o s^6 + C_1 C_2 C_L C_
10.874 INVALID-ORDER-874 Z(s) = \left(\frac{R_1\left(L_1 s + \frac{1}{C_1 s}\right)}{L_1 s + R_1 + \frac{1}{C_1 s}}, \frac{R_2\left(L_2 s + \frac{1}{C_2 s}\right)}{L_2 s + R_2 + \frac{1}{C_2 s}}, \infty, \infty, \infty, R_L + \frac{1}{C_L s}\right)
  H(s) = \frac{H(s)}{C_1 C_2 C_L C_{gd}^2 C_{gs} L_1 L_2 R_1 R_2 R_L r_o^2 s^8 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_1 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_2 R_1 R_2 R_L r_o s^7 + C_1 C_2 C_L C_{gd}^2 L_2 R_1 R_2 R_L r_o s^
10.875 INVALID-ORDER-875 Z(s) = \left(\frac{R_1\left(L_1s + \frac{1}{C_1s}\right)}{L_1s + R_1 + \frac{1}{C_1s}}, \frac{R_2\left(L_2s + \frac{1}{C_2s}\right)}{L_2s + R_2 + \frac{1}{C_2s}}, \infty, \infty, \infty, L_Ls + \frac{1}{C_Ls}\right)
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 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{ad}^{2}C_{gs}L_{1}L_{2}L_{L}R_{1}R_{2}r_{o}s^{7} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{1}L_{2}L_{L}R_{1}R_{2}r_{o}s^{7} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{2}L_{L}R_{1}R_{2}r_{o}s^{7} + C_{1}C_{2}C_{L}C_{gd}^{2}L_{2}L_{L}R_{1}R_{2}r_{o}s^{7} + C_{1}C_{2}C_{L}C_{gd$

10.876 INVALID-ORDER-876 $Z(s) = \left(\frac{R_1\left(L_1s + \frac{1}{C_1s}\right)}{L_1s + R_1 + \frac{1}{C_1s}}, \frac{R_2\left(L_2s + \frac{1}{C_2s}\right)}{L_2s + R_2 + \frac{1}{C_2s}}, \infty, \infty, \infty, \frac{L_Ls}{C_LL_Ls^2 + 1}\right)$

 $H(s) = \frac{1}{C_{1}C_{2}C_{L}C_{gd}C_{gs}L_{1}L_{2}L_{L}R_{1}R_{2}r_{o}s^{6} + C_{1}C_{2}C_{L}C_{gd}L_{1}L_{2}L_{L}R_{1}R_{2}r_{o}s^{7} + C_{1}C_{2}C_{L}C_{gd$

10.877 INVALID-ORDER-877 $Z(s) = \left(\frac{R_1\left(L_1s + \frac{1}{C_1s}\right)}{L_1s + R_1 + \frac{1}{C_1s}}, \frac{R_2\left(L_2s + \frac{1}{C_2s}\right)}{L_2s + R_2 + \frac{1}{C_2s}}, \infty, \infty, \infty, \infty, L_Ls + R_L + \frac{1}{C_Ls}\right)$

 $\frac{\frac{C_1s}{C_1s}}{L_1s + R_1 + \frac{1}{C_1s}}, \quad \frac{R_2\left(L_2s + \frac{1}{C_2s}\right)}{L_2s + R_2 + \frac{1}{C_2s}}, \quad \infty, \quad \infty, \quad \infty, \quad \frac{1}{C_Ls + \frac{1}{R_L} + \frac{1}{L_Ls}}\right)$

 $\frac{\frac{\overline{C_{1}s}}{L_{1}s + R_{1} + \frac{1}{C_{1}s}}, \quad \frac{R_{2}\left(L_{2}s + \frac{1}{C_{2}s}\right)}{L_{2}s + R_{2} + \frac{1}{C_{2}s}}, \quad \infty, \quad \infty, \quad \infty, \quad \frac{L_{L}s}{C_{L}L_{L}s^{2} + 1} + R_{L}\right)$

 $\frac{\frac{\overline{C_1s}}{L_1s + R_1 + \frac{1}{C_1s}}, \quad \frac{R_2\left(L_2s + \frac{1}{C_2s}\right)}{L_2s + R_2 + \frac{1}{C_2s}}, \quad \infty, \quad \infty, \quad \infty, \quad \frac{R_L\left(L_Ls + \frac{1}{C_Ls}\right)}{L_Ls + R_L + \frac{1}{C_Ls}}\right)$

 $H(s) = \frac{R_1 \left(C_{gd} s - g_m \right) \left(C_1 L_1 s^2 + 1 \right) \left(C_L L_L s^2 + C_L R_L s + 1 \right) \left(C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + C_2 R_2 r_o s + R_2 g_m r_o + R_2 + r_o \right)}{R_1 \left(C_1 L_1 s^2 + 1 \right) \left(C_1 L_1 s^2 + C_1 R_1 s + 1 \right) \left(C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + C_2 R_2 r_o s + R_2 g_m r_o + R_2 + r_o \right)}$

 $H(s) = \frac{L_L R_1 R_L s \left(C_{gd} s - g_m\right) \left(C_1 L_1 s^2 + 1\right) \left(C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + C_2 R_2 r_o s + R_2 g_m r_o + R_2 + r_o\right)}{2 \left(C_1 L_1 s^2 + 1\right) \left(C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + C_2 R_2 r_o s + R_2 g_m r_o + R_2 + r_o\right)}$

 $H(s) = \frac{R_1 \left(C_{gd} s - g_m \right) \left(C_1 L_1 s^2 + 1 \right) \left(C_L L_L R_L s^2 + L_L s + R_L \right) \left(C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + C_2 R_2 r_o s + R_2 g_m r_o + R_2 + r_o \right)}{R_1 \left(C_1 L_1 s^2 + 1 \right) \left(C_1 L_1 R_L s^2 + L_L s + R_L \right) \left(C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + C_2 R_2 r_o s + R_2 g_m r_o + R_2 + r_o \right)}$

 $H(s) = \frac{R_1 R_L \left(C_{gd} s - g_m\right) \left(C_1 L_1 s^2 + 1\right) \left(C_L L_L s^2 + 1\right) \left(C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + C_2 R_2 r_o s + R_2 g_m r_o + R_2 + r_o\right)}{R_1 R_L \left(C_{gd} s - g_m\right) \left(C_1 L_1 s^2 + 1\right) \left(C_L L_L s^2 + 1\right) \left(C_2 L_2 R_2 g_m r_o s^2 + C_2 L_2 R_2 s^2 + C_2 L_2 r_o s^2 + C_2 R_2 r_o s + R_2 g_m r_o + R_2 + r_o\right)}$