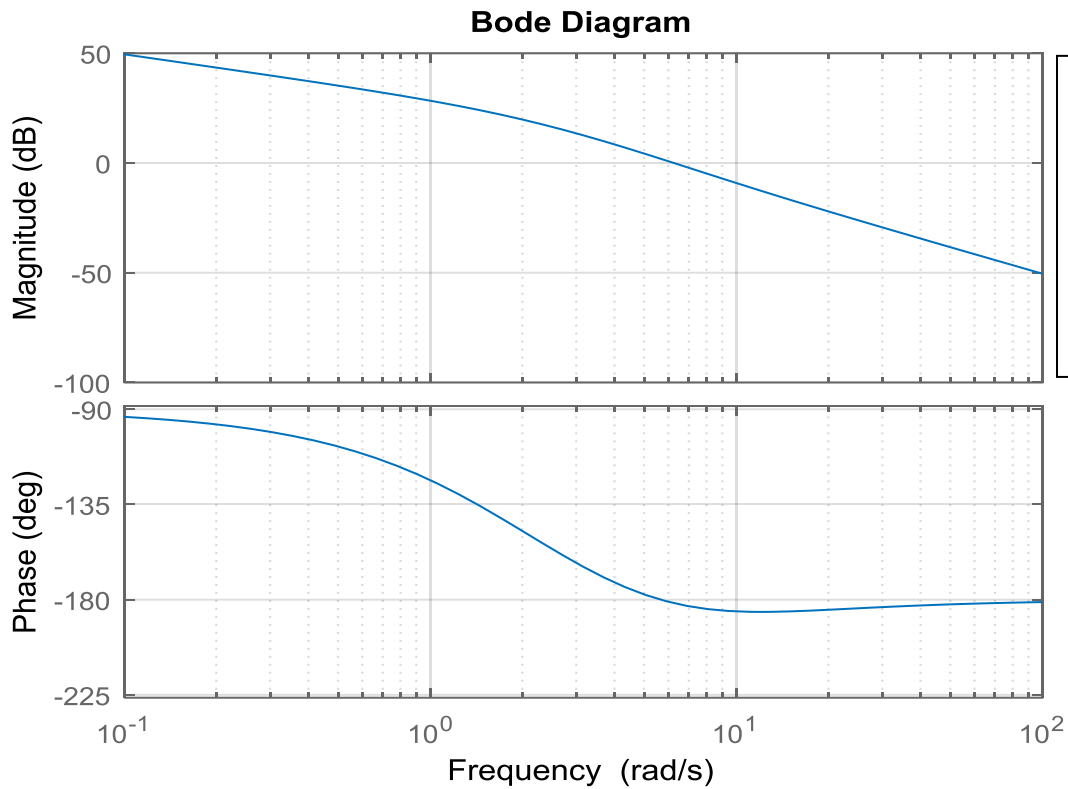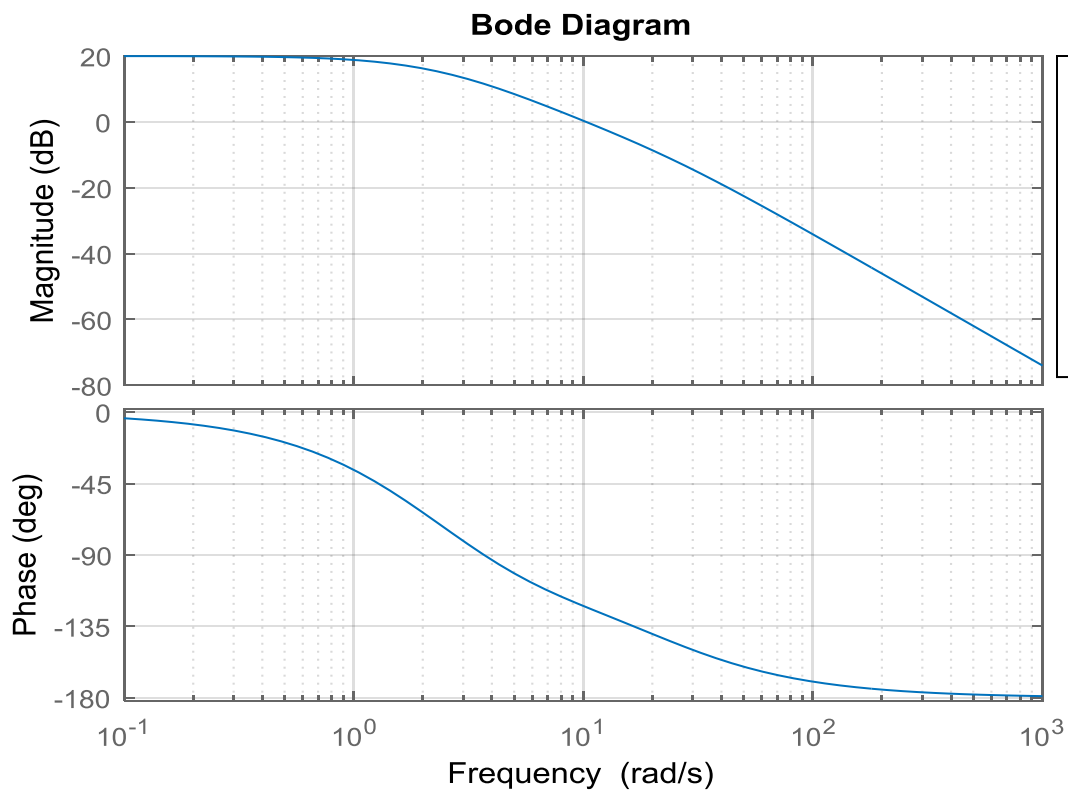MMAN3200: Verification, of our Bode plots (cases b, c and d), via Matlab. They should appear similar (but not identical) to the ones we get manually. We can see, these are similar to those in the doc about "hints".
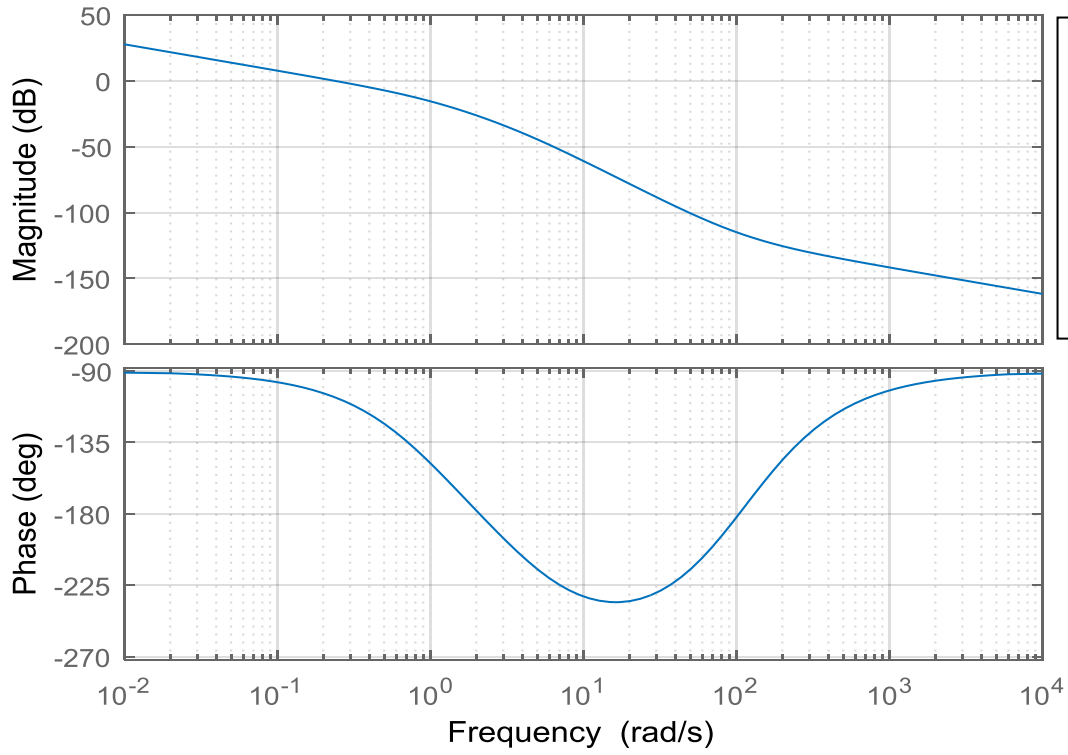
Bode Diagram

Problem b

$$H(s) = \frac{30 \cdot (s+8)}{s \cdot (s+2) \cdot (s+4)}$$

Bode Diagram

Problem c

$$H(s) = \frac{200 \cdot (s+8)}{(s+2) \cdot (s+4) \cdot (s+20)}$$

Bode Diagram

Problem d

$$H(s) = \frac{(s/100+1)\cdot(s/120+1)}{s\cdot(s+4)\cdot(s+1)}$$