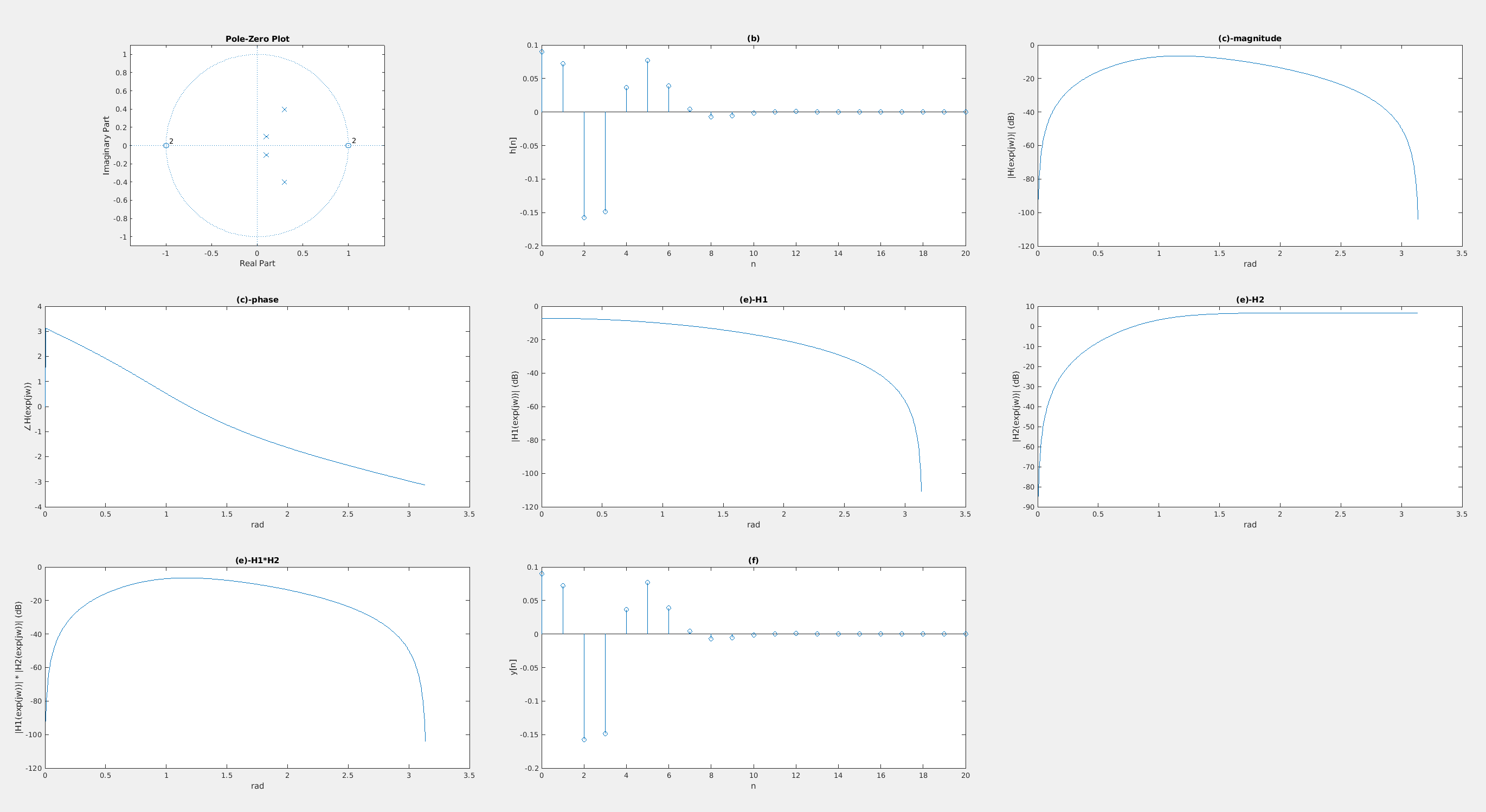
Matlab homework 4

B11901003方嘉麟



(a) (because of causality)

(d)

(e) I check this by Matlab in line 76 (all(abs(h1) .\* abs(h2) - abs(h) < 1e-12)), and the result is true, so the results of (c)-magnitude and (e)-H1\*H2 are almost the same.

(f) I check this by Matlab in line 86 (all(y - hb < 1e-12)), and the result is true, so the results of (b) and (f) are almost the same.