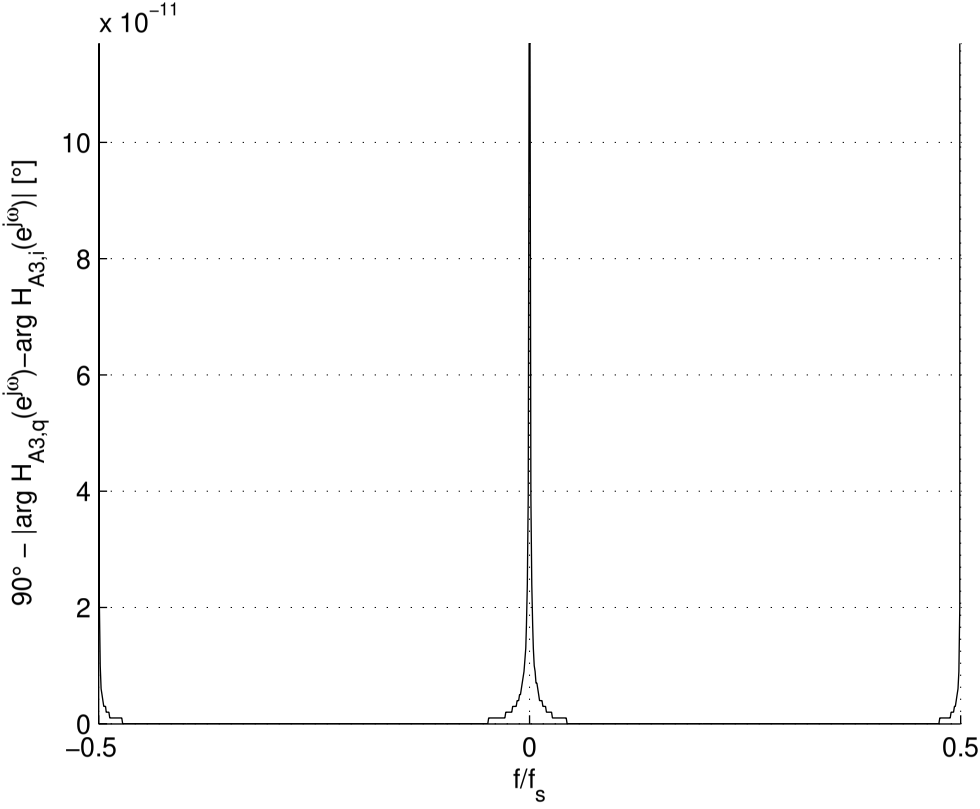
x 10^-11
90° – |arg H_A3,q(e^jω)–arg H_A3,i(e^jω)| [°]
10
8
6
4
2
0
–0.5
0
0.5
f/f_s