

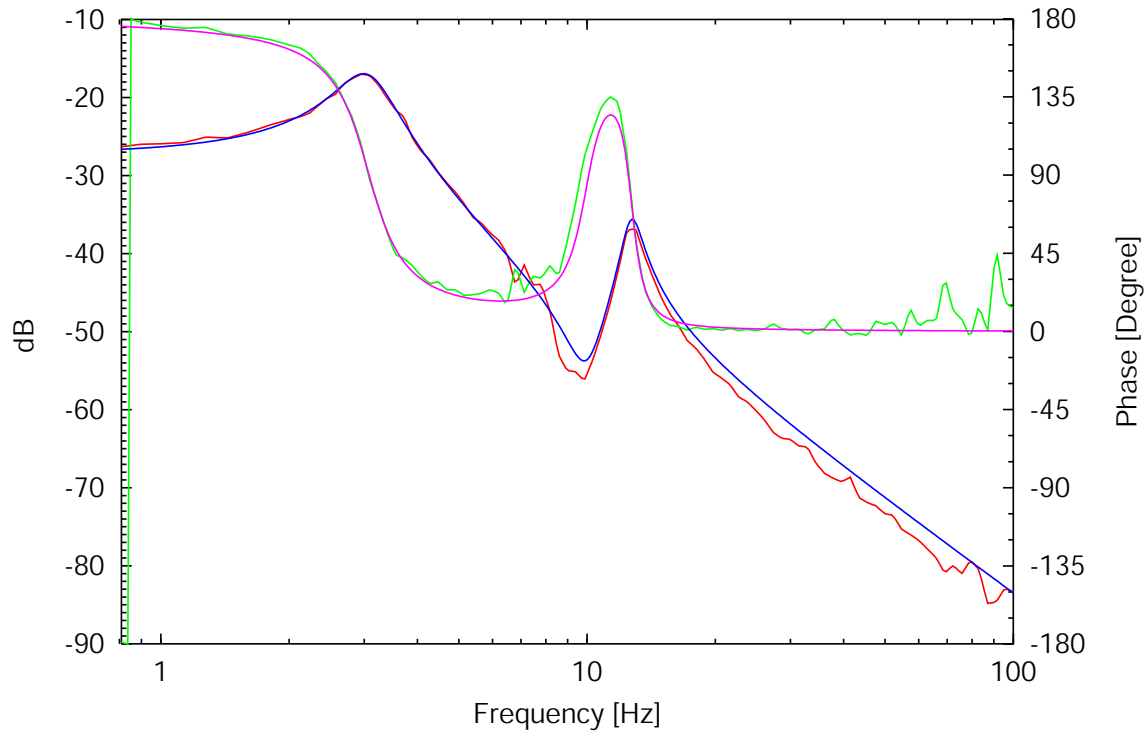
Recycling1: Mode Cleaner Suspension Transfer Functions

National Astronomical Observatory, TAMA project

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October 3, 2002

MC Input Pitch Coil



MC₁N_pITCH_QY.bod dB ——— TF dB ———
MC₁N_pITCH_QY.bod Phase ——— TF Phase ———

Filename: MC_IN_PITCH_QY.bod

Measured: 2002/10/03

Actuator: Coil

Sensor: MC WFS QY

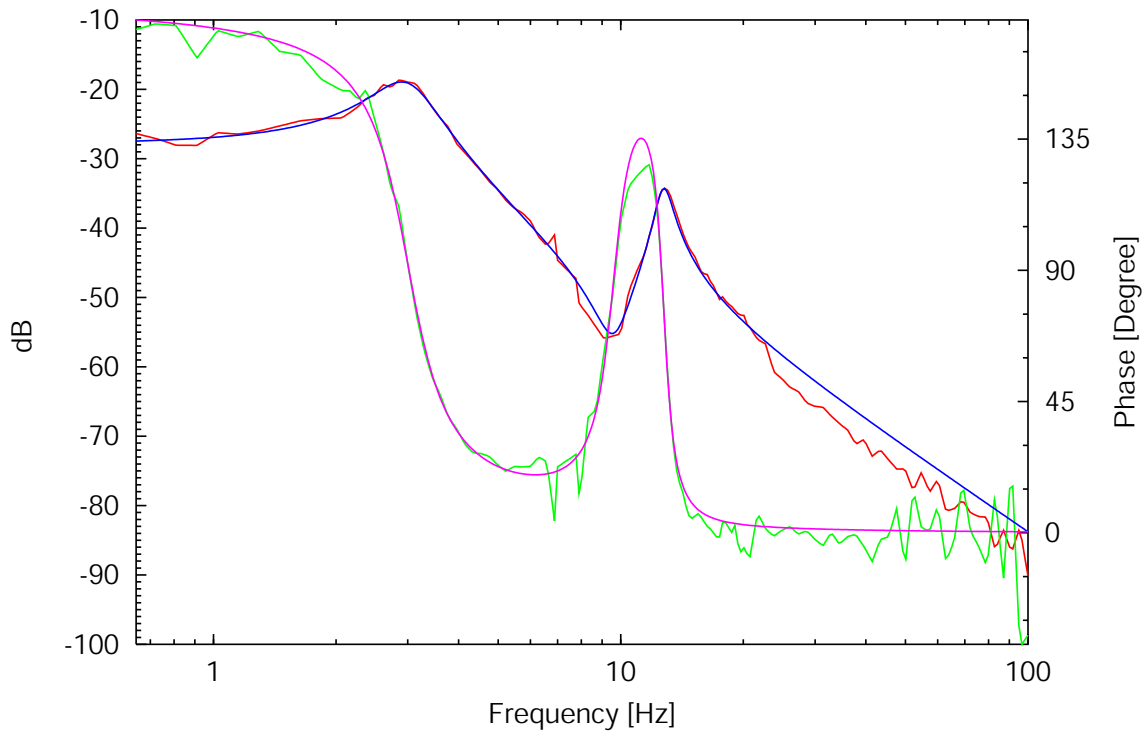
pole 3.0643919 3.3422784

zero 9.9726993 5.5280513

pole 12.710738 9.2622553

factor -43.611075m

MC Output Pitch Coil



MC_OUT_PITCH_QY.bod dB ——— TF dB ———
MC_OUT_PITCH_QY.bod Phase ——— TF Phase ———

Filename: MC_OUT_PITCH_QY.bod
Measured: 2002/10/03
Actuator: Coil
Sensor: MC WFS QY

pole 3.0009145 2.8534506
zero 9.6141001 5.7086817
pole 12.737431 10.25091
factor -40.63203m