

Glossary

AA : *anti-aliasing*
ADC : *analog-digital converter*
AI : *anti-imaging*
AOM : *acoustic-optic modulator*
AR : *anti-reflective coating*
AS : *anti-symmetric port*
BS : *beamsplitter*
CARM : *common-mode arm length change*
CMR(R) : *common-mode rejection (rate)*
DAC : *digital-analog converter*
DARM : *differential-mode arm length change*
EOM : *electro-optic modulator*
ESD : *electro-static drive*
ETM : *end test mass*
FI : *Faraday isolator*
FSS : *frequency stabilization system*
HOM : *higher order mode*
IM : *intermediate mass*
IP : *inverted pendulum*
ISS : *intensity stabilization system*
ITM : *input test mass*
LVDT : *linear variable differential transformer*
MB : *magnet block*
MC : *mode-cleaner*
MGAS : *monolithic geometrical anti-spring*
MICH : *differential length change of BS and ITMs*
MMT : *mode-matching telescope*
MZ : *Mach-Zehnder*
OMC : *output mode-cleaner*
PD : *photo-detector*
PDH : *Pound-Drever-Hall method*
PF : *platform*
PMC : *pre-mode-cleaner*
POM : *pick-off mirror*
POP : *pick-off port in PRC*
POX : *pick-off port from ITM_x AR*
POY : *pick-off port from ITM_y AR*
PRCL : *power-recycling cavity length change*
PRM : *power-recycling mirror*
PTC : *pulse tube cooler*
QPD : *quadrant photo-detector*
RC : *recycling cavity*
REFL : *reflection port*
RM : *recoil mass*
RMS : *root mean square*
RMTM : *recoil mass of test mass*
RoC : *radius of curvature*
SAS : *seismic attenuation system*
SFA : *single frequency amplifier*

SRCL : *signal-recycling cavity length change*
SRM : *signal-recycling mirror*
TCS : *thermal compensation system*
TM : *test mass*
WFS : *wave-front sensing*