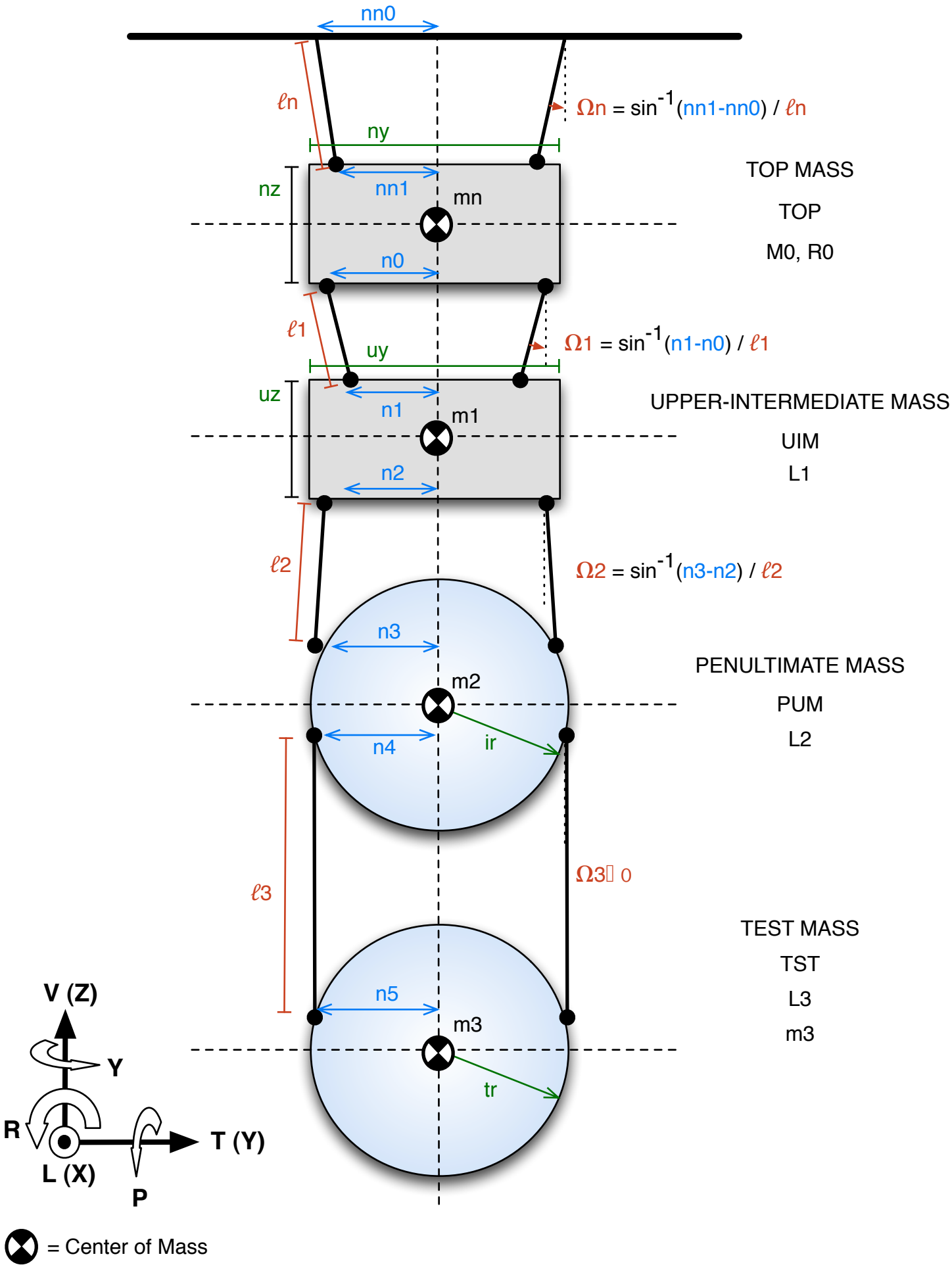
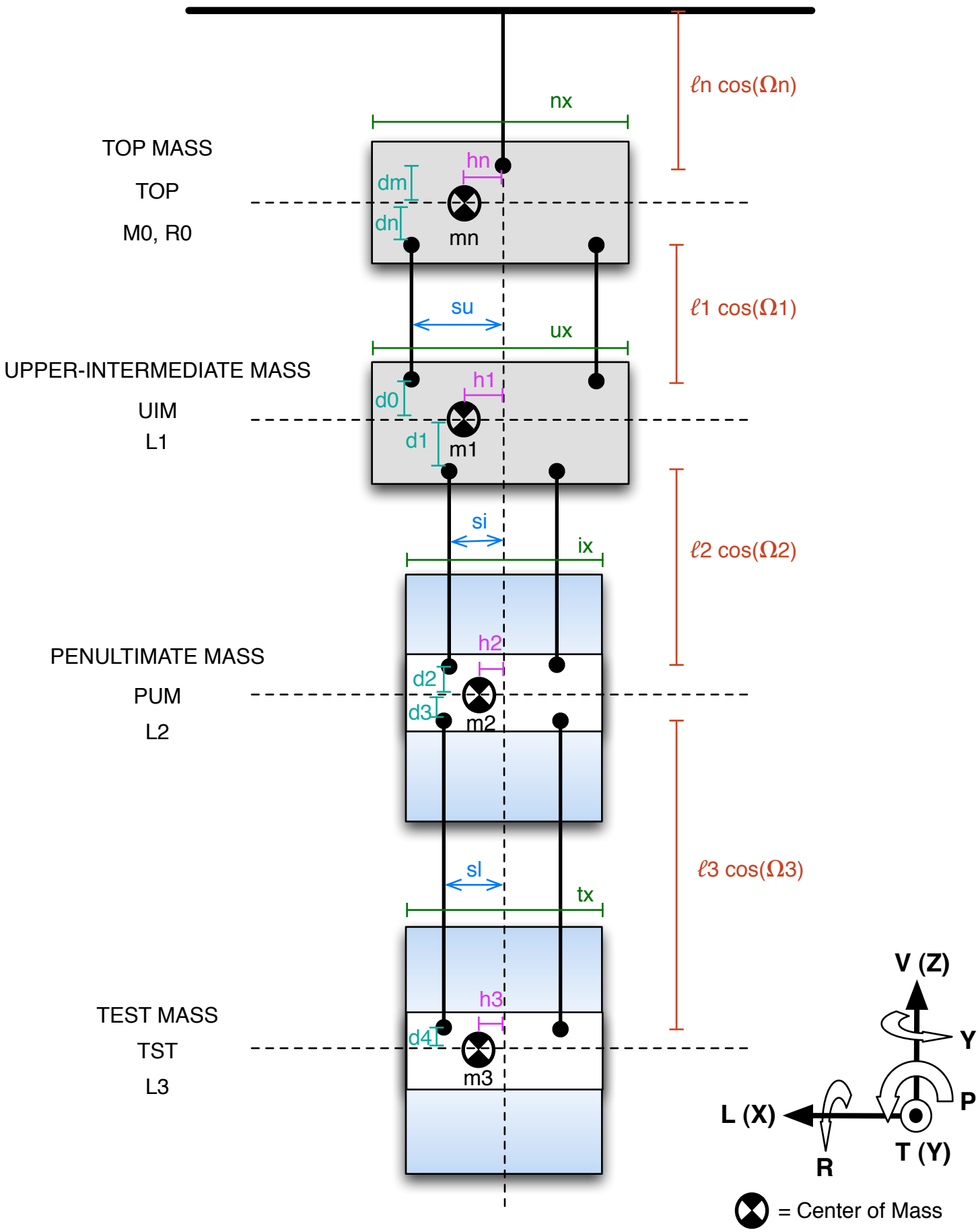

nn0
ℓn
Ωn = sin-1(nn1-nn0) / ℓn
ny
nz
nn1
mn
n0
TOP MASS
TOP
M0, R0
ℓ1
Ω1 = sin-1(n1-n0) / ℓ1
uy
uz
n1
m1
n2
UPPER-INTERMEDIATE MASS
UIM
L1
ℓ2
Ω2 = sin-1(n3-n2) / ℓ2
n3
m2
n4
ir
PENULTIMATE MASS
PUM
L2
ℓ3
Ω3 0
n5
m3
tr
TEST MASS
TST
L3
m3
V (Z)
Y
R
T (Y)
L (X)
P
= Center of Mass


TOP MASS
TOP
M0, R0
UPPER-INTERMEDIATE MASS
UIM
L1
PENULTIMATE MASS
PUM
L2
TEST MASS
TST
L3
nx
hn
dm
dn
mn
su
ux
h1
d0
d1
m1
si
ix
h2
d2
d3
m2
sl
tx
h3
d4
m3
ℓn cos(Ωn)
ℓ1 cos(Ω1)
ℓ2 cos(Ω2)
ℓ3 cos(Ω3)
V (Z)
Y
P
L (X)
R
T (Y)
= Center of Mass