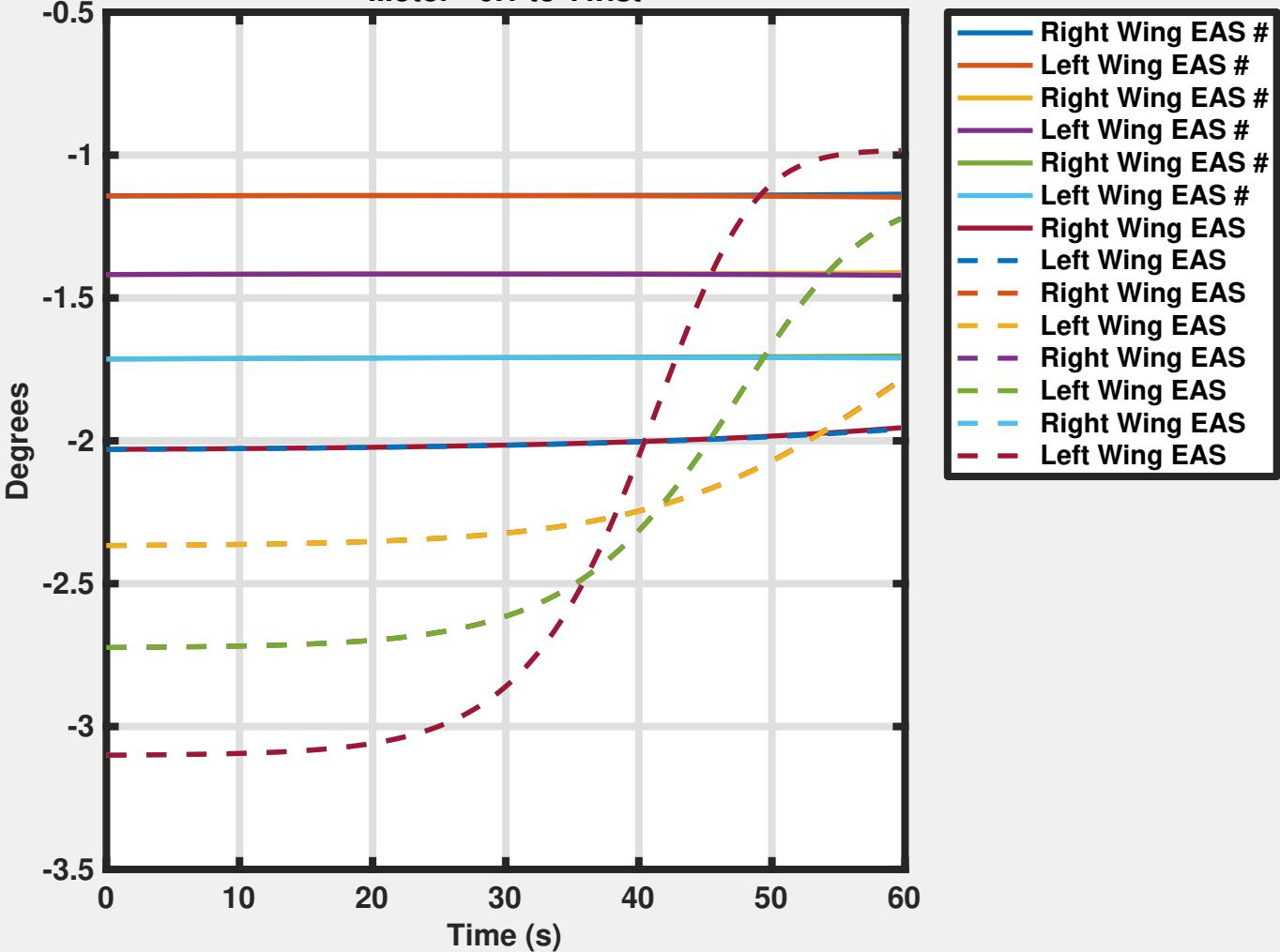
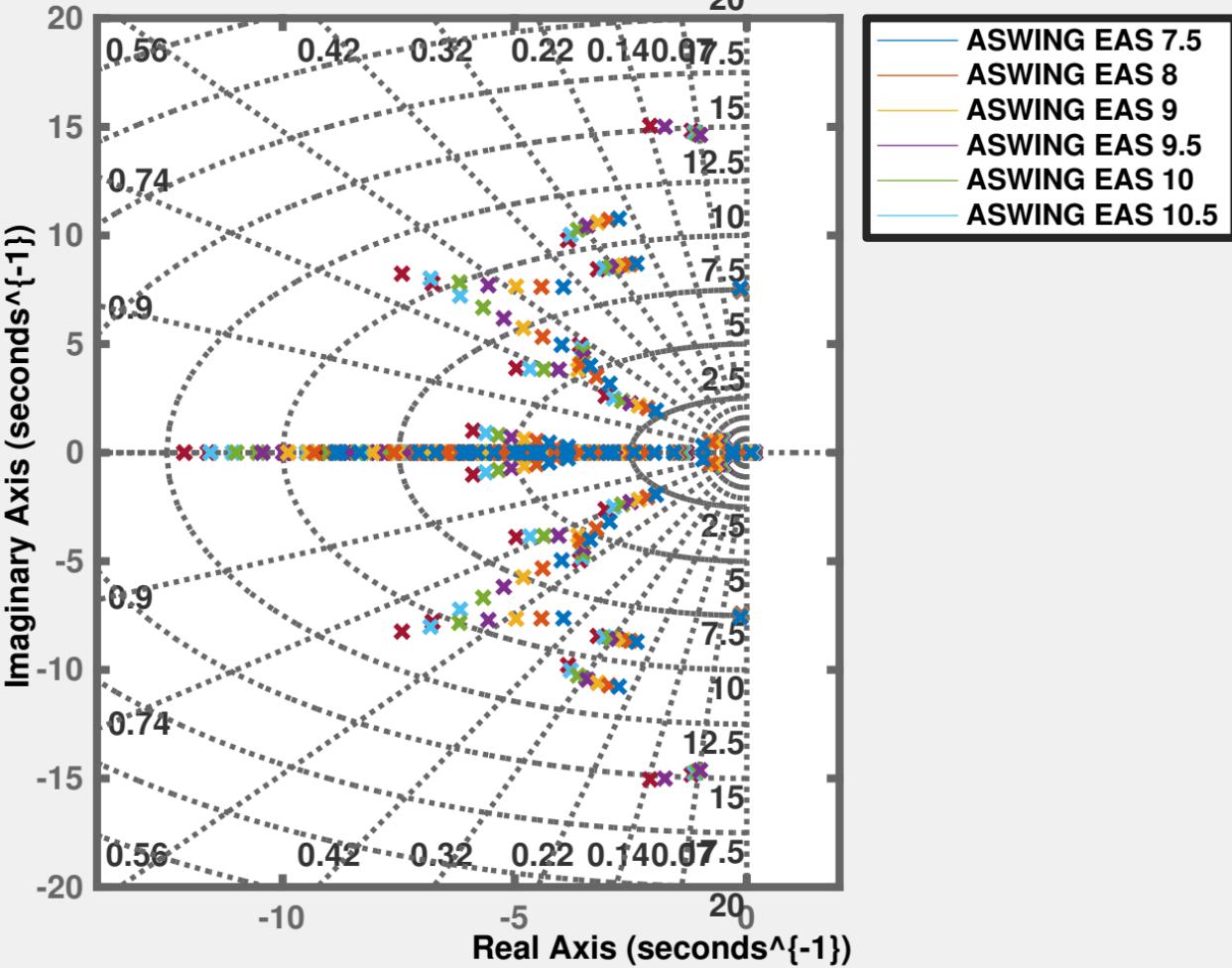


Motor - 0.1 to Twist

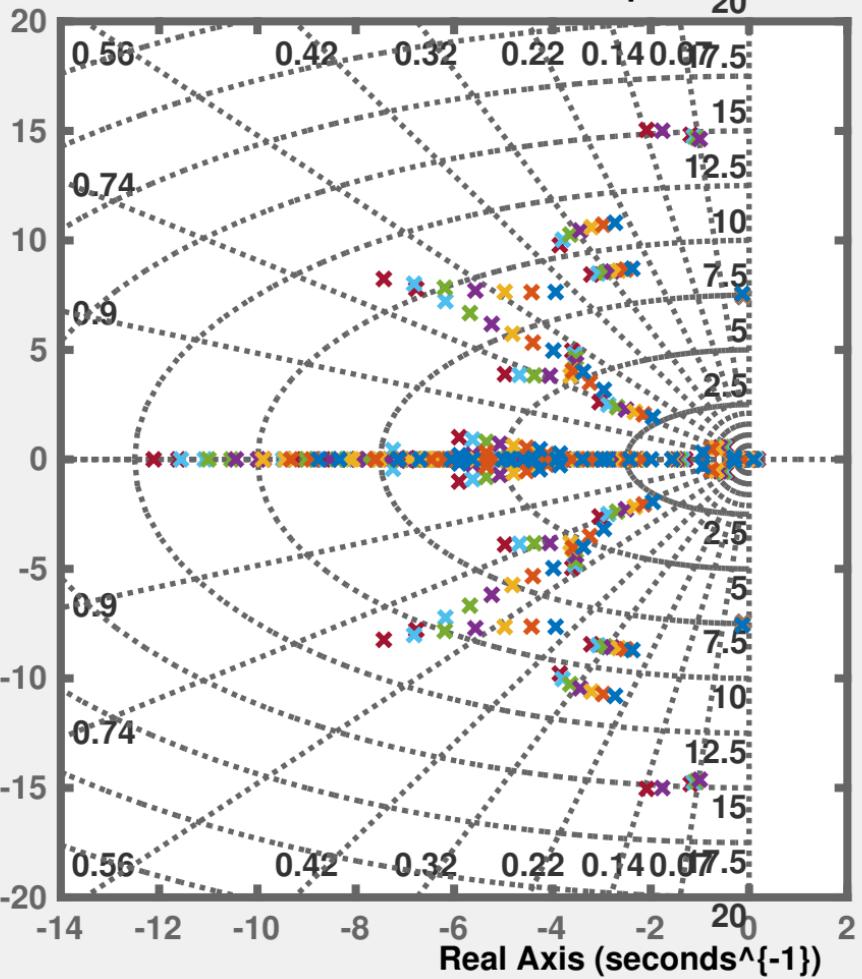


PZ Map ASWING

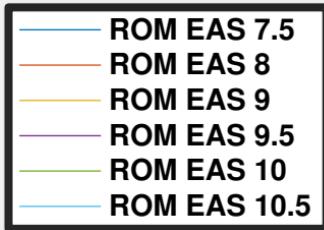


PZ Map ROM₂₀

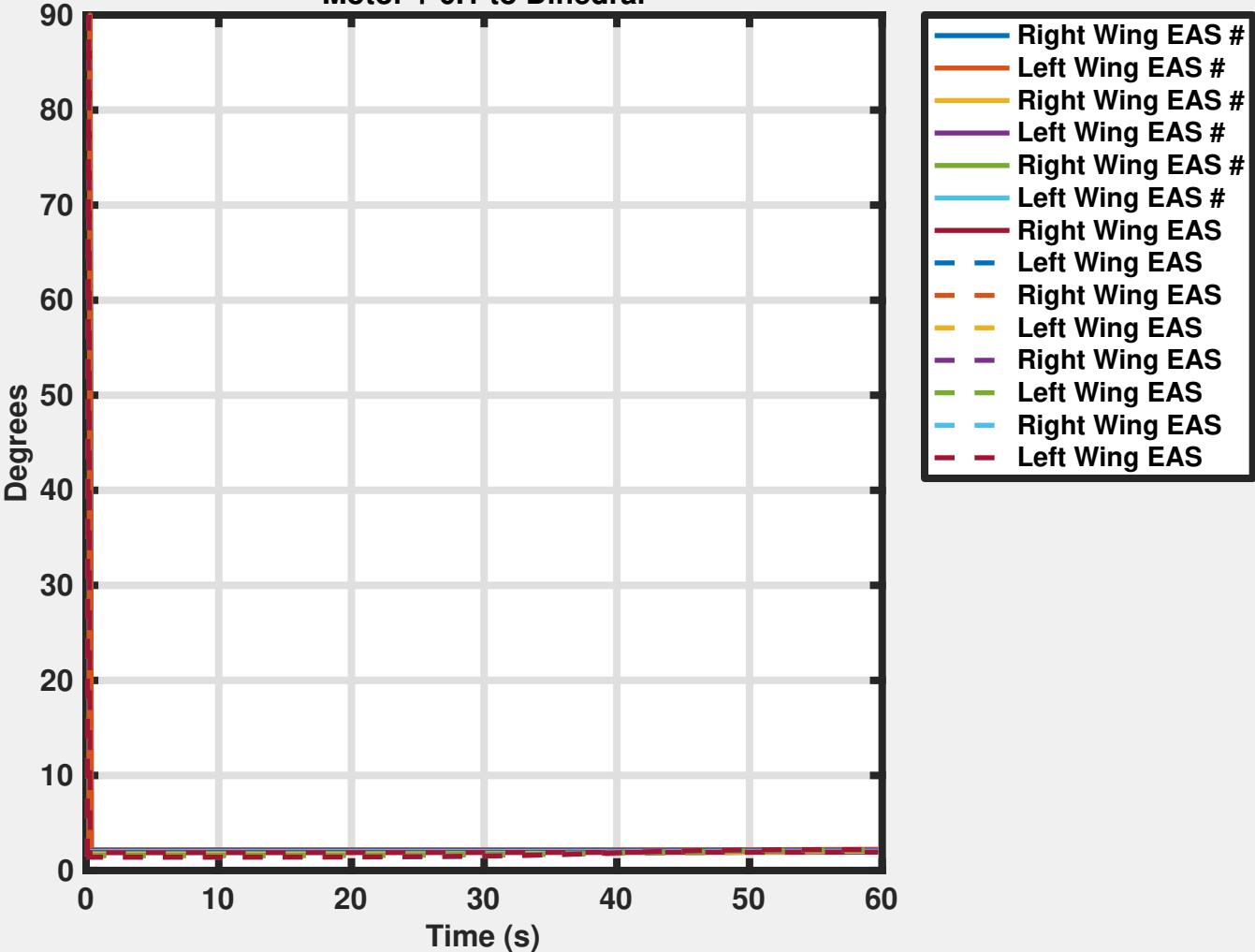
Imaginary Axis (seconds⁻¹)



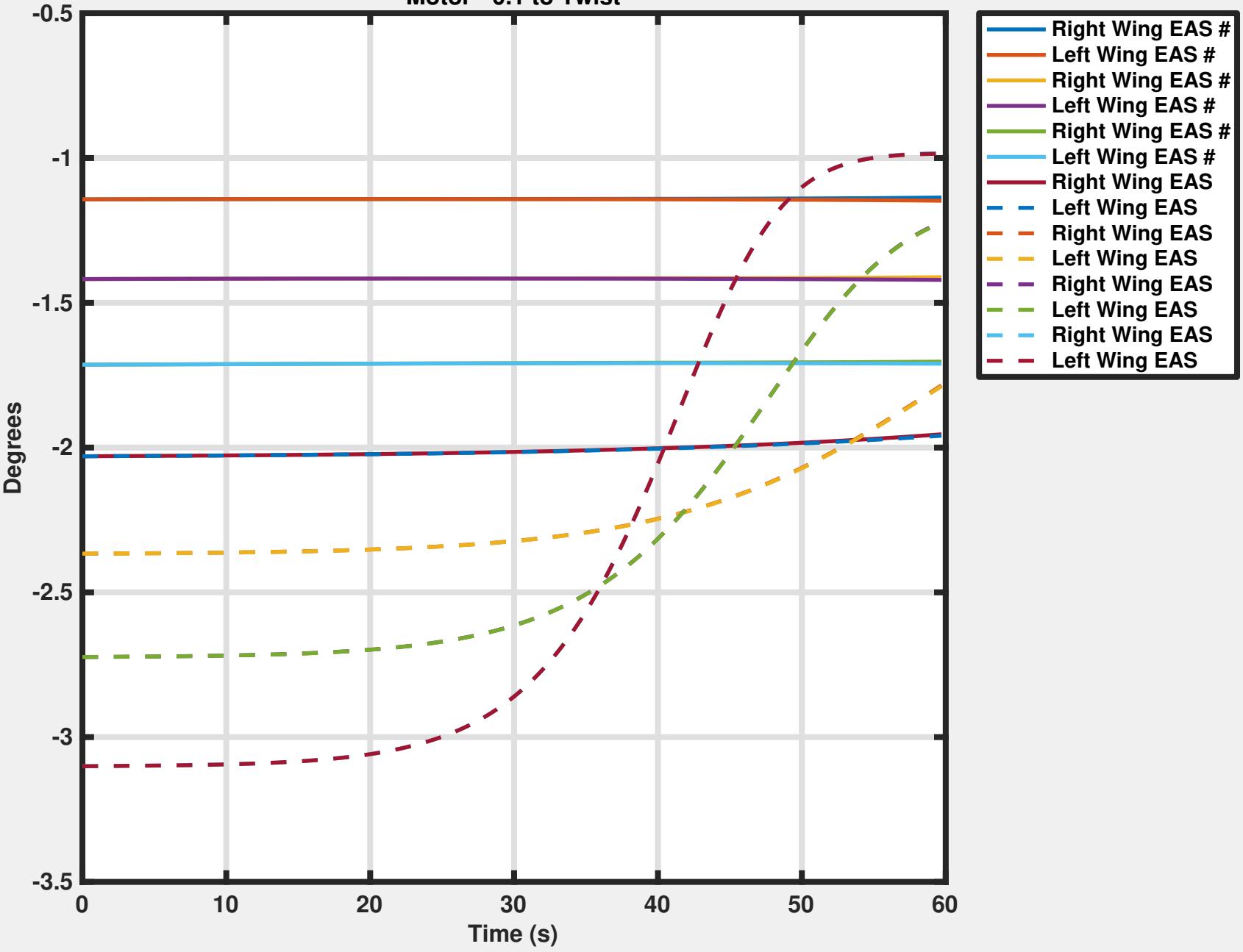
Real Axis (seconds⁻¹)



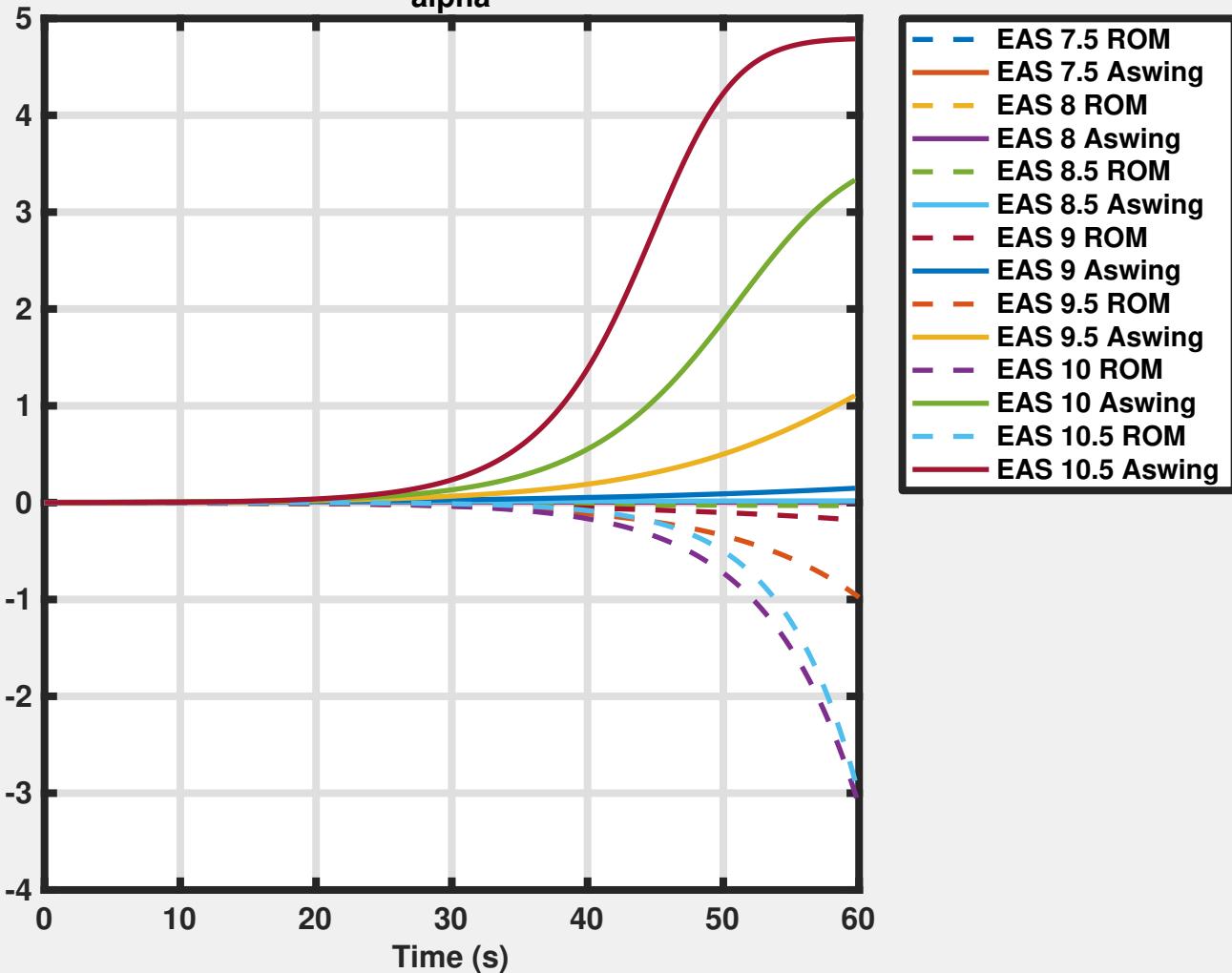
Motor + 0.1 to Dihedral



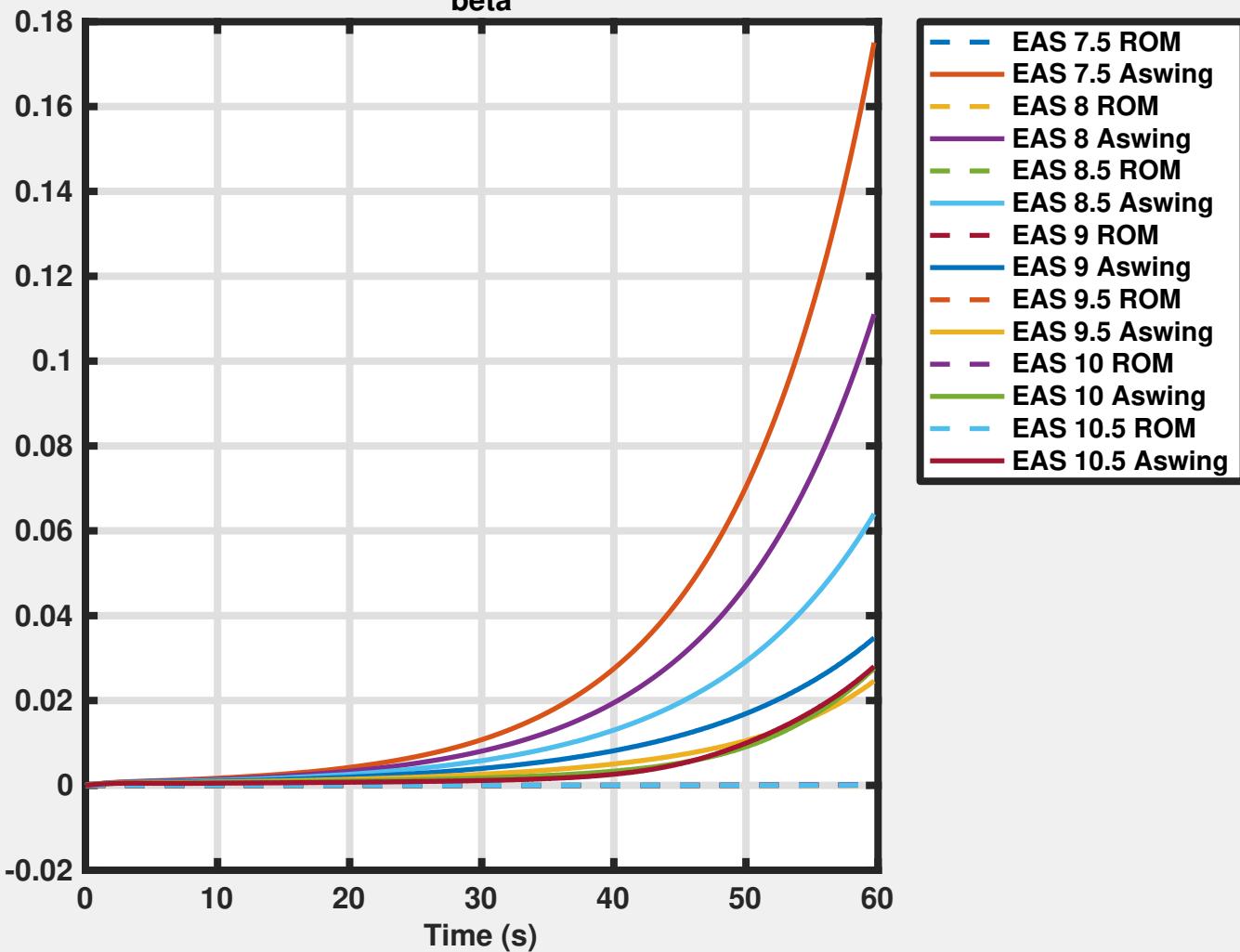
Motor - 0.1 to Twist



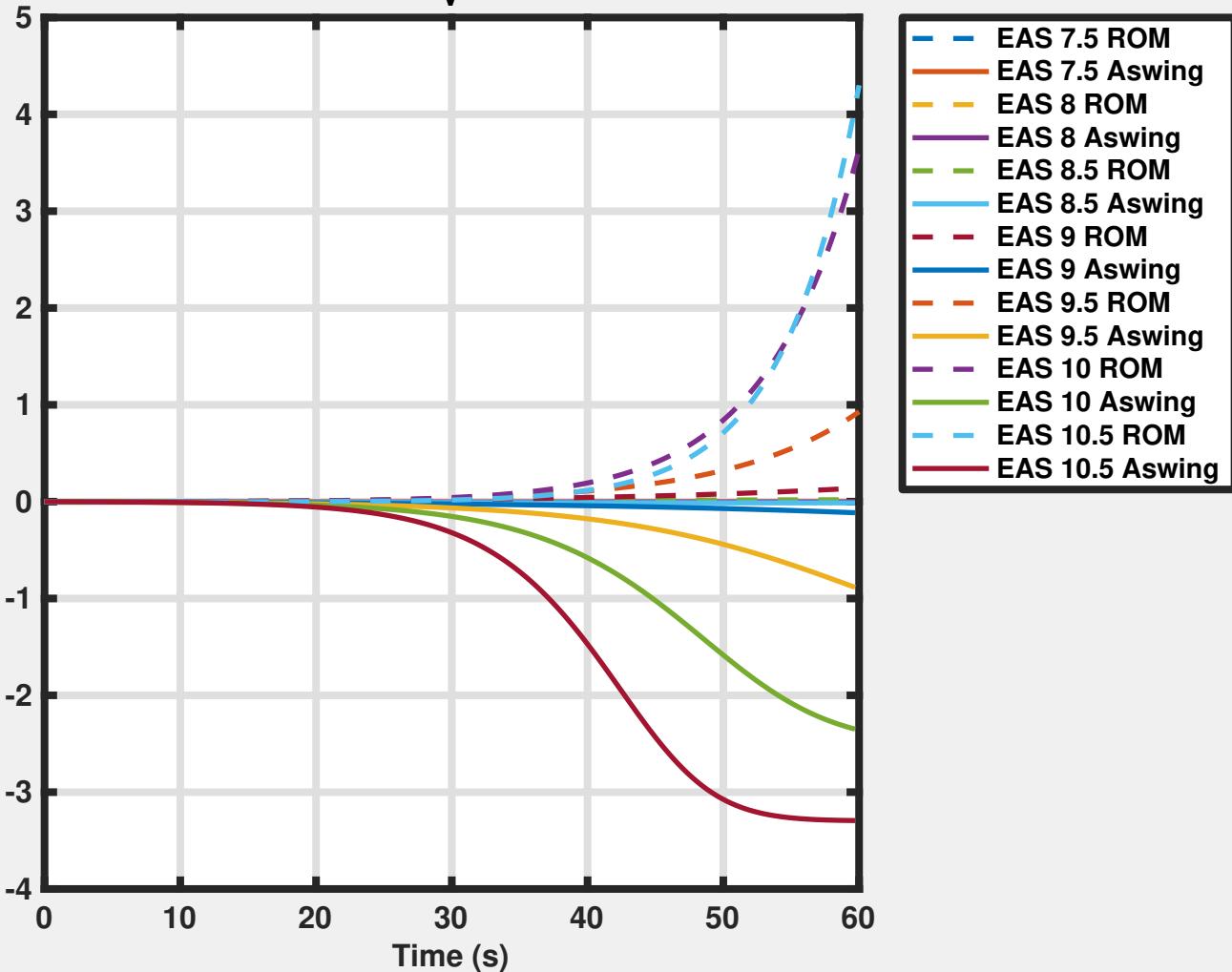
Motor - 0.1 to alpha



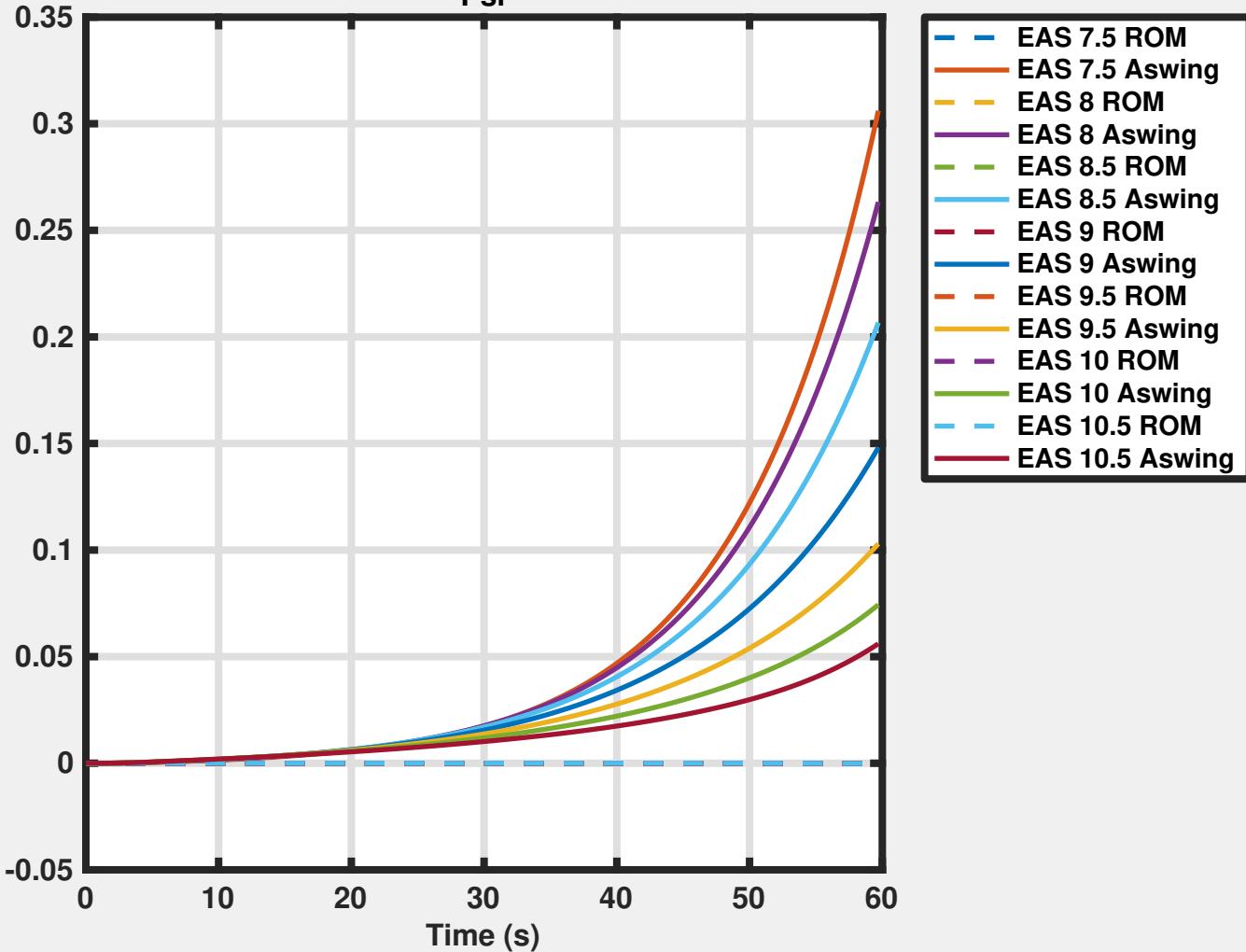
**Motor - 0.1 to
beta**



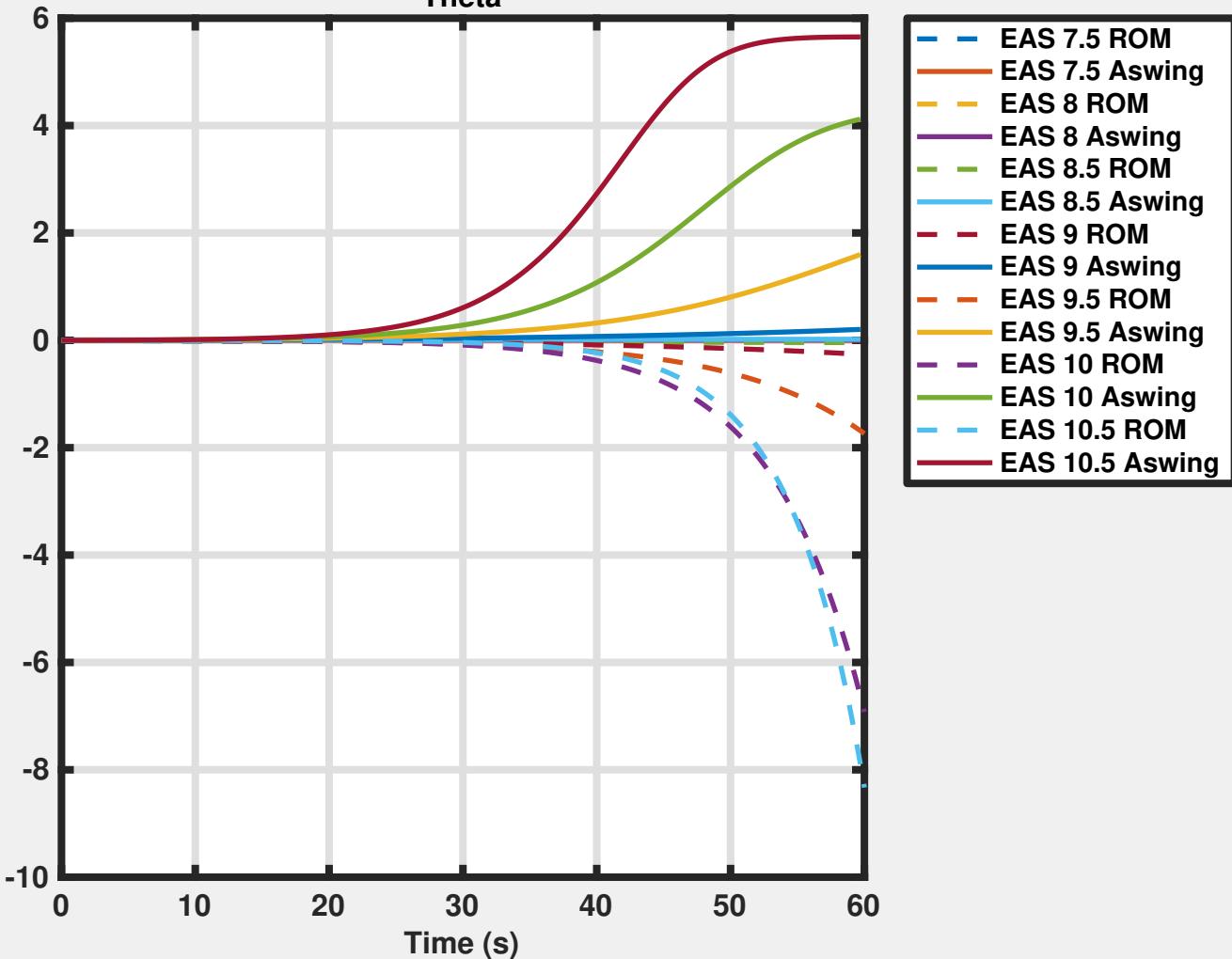
Motor - 0.1 to V



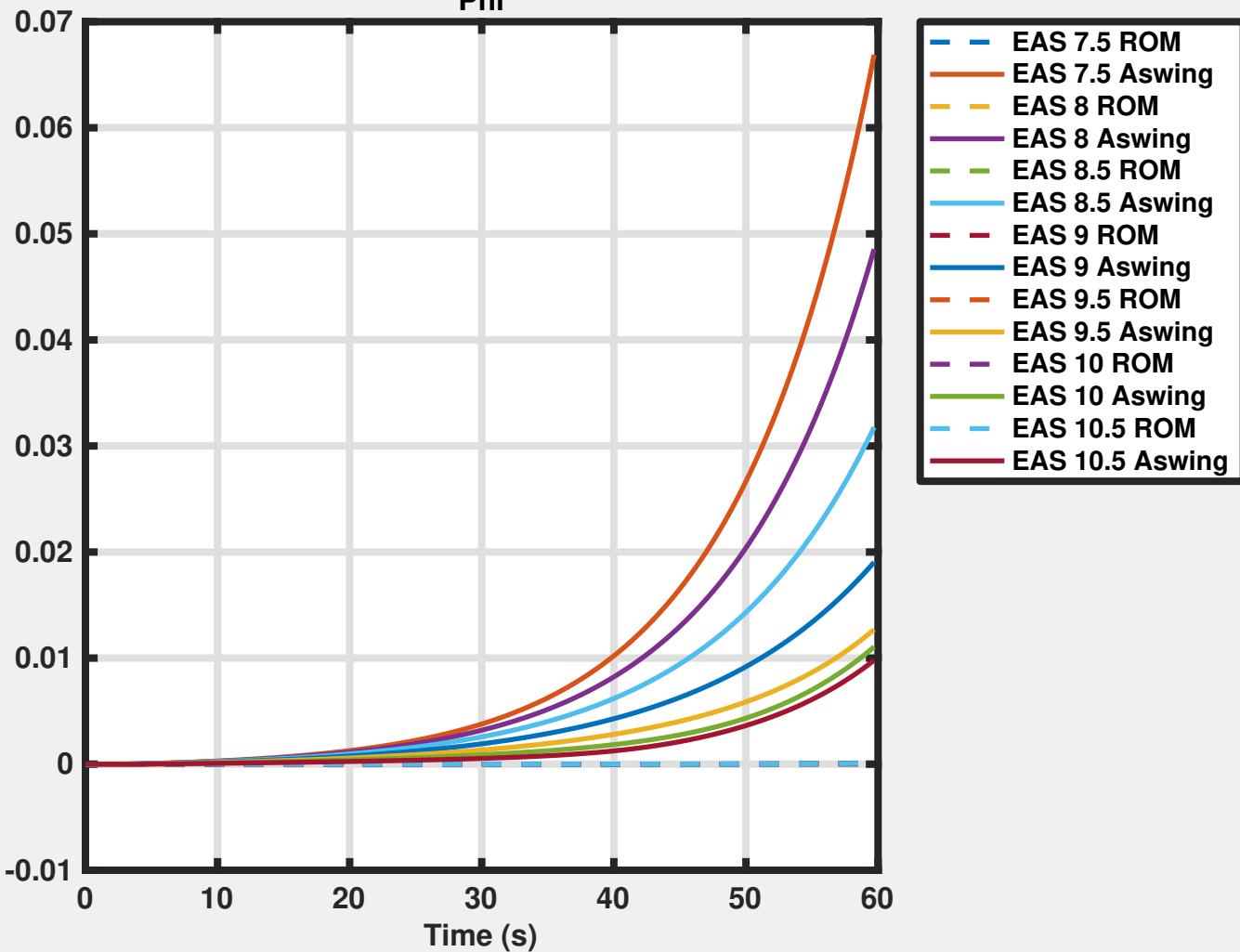
**Motor - 0.1 to
Psi**



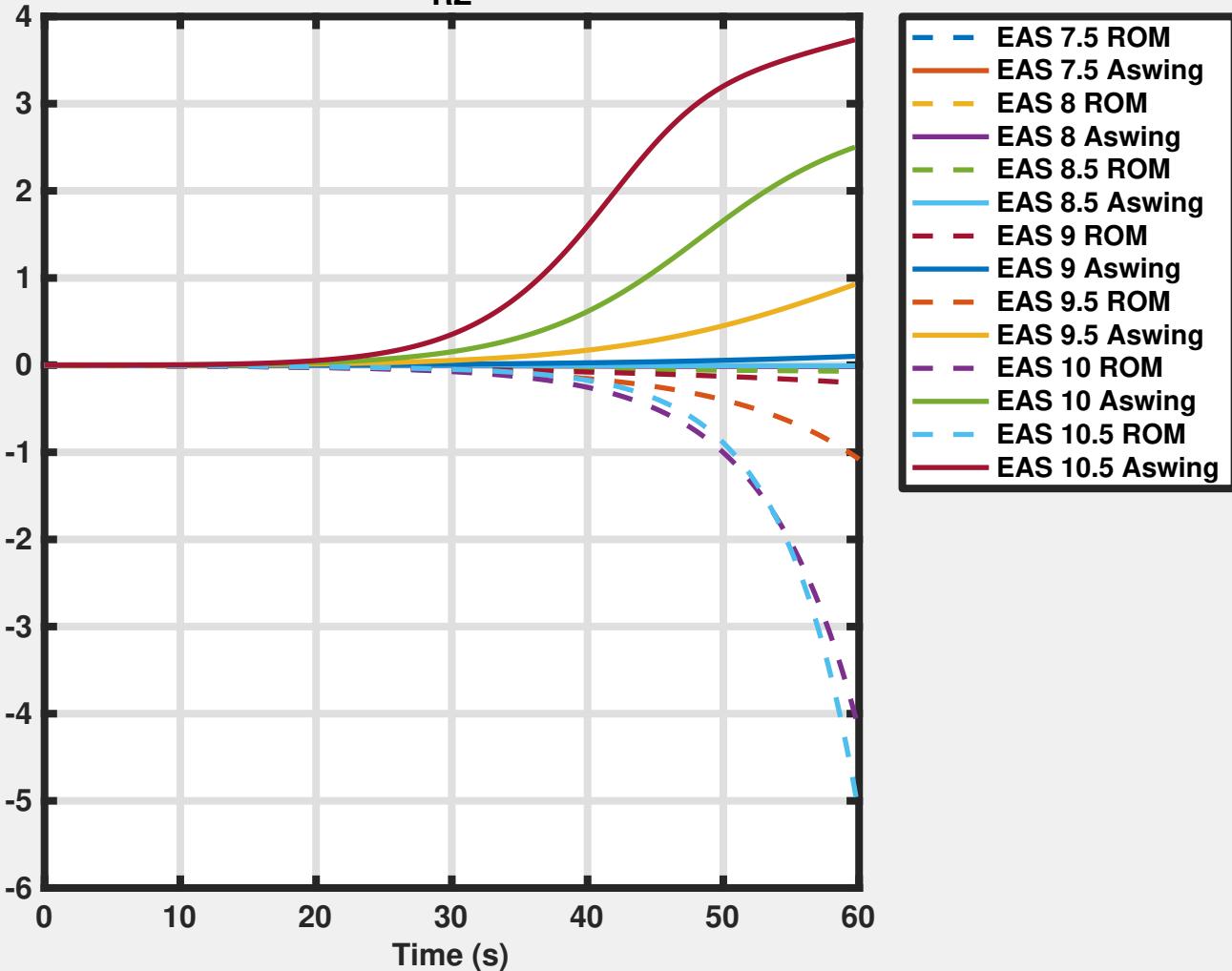
**Motor - 0.1 to
Theta**



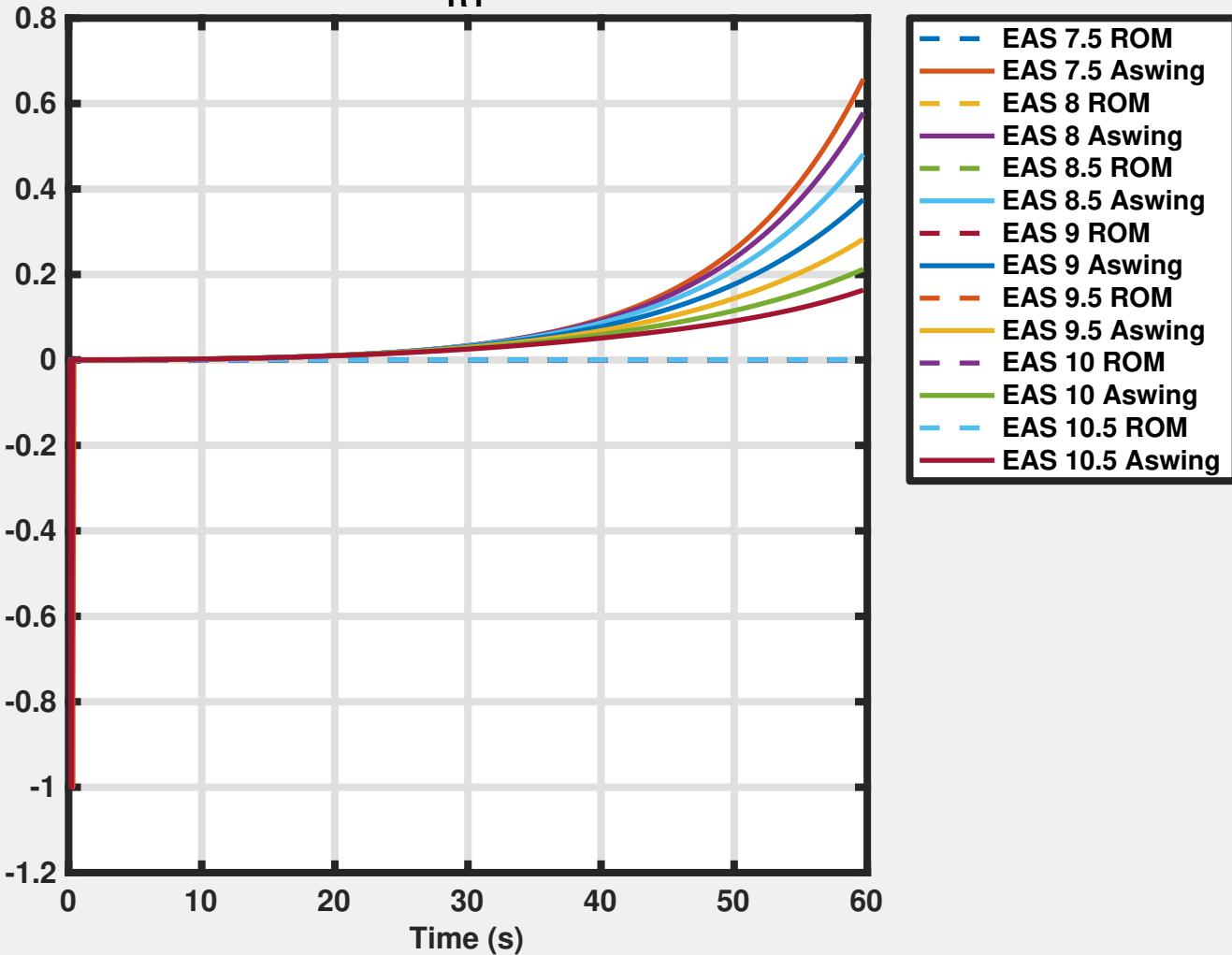
**Motor - 0.1 to
Phi**



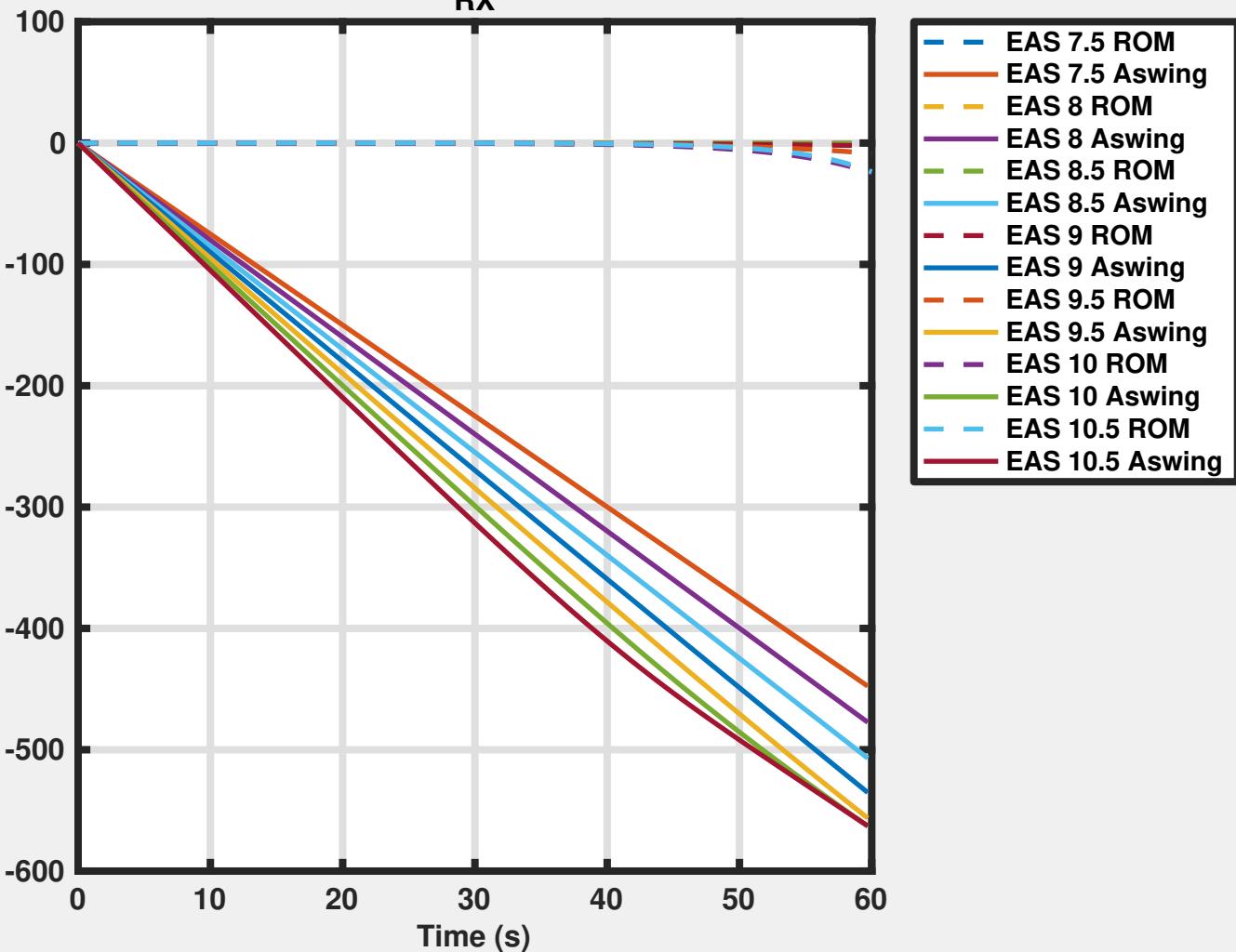
Motor - 0.1 to RZ



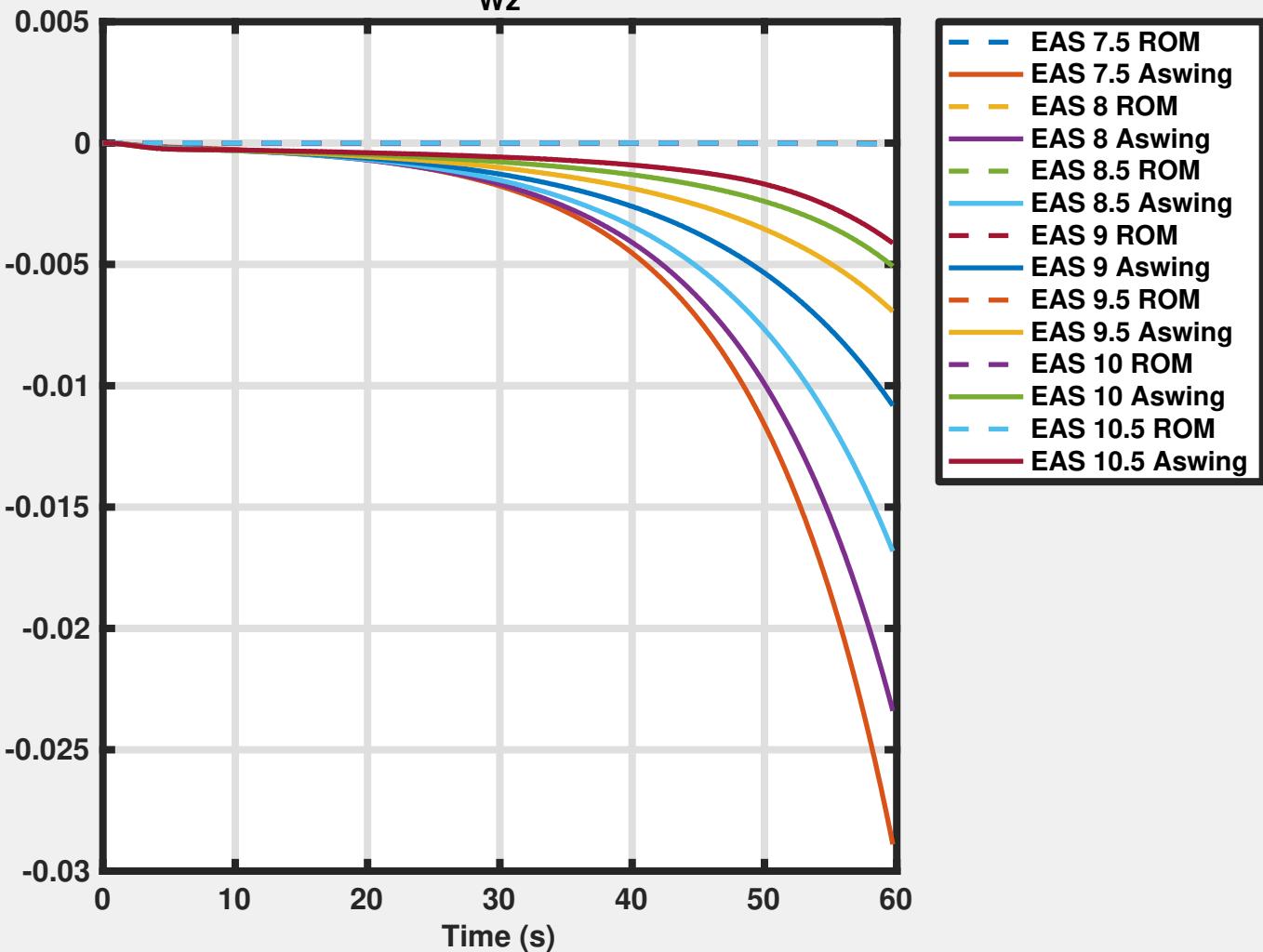
Motor - 0.1 to RY



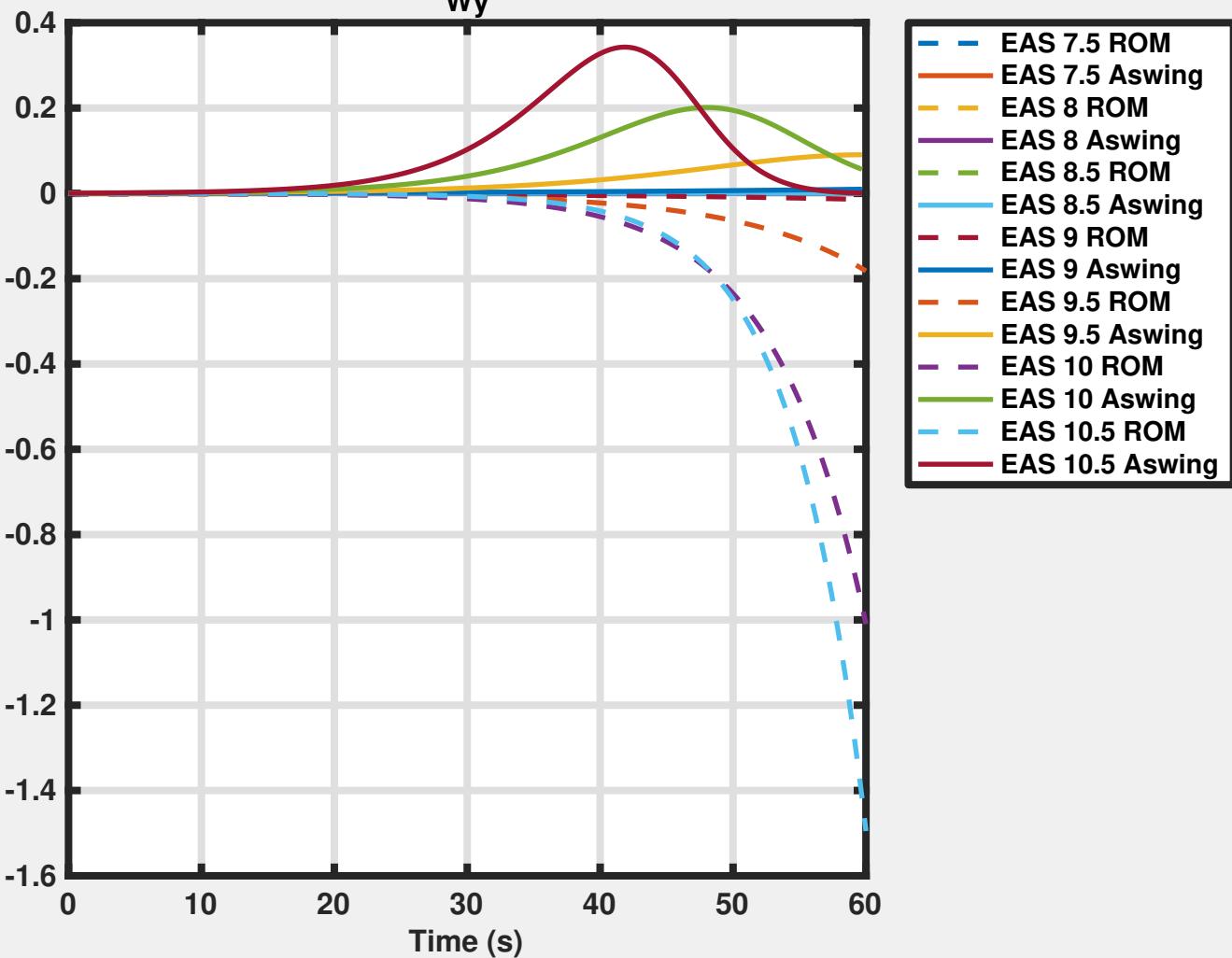
Motor - 0.1 to RX



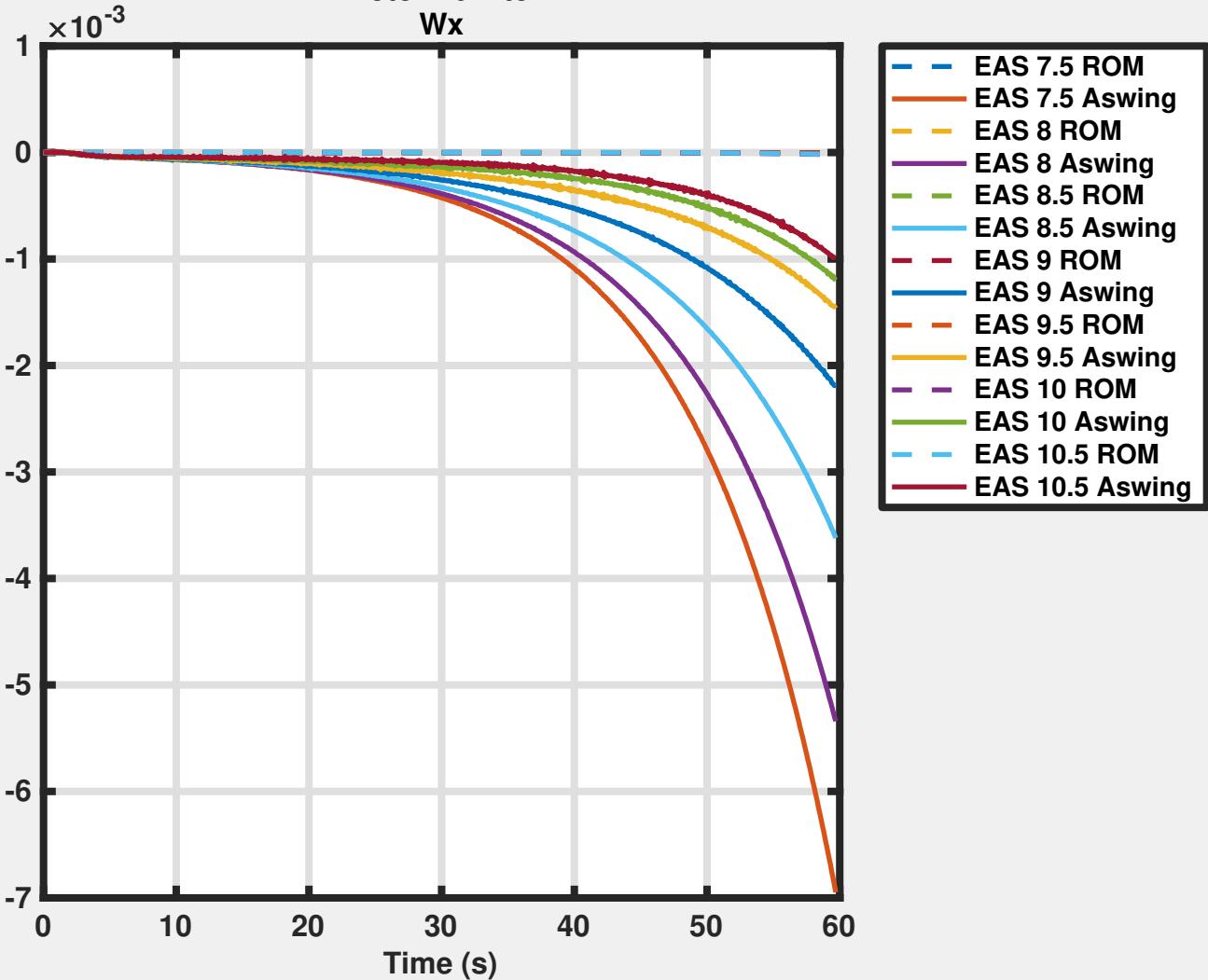
**Motor - 0.1 to
Wz**



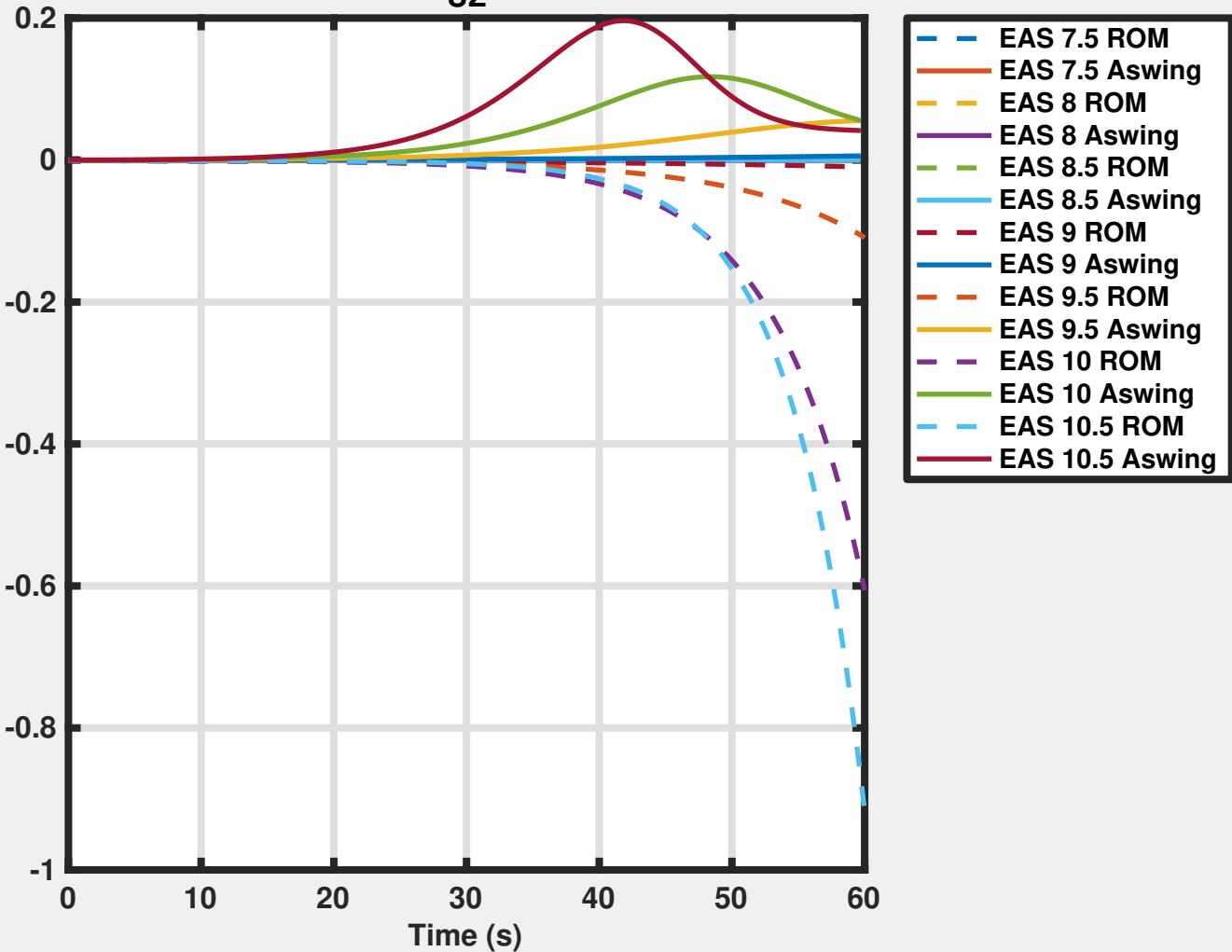
Motor - 0.1 to Wy



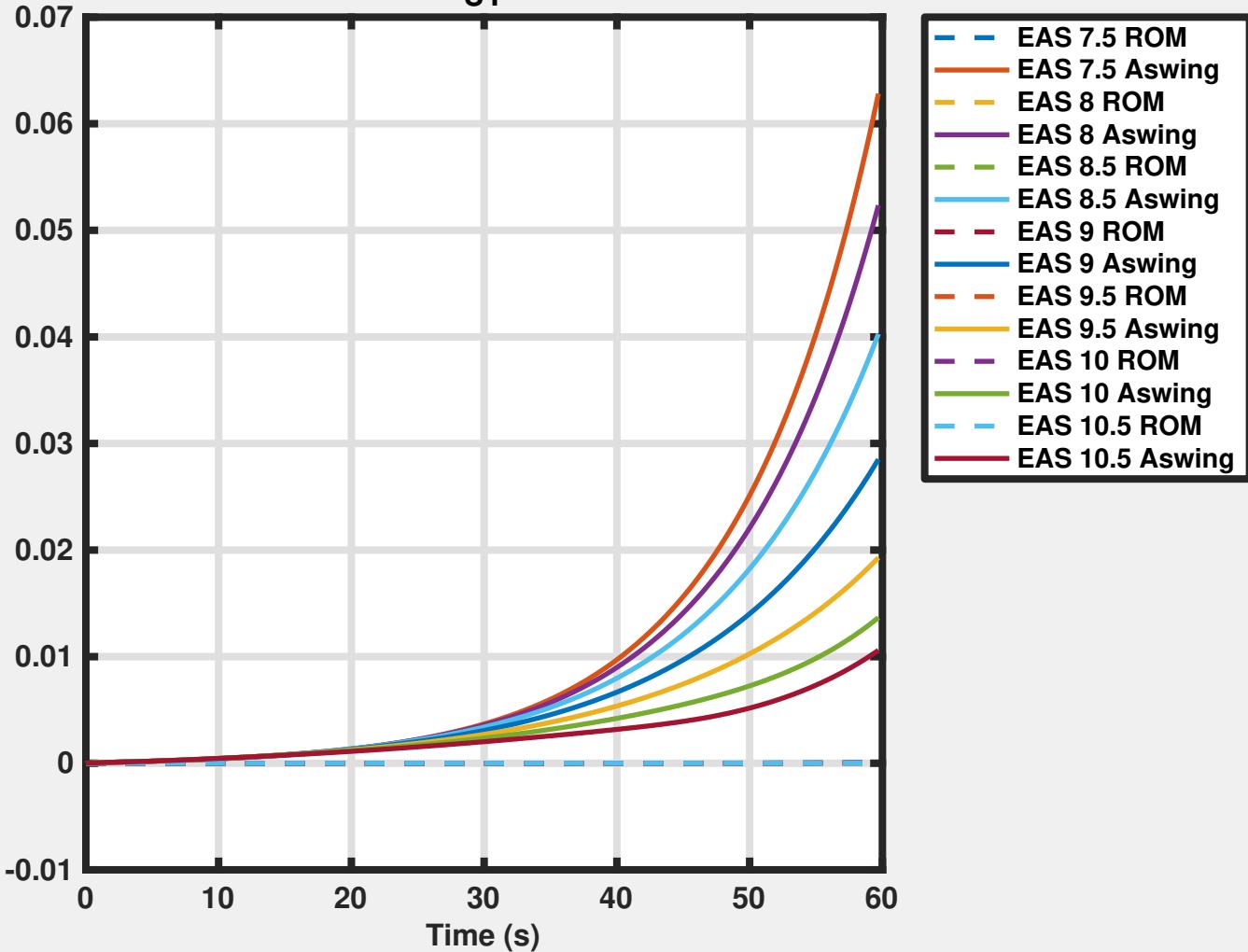
**Motor - 0.1 to
Wx**



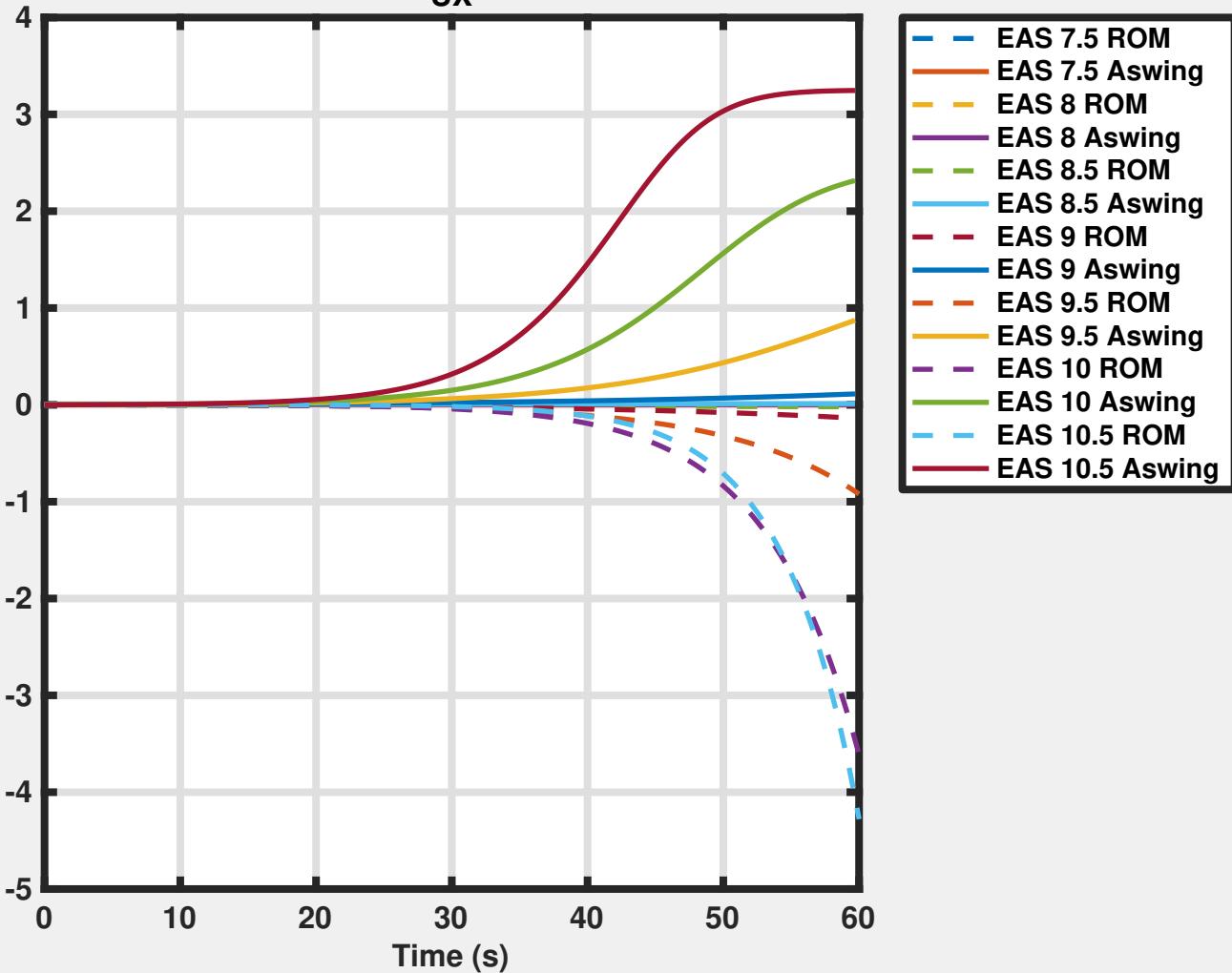
Motor - 0.1 to UZ



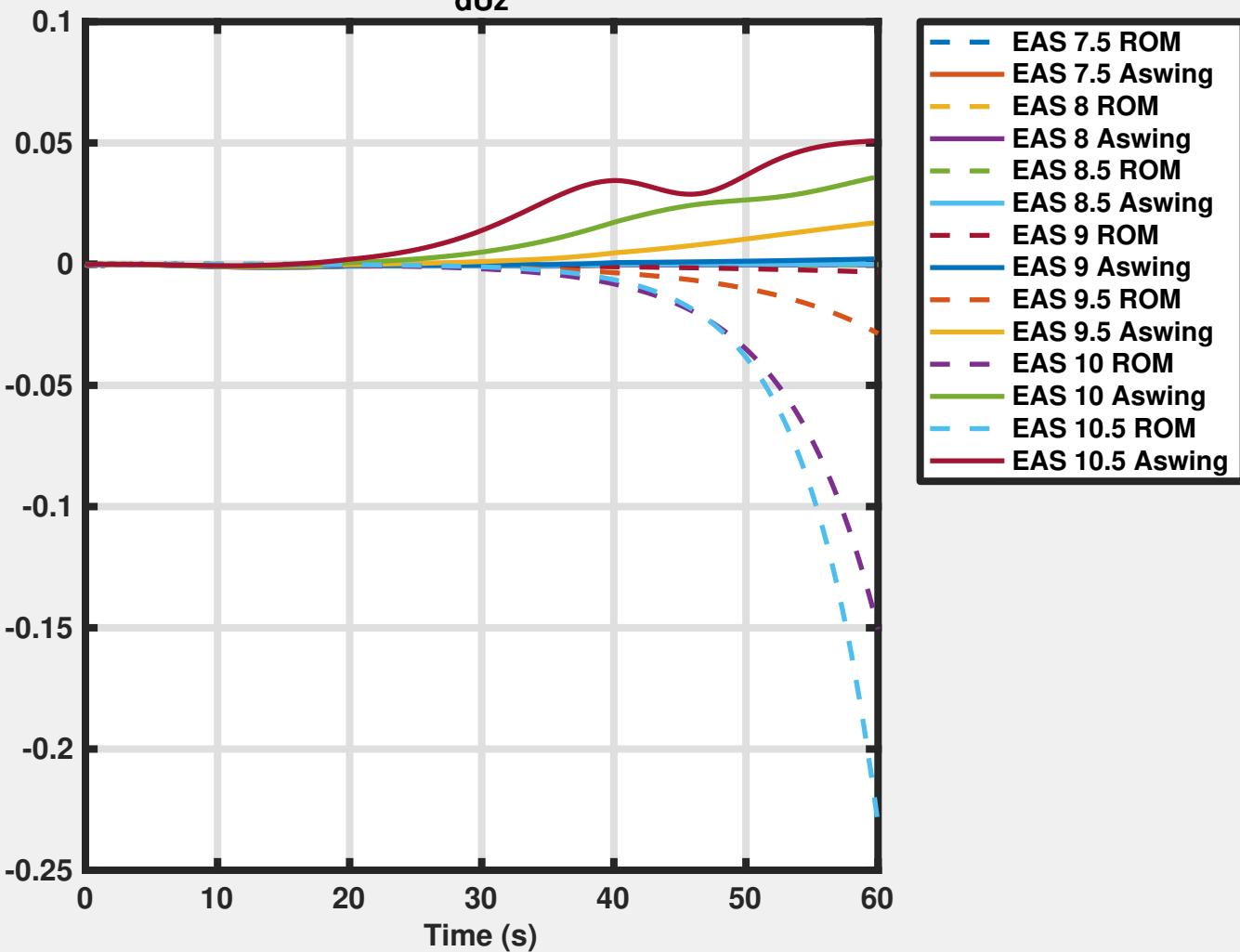
**Motor - 0.1 to
UY**



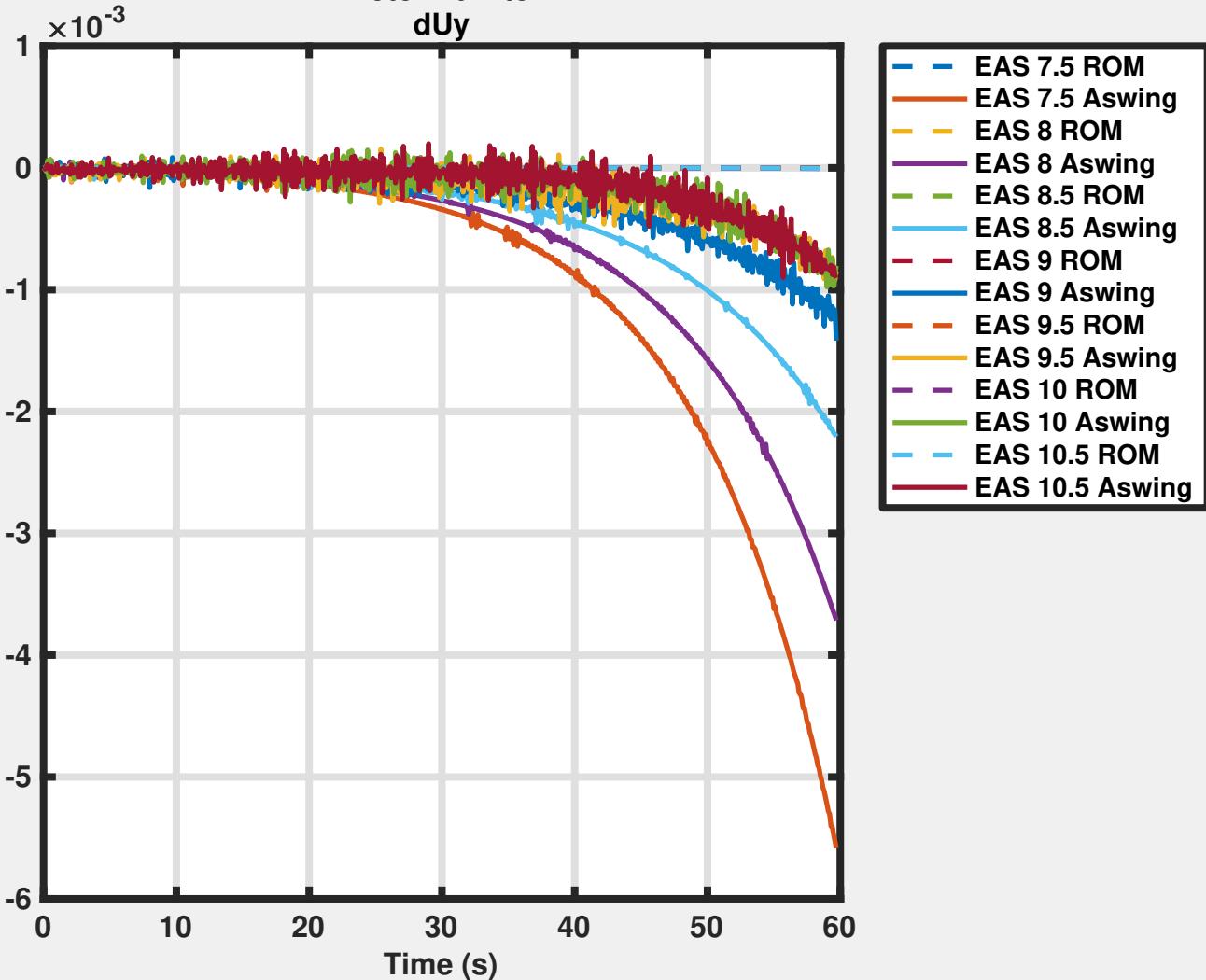
Motor - 0.1 to UX



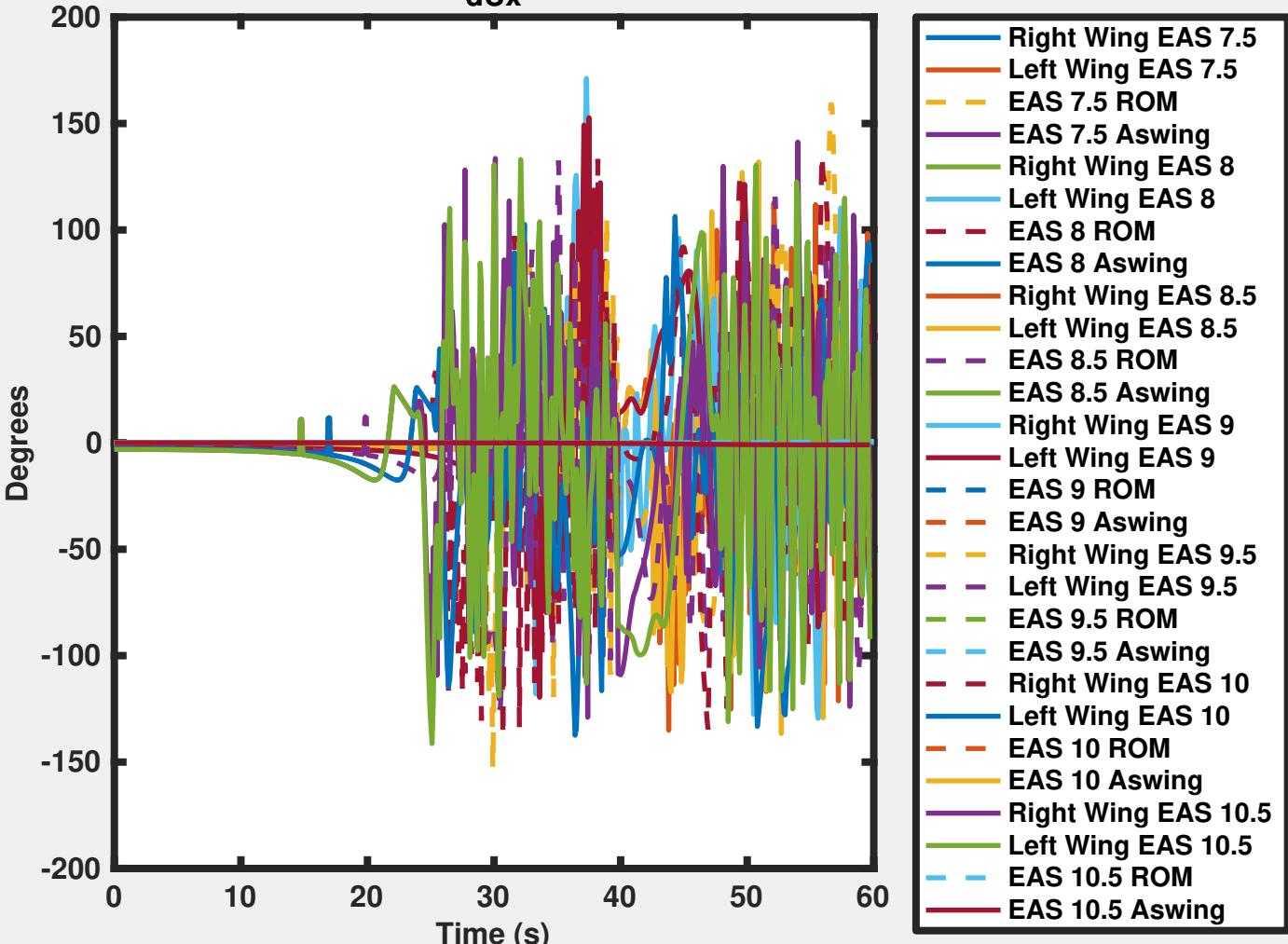
**Motor - 0.1 to
dUz**



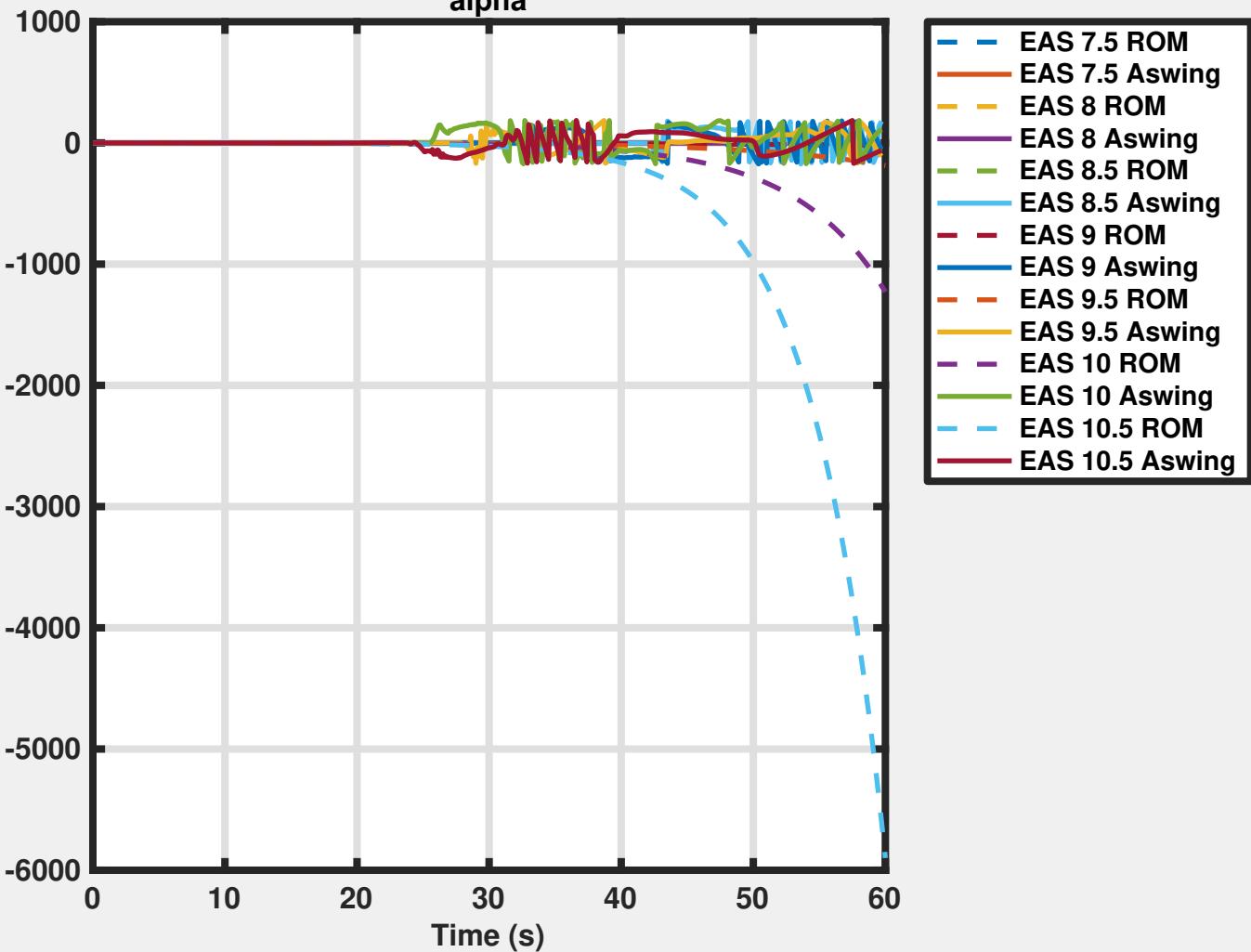
**Motor - 0.1 to
dUy**



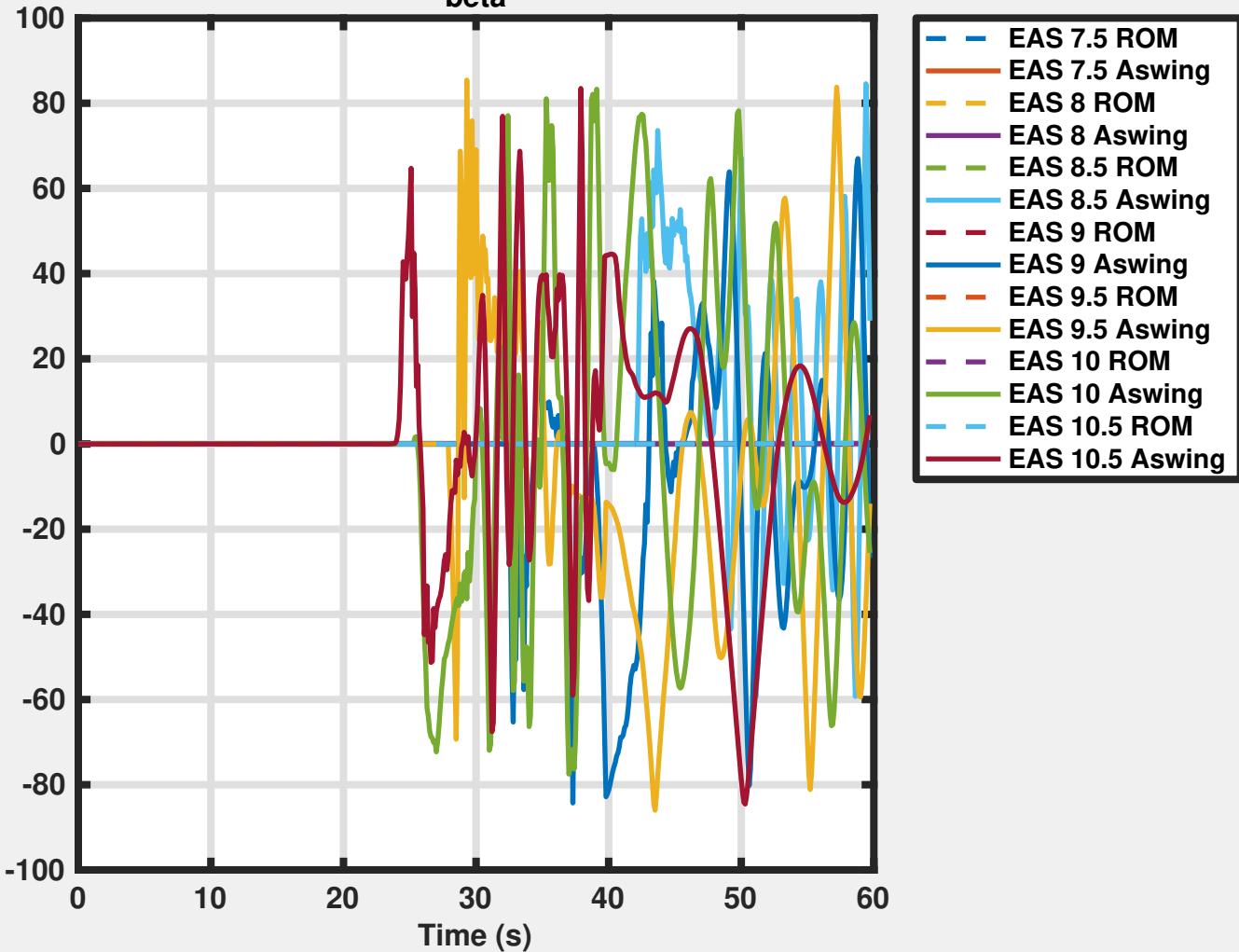
**Motor - 0.1 to
dUx**



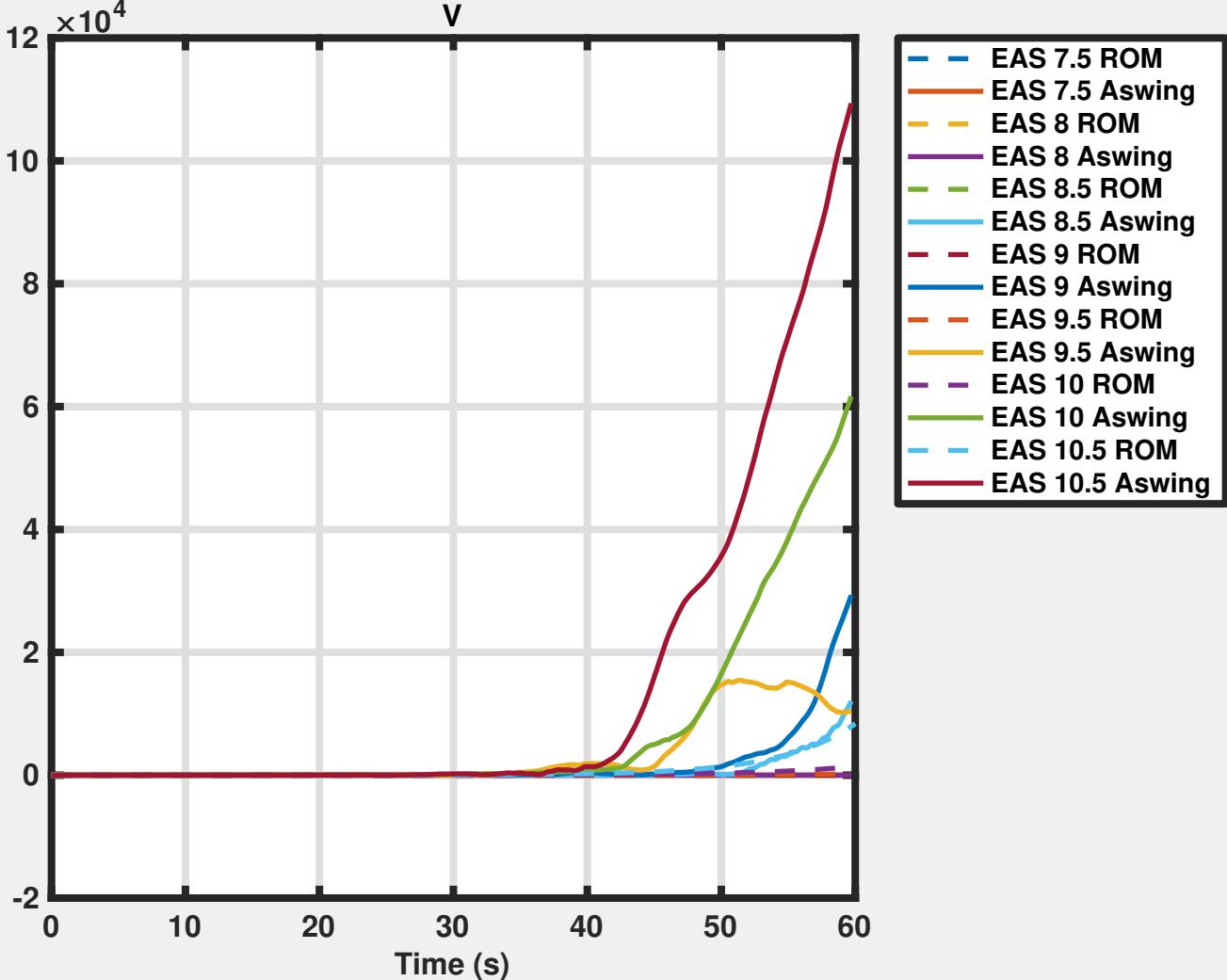
Elevator + 0.1 to
alpha



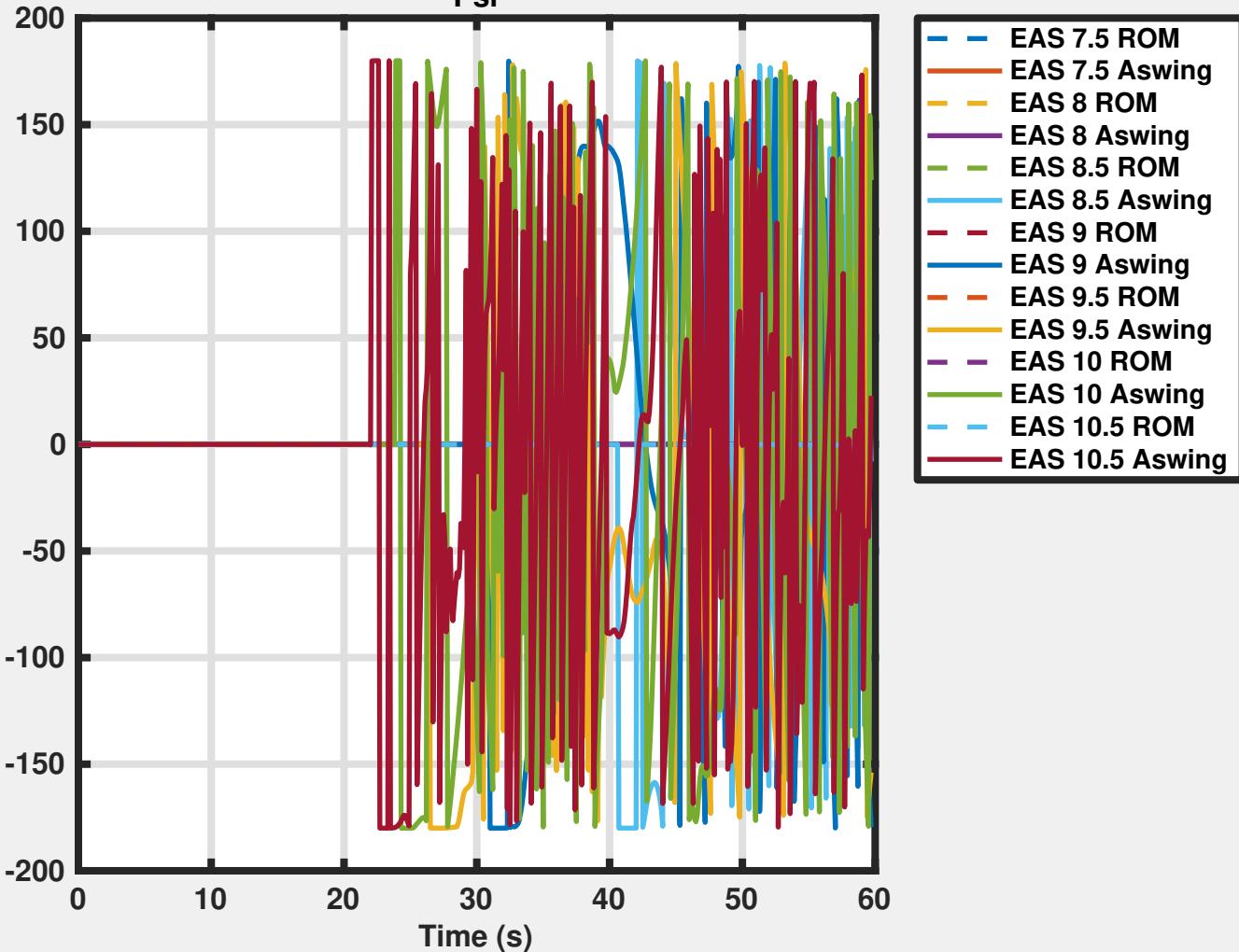
Elevator + 0.1 to beta



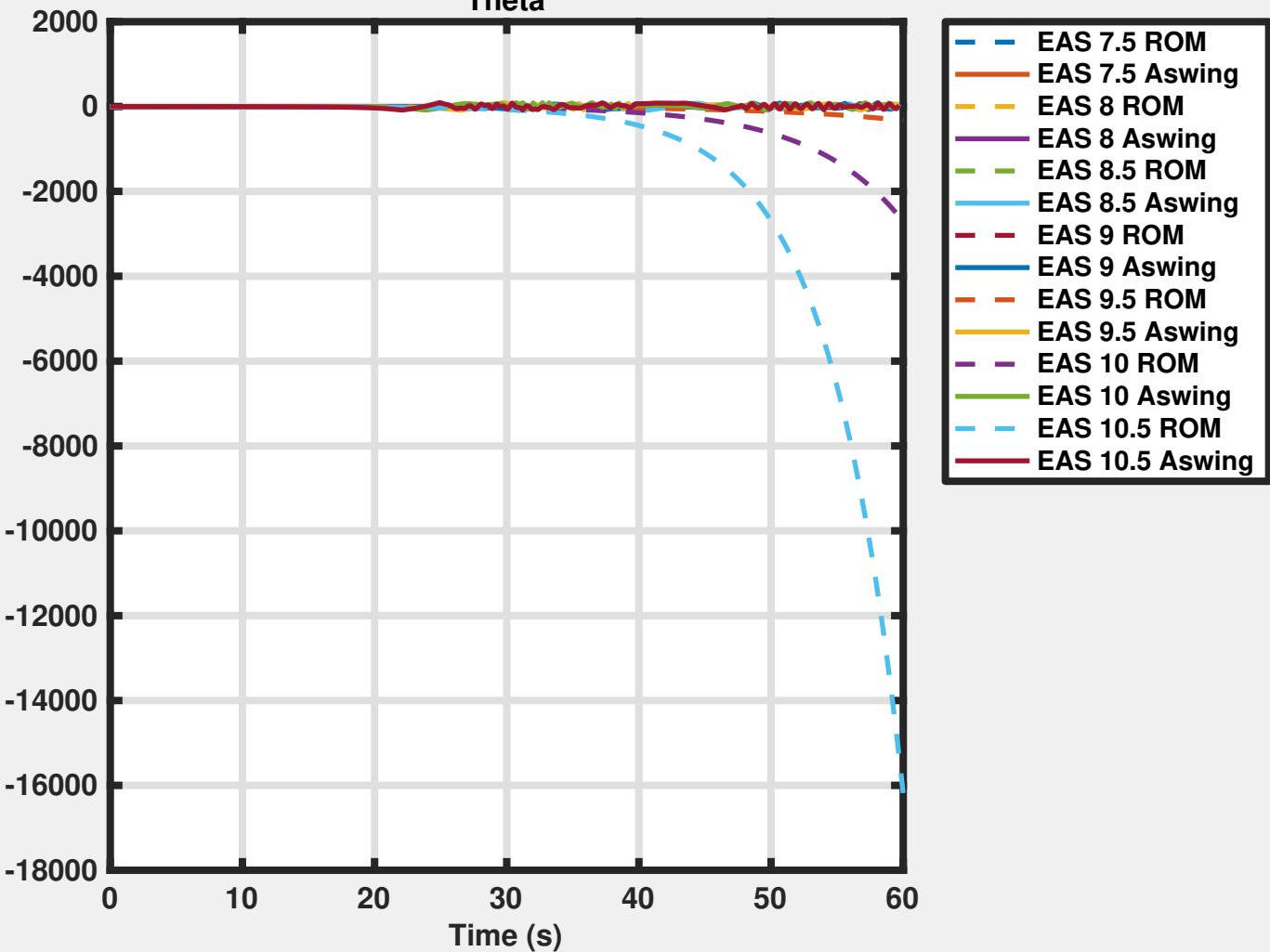
Elevator + 0.1 to V



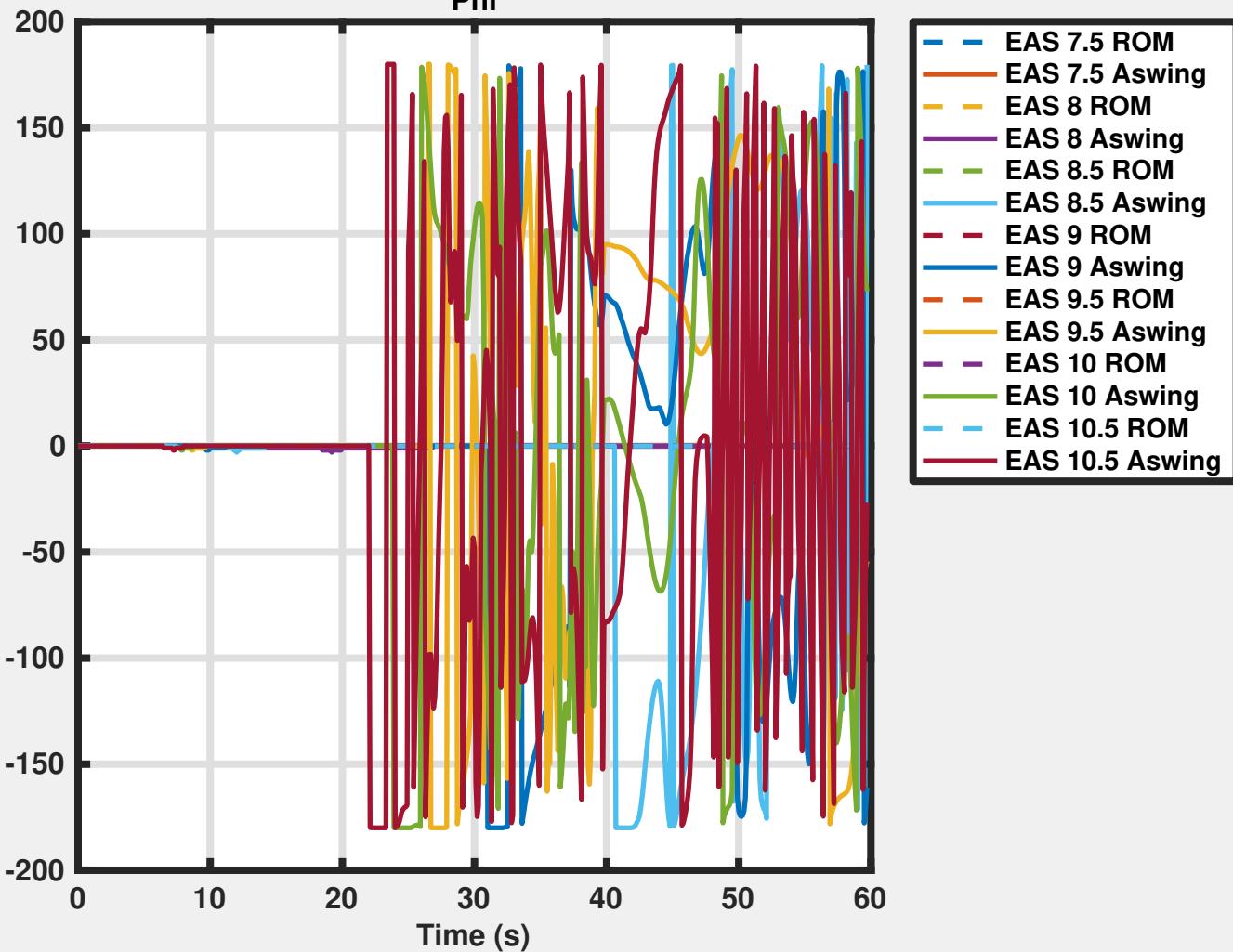
Elevator + 0.1 to Psi



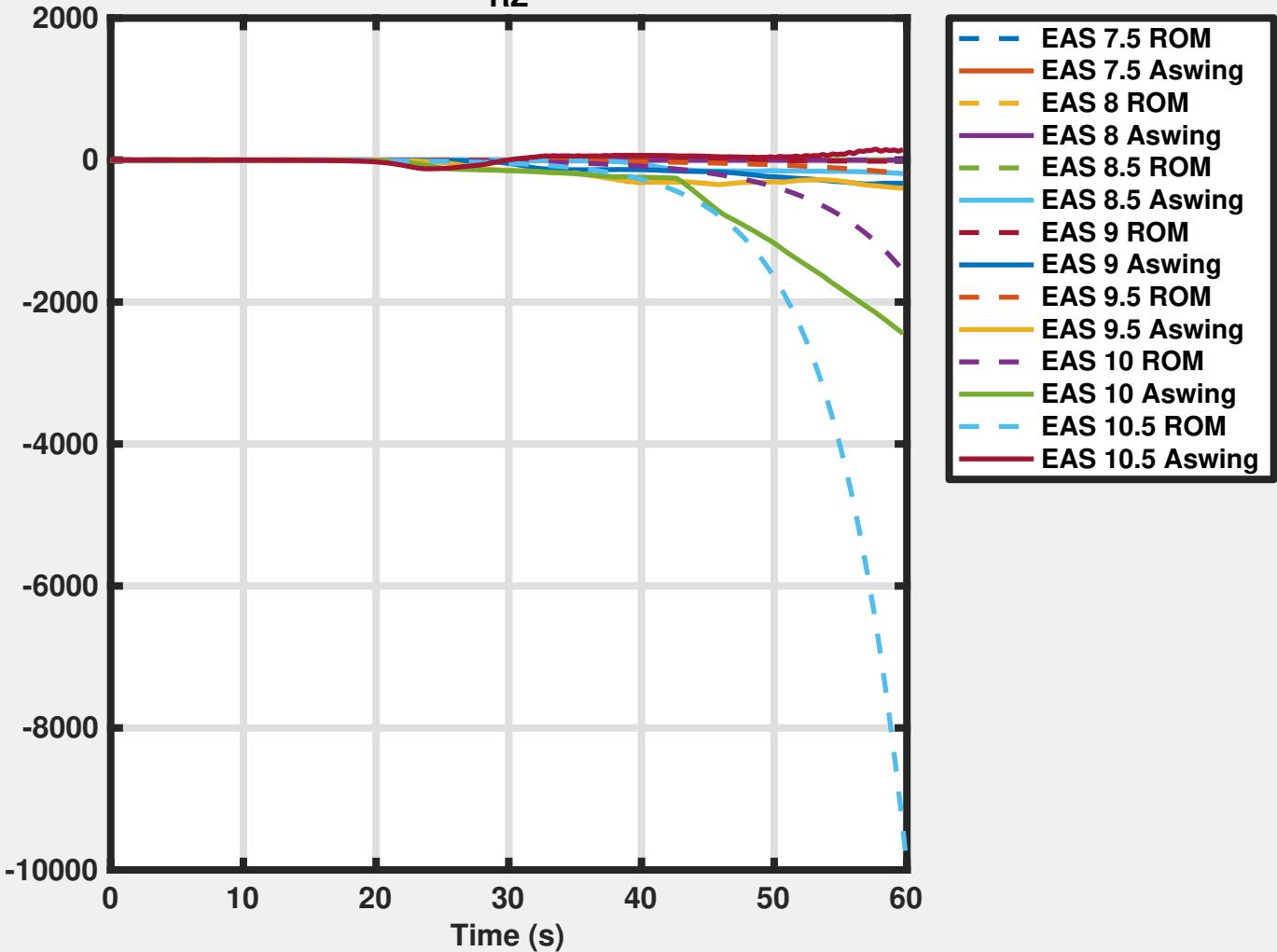
Elevator + 0.1 to
Theta



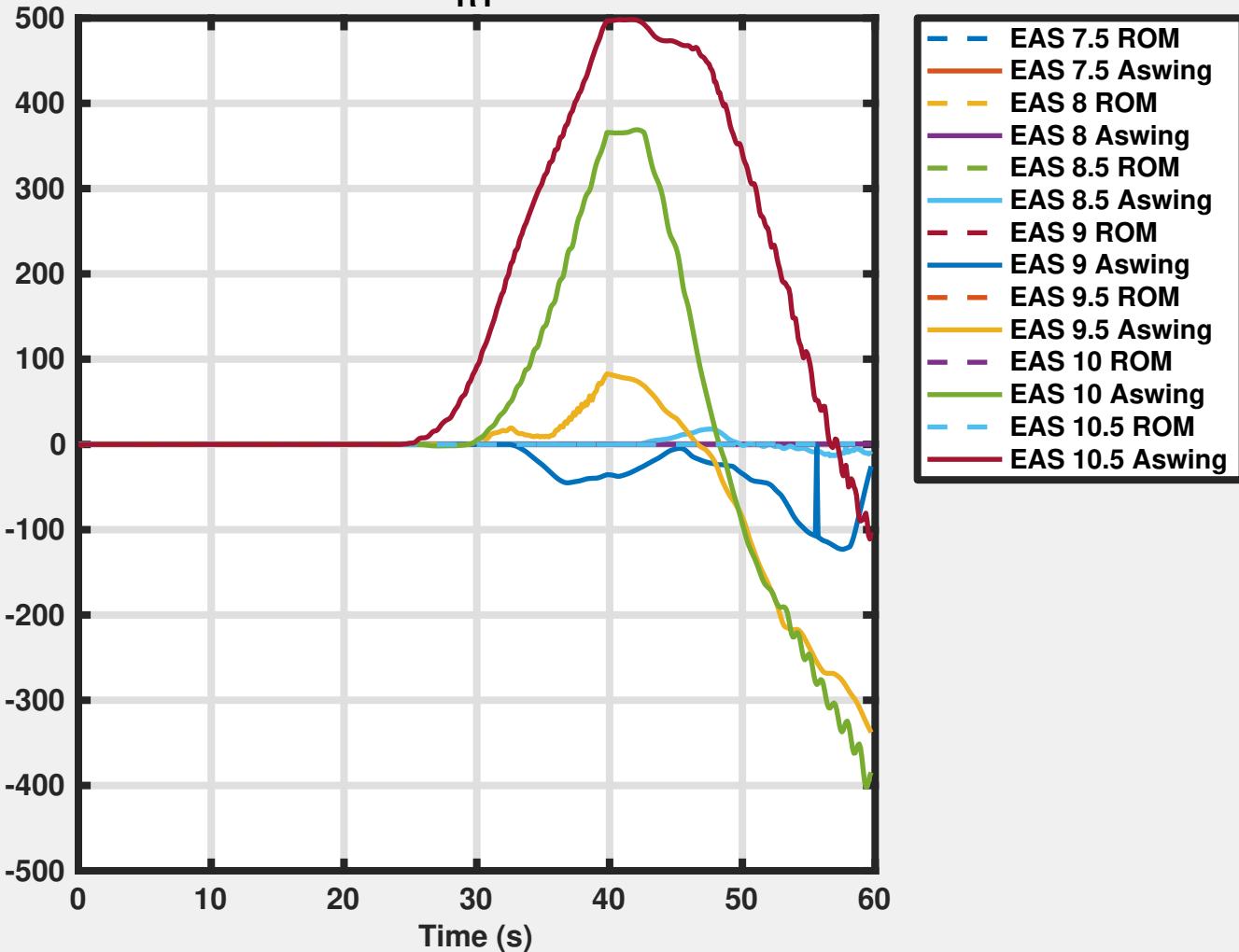
Elevator + 0.1 to
Phi



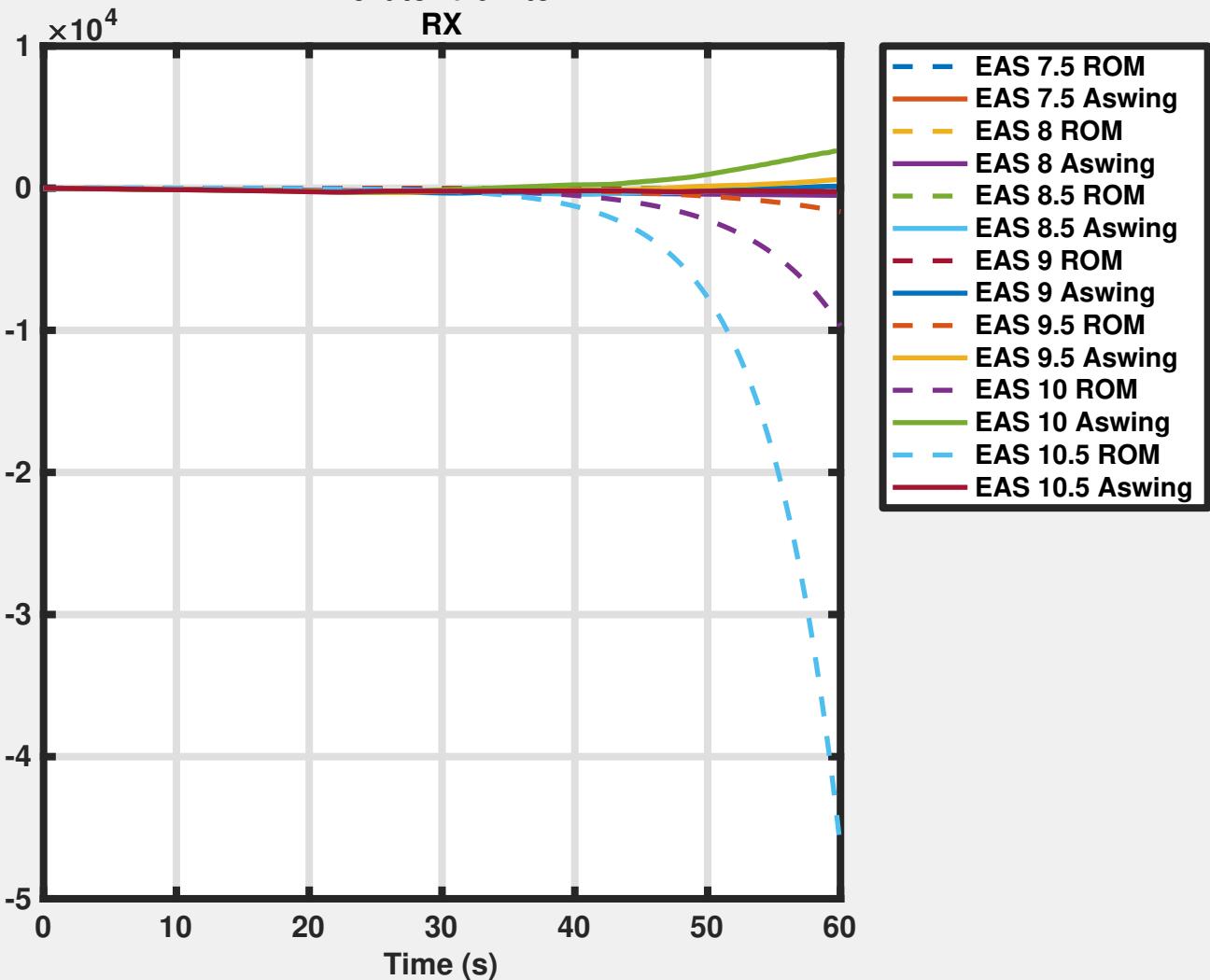
Elevator + 0.1 to RZ



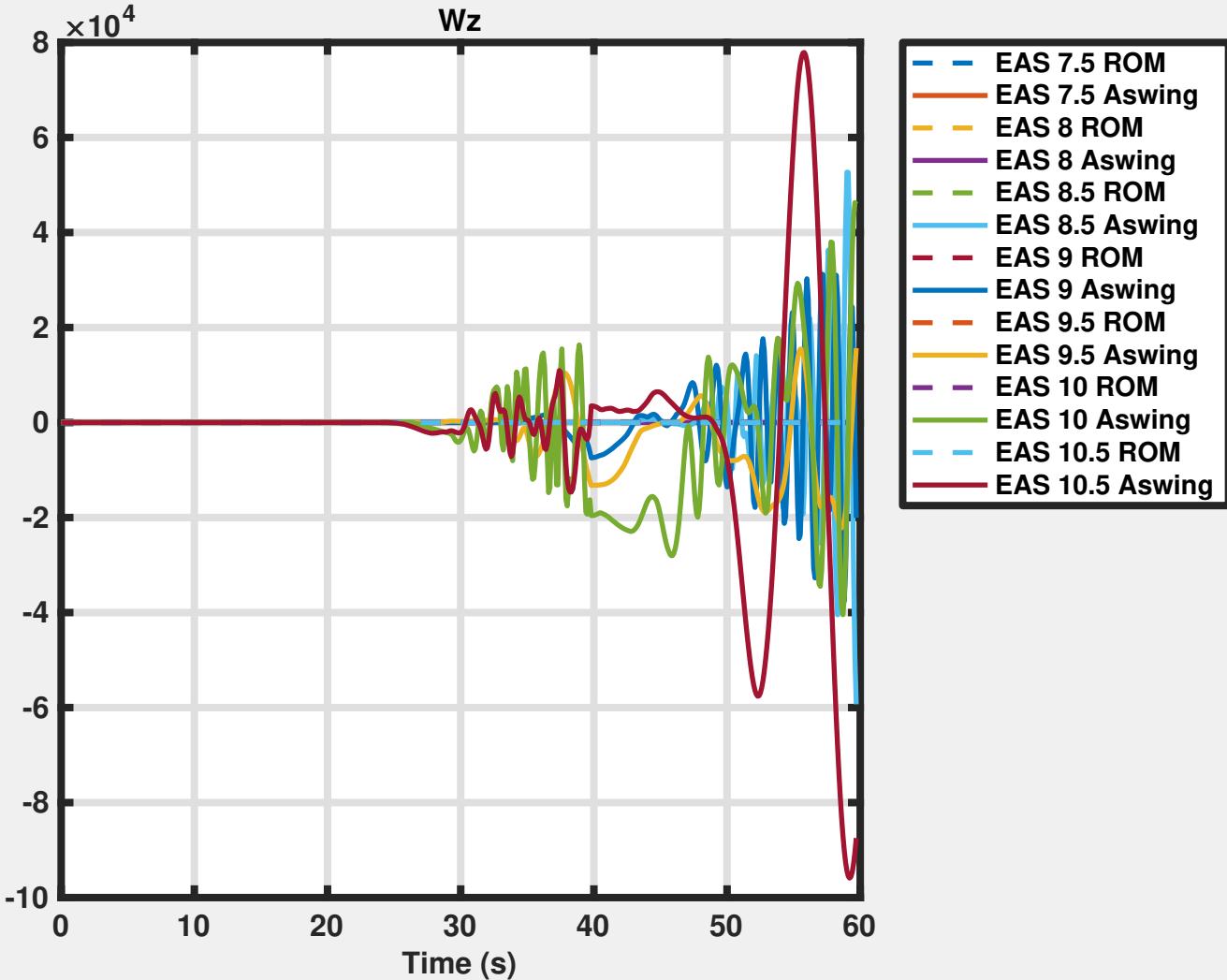
Elevator + 0.1 to
RY



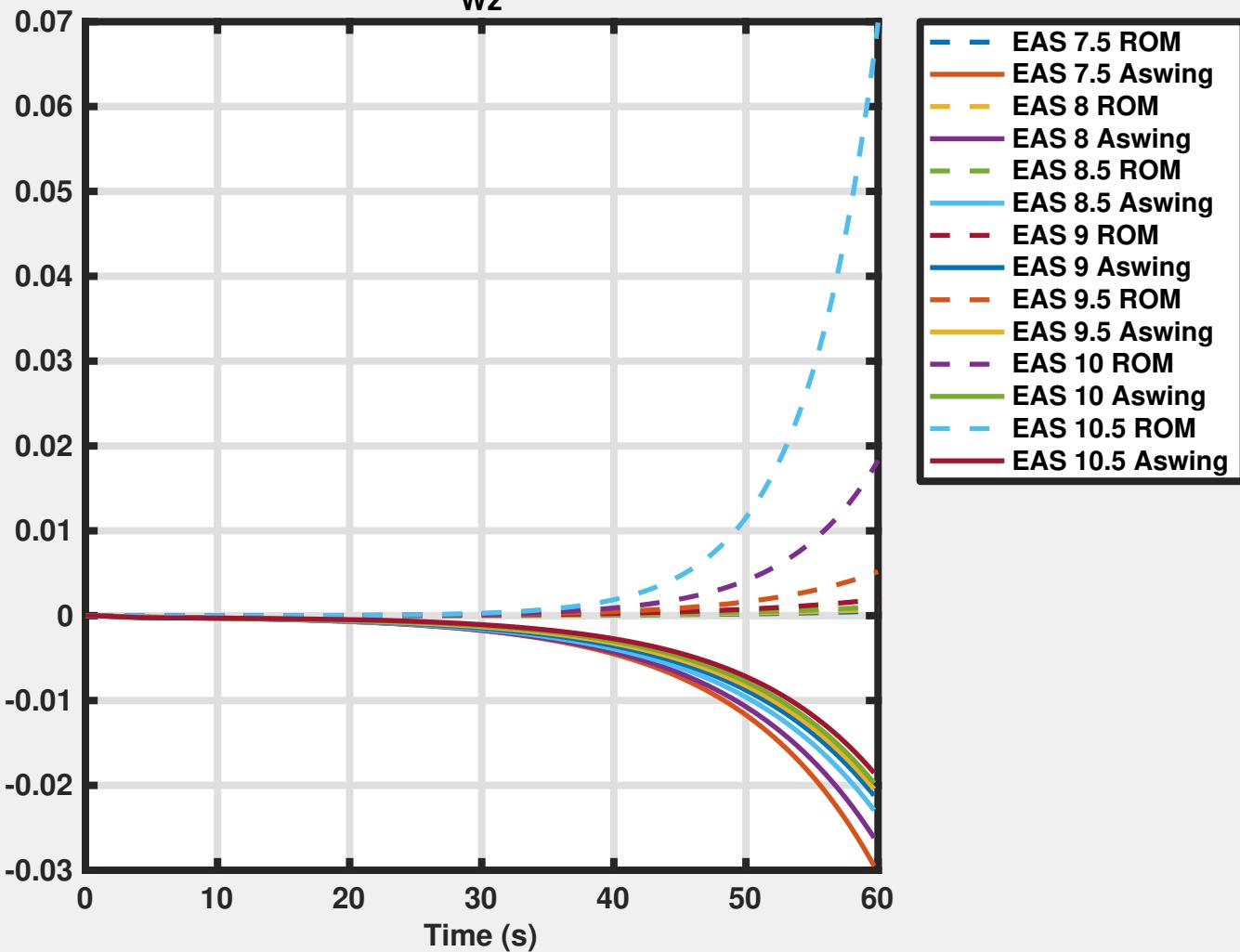
Elevator + 0.1 to RX



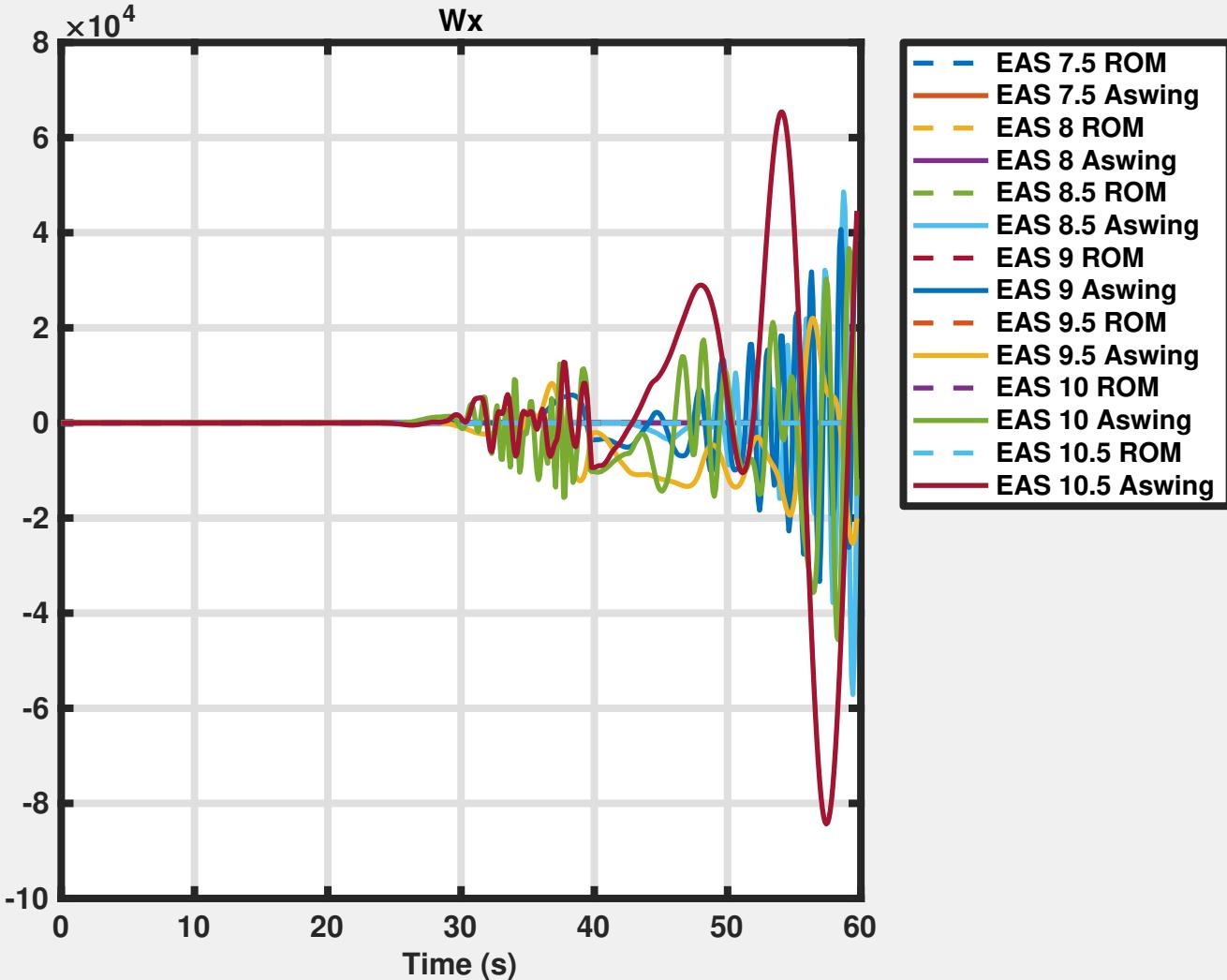
Elevator + 0.1 to
Wz



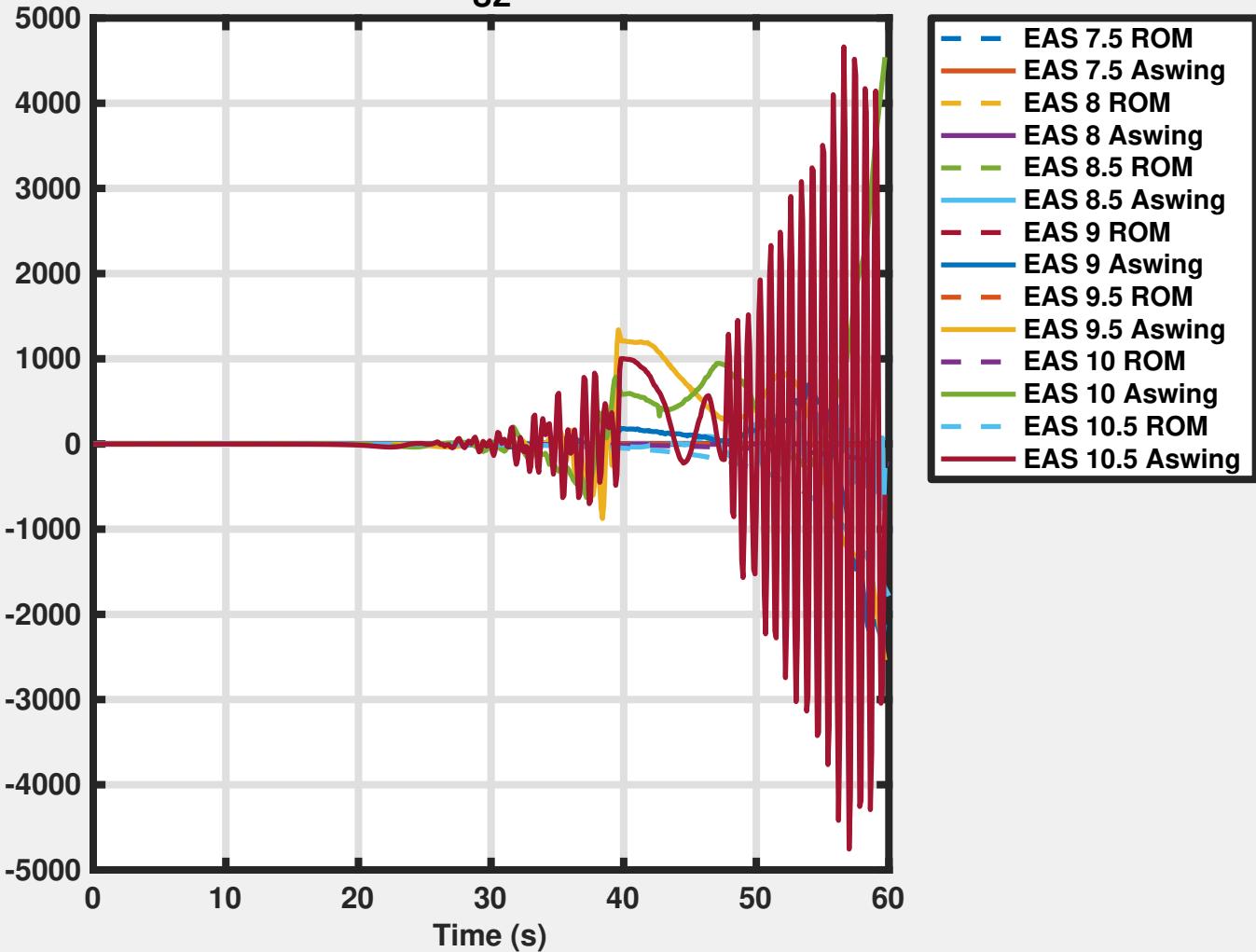
Elevator - 0.1 to
Wz



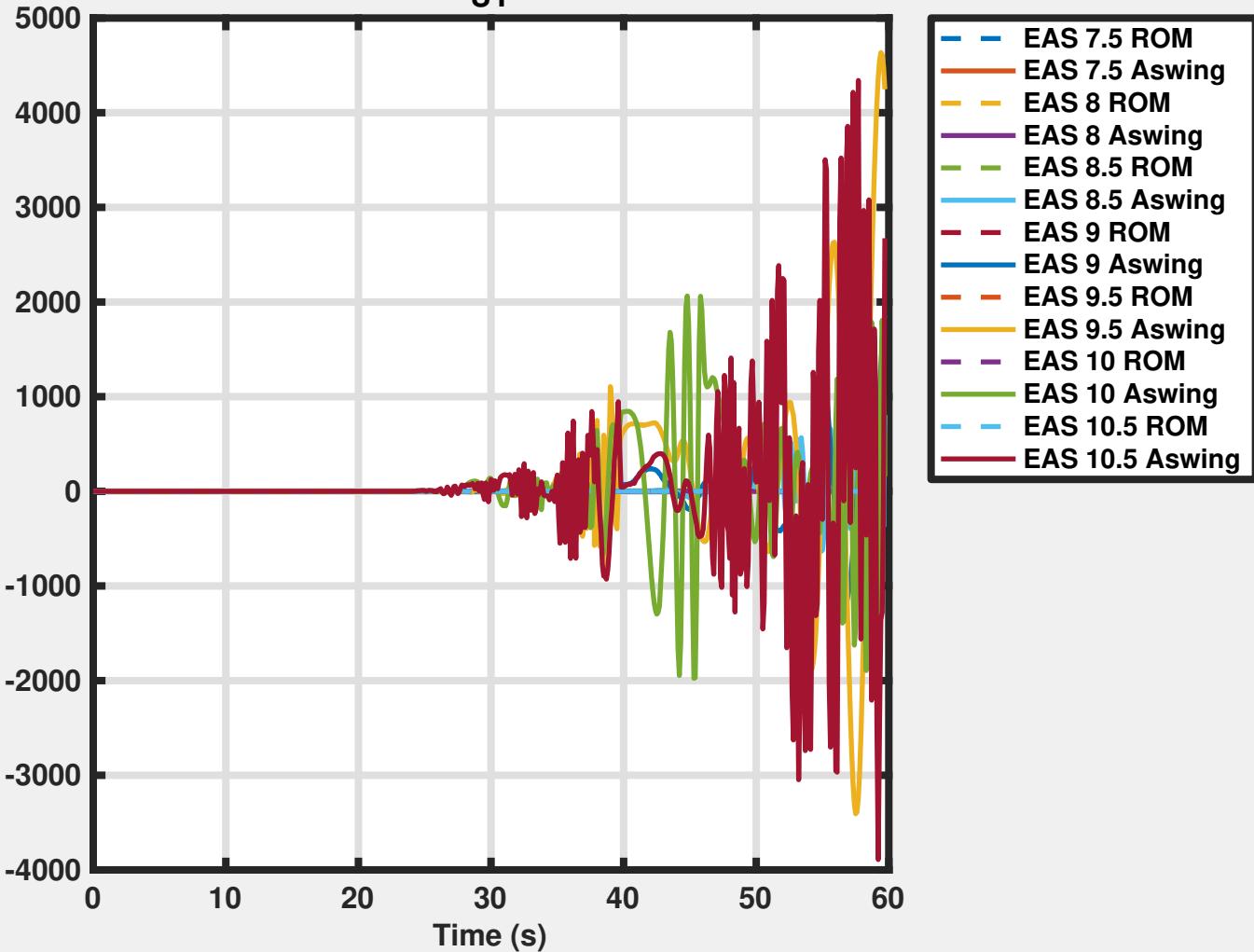
Elevator + 0.1 to
Wx



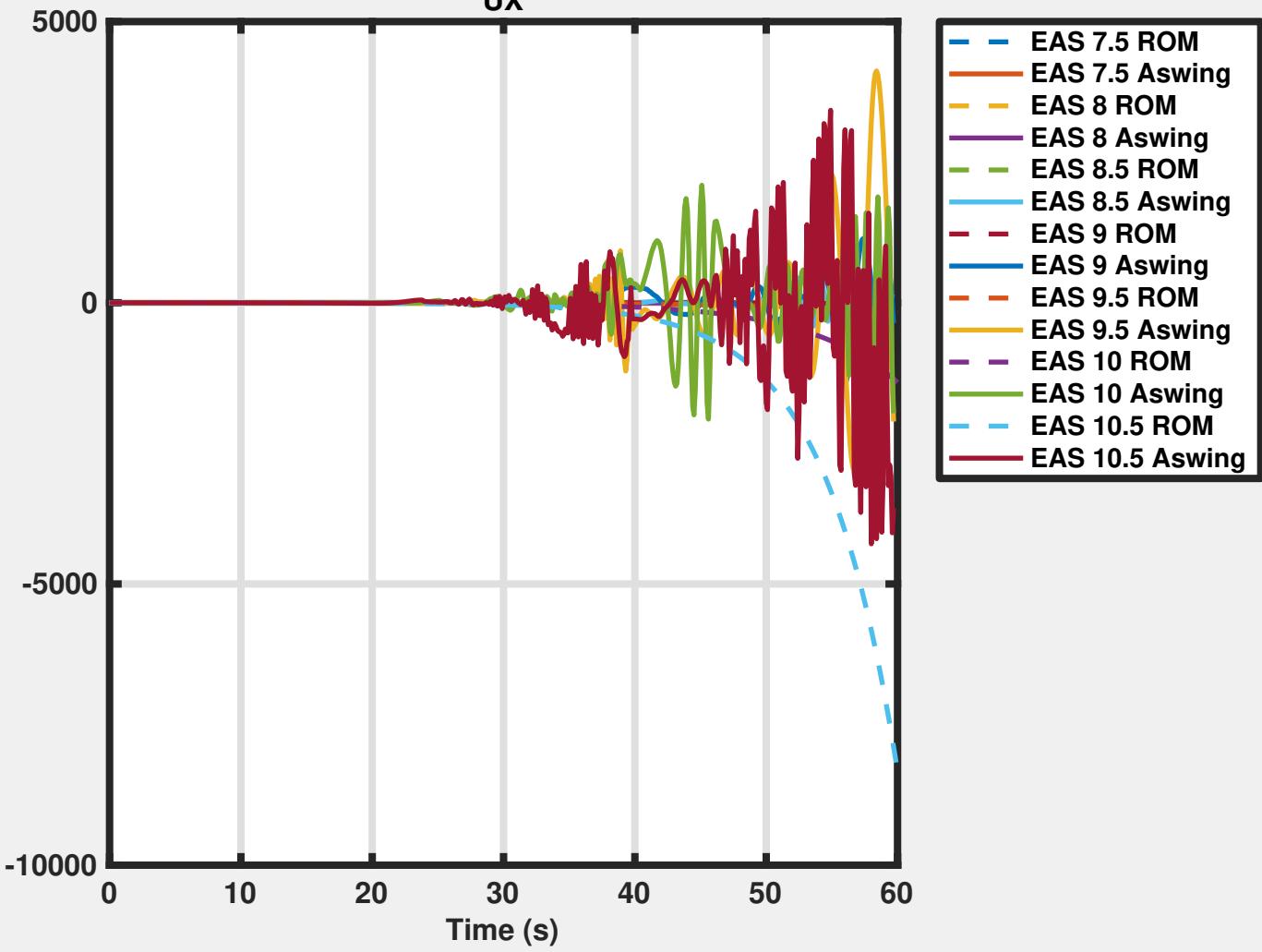
Elevator + 0.1 to UZ



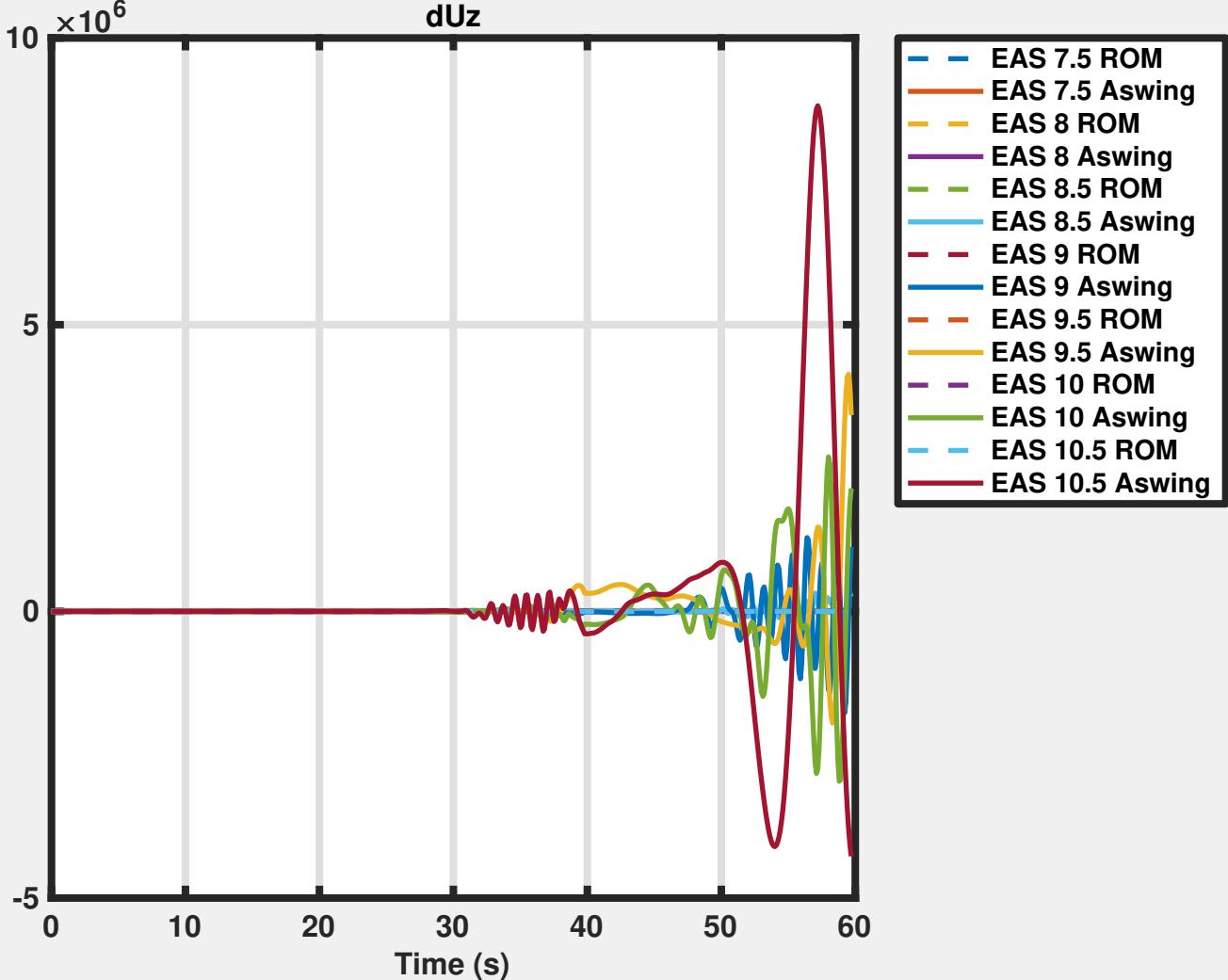
Elevator + 0.1 to UY



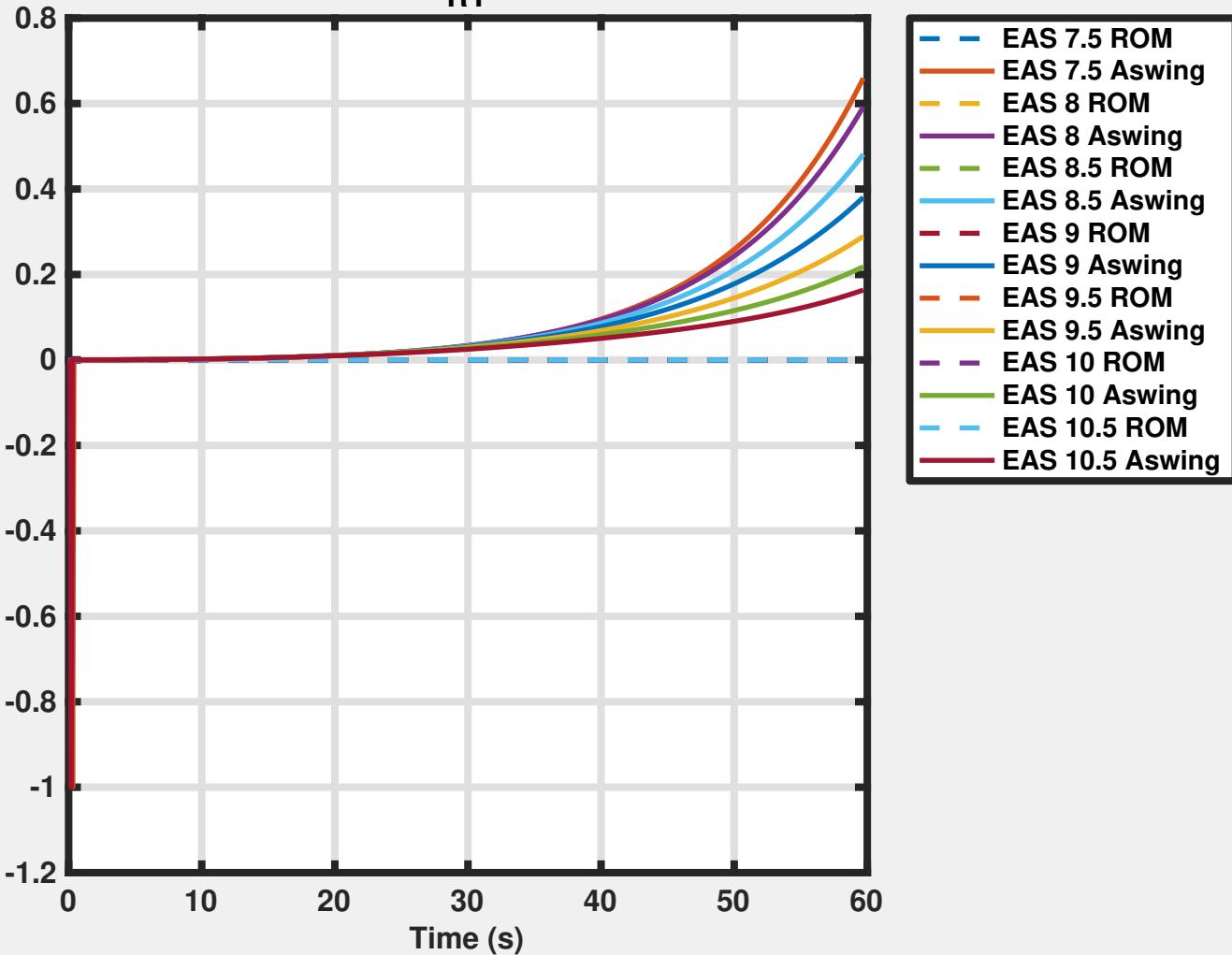
Elevator + 0.1 to UX



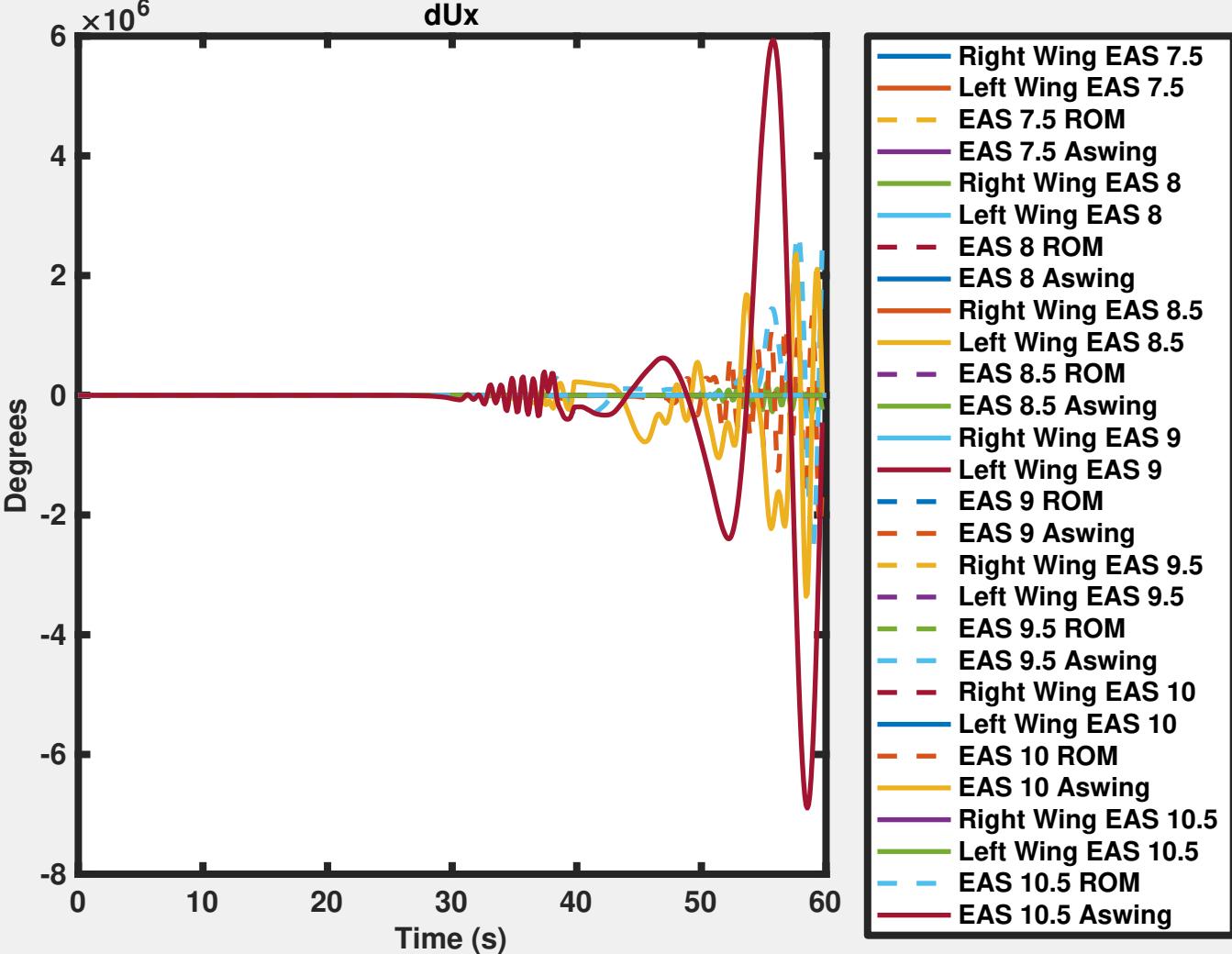
Elevator + 0.1 to dUz



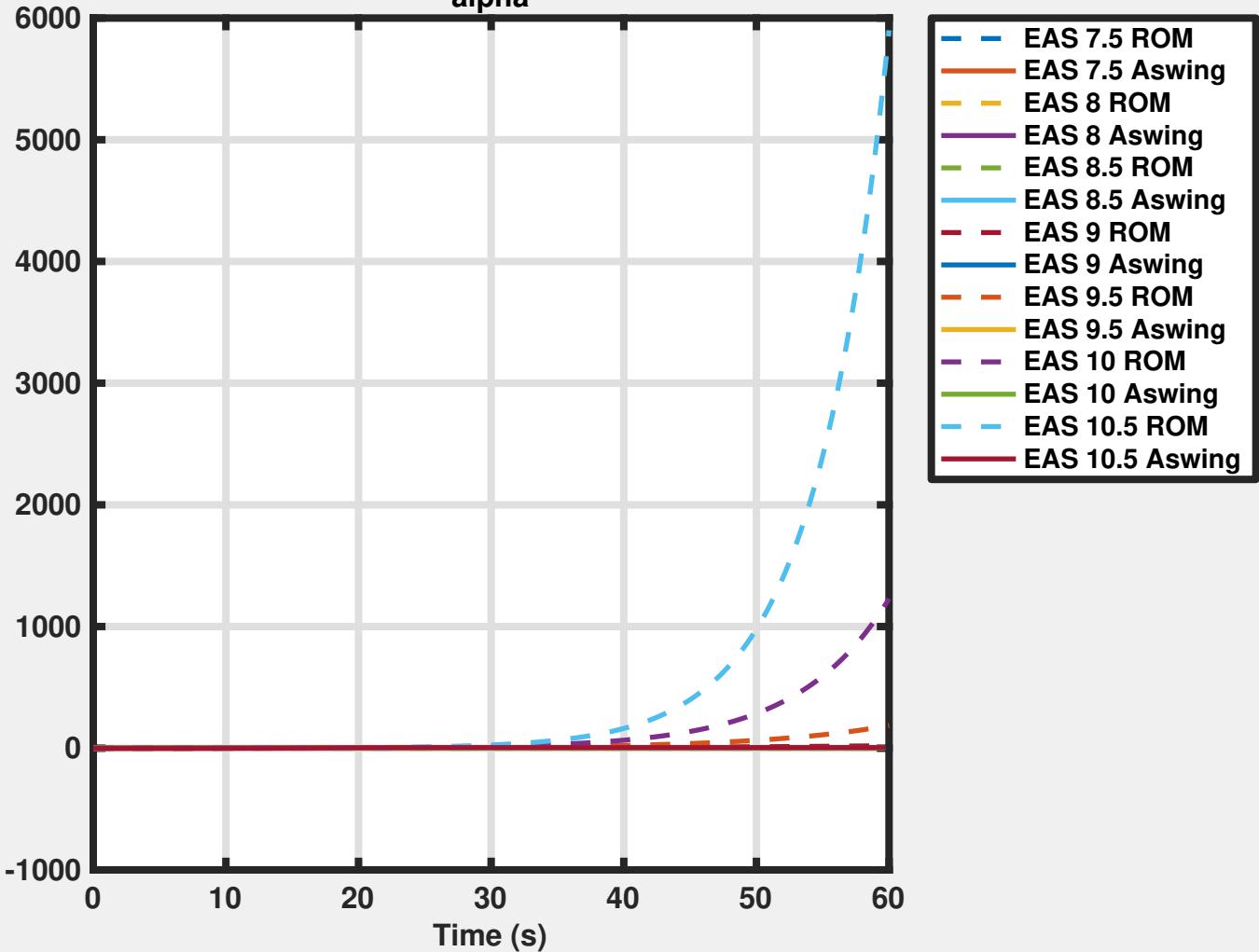
Motor + 0.1 to
RY



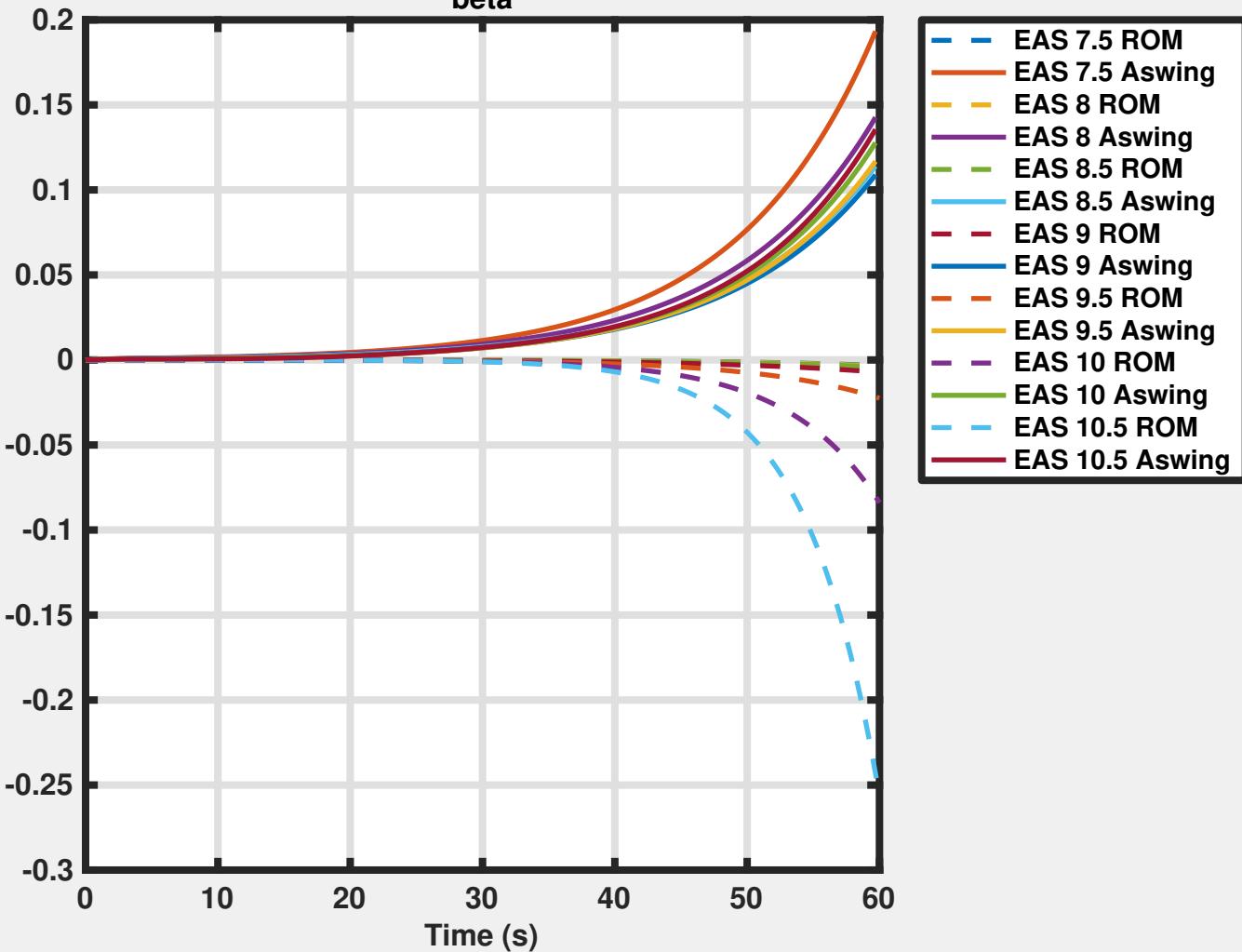
Elevator + 0.1 to dUx



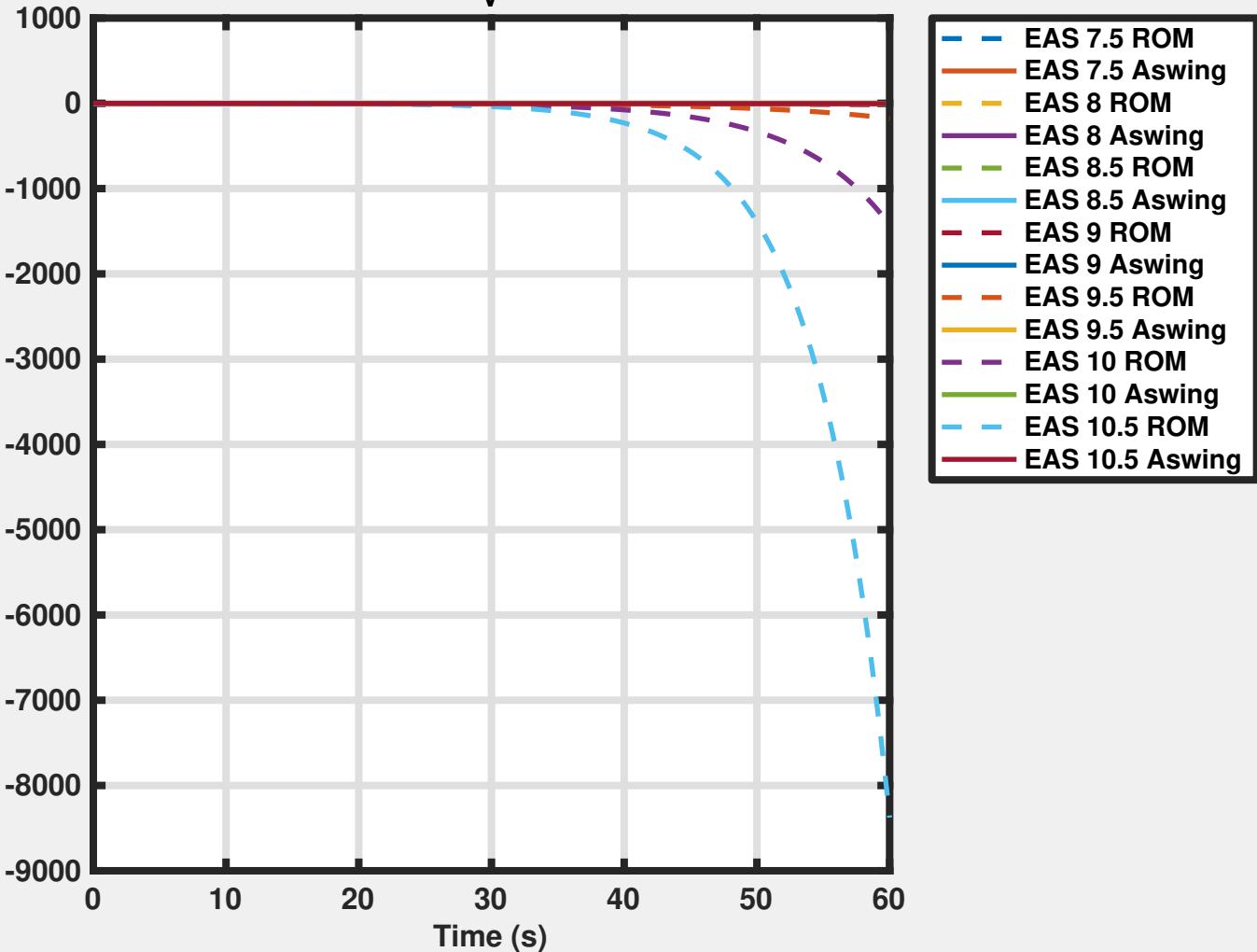
Elevator - 0.1 to alpha



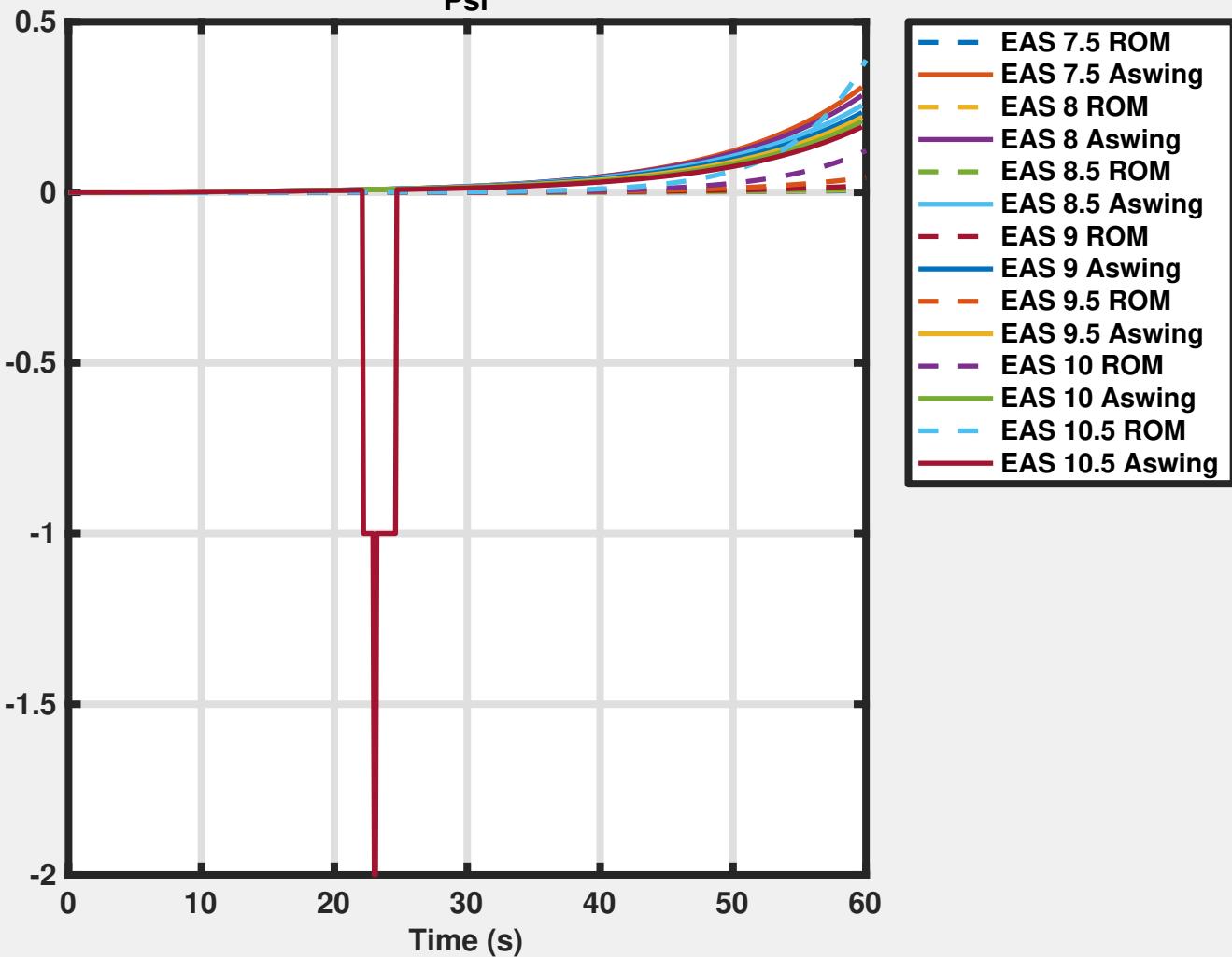
Elevator - 0.1 to beta



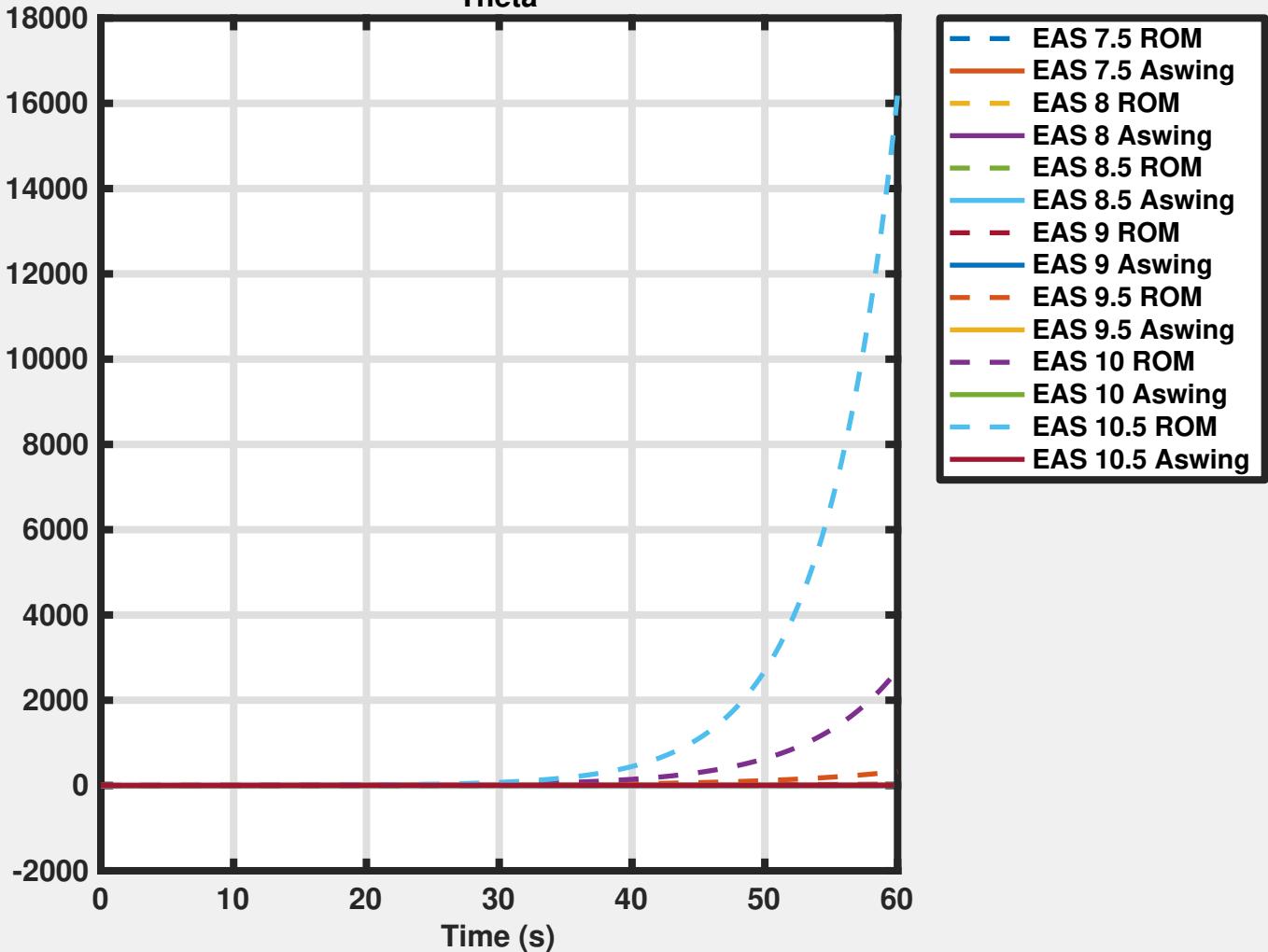
Elevator - 0.1 to V



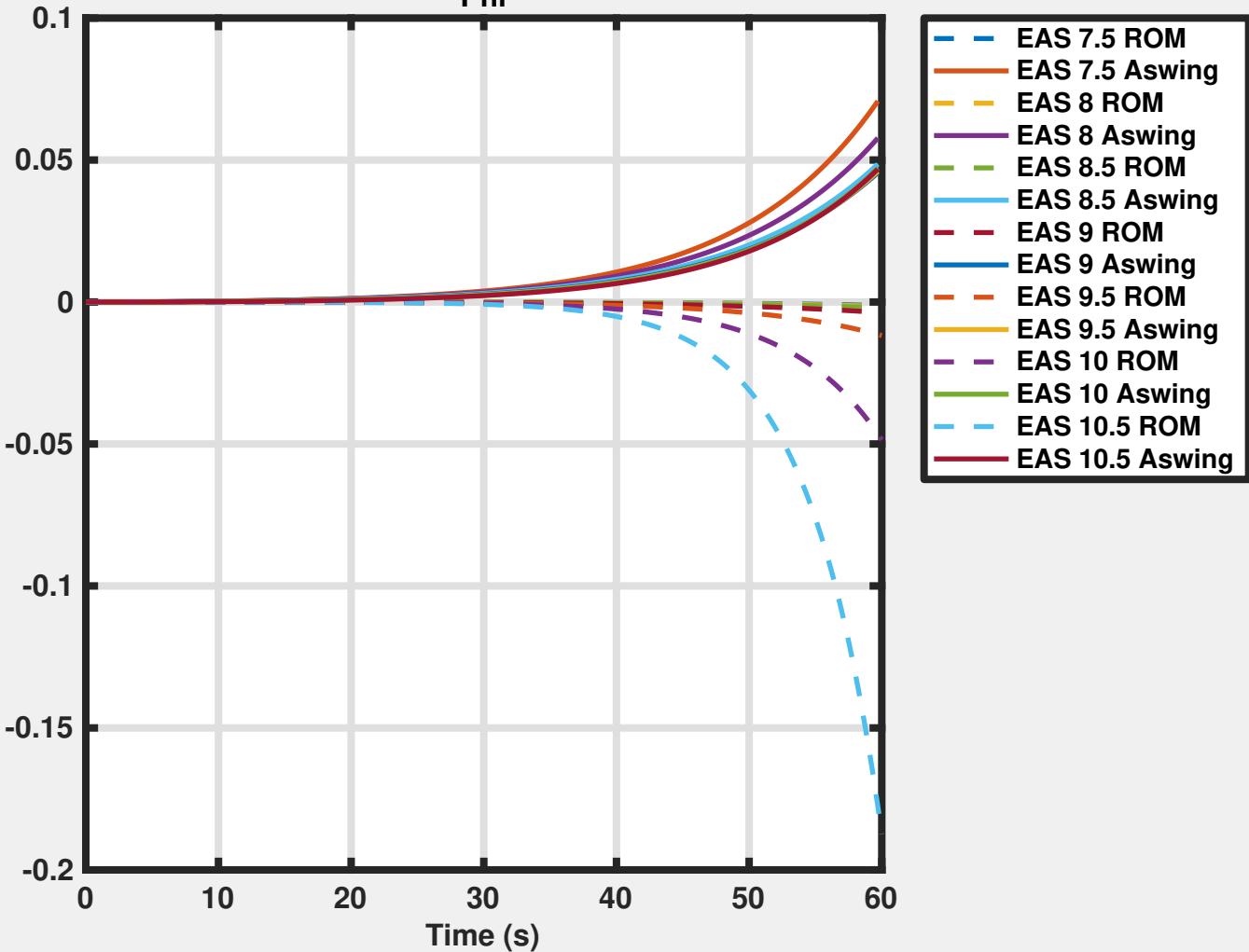
Elevator - 0.1 to Psi



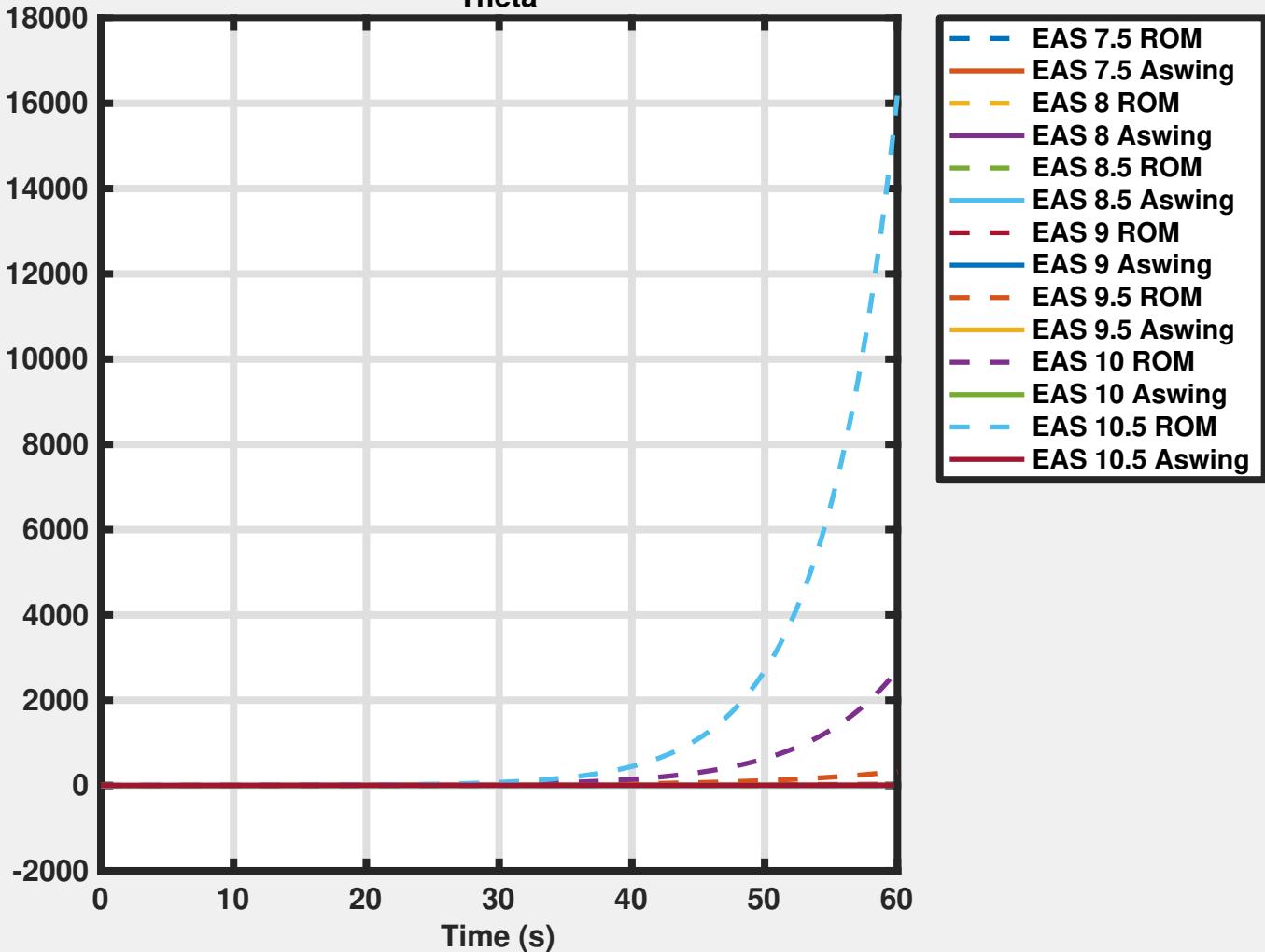
Elevator - 0.1 to Theta



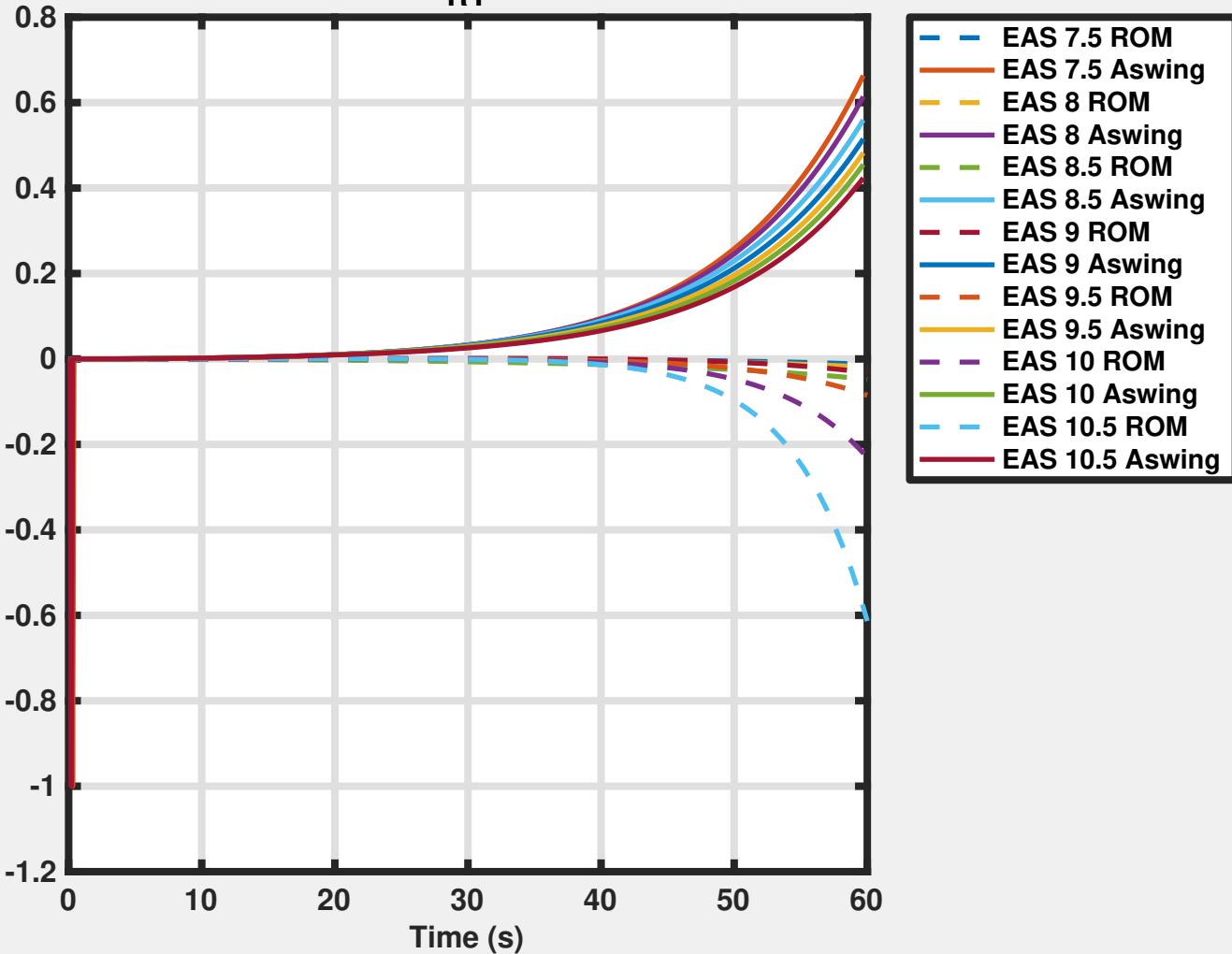
Elevator - 0.1 to Phi



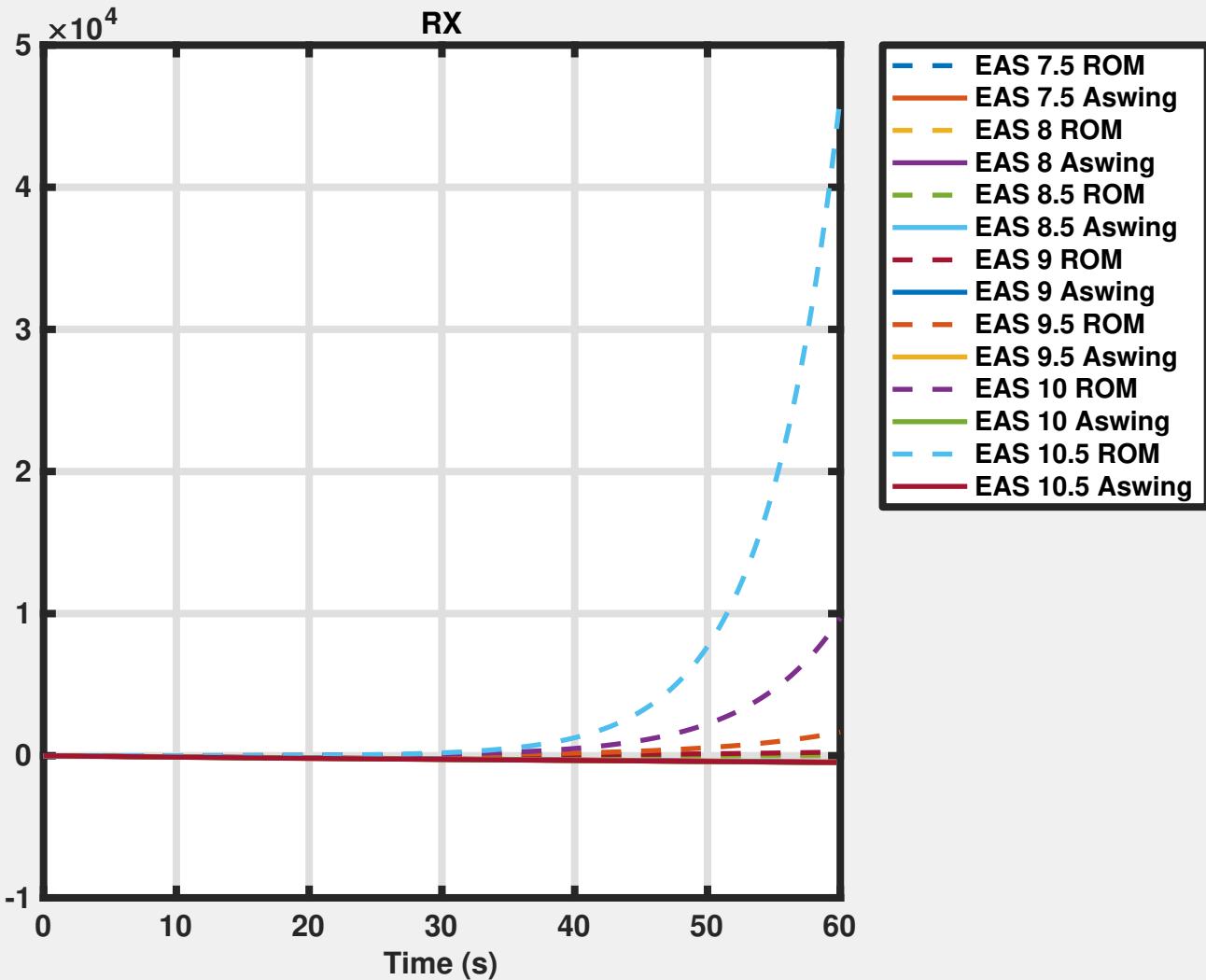
Elevator - 0.1 to
Theta



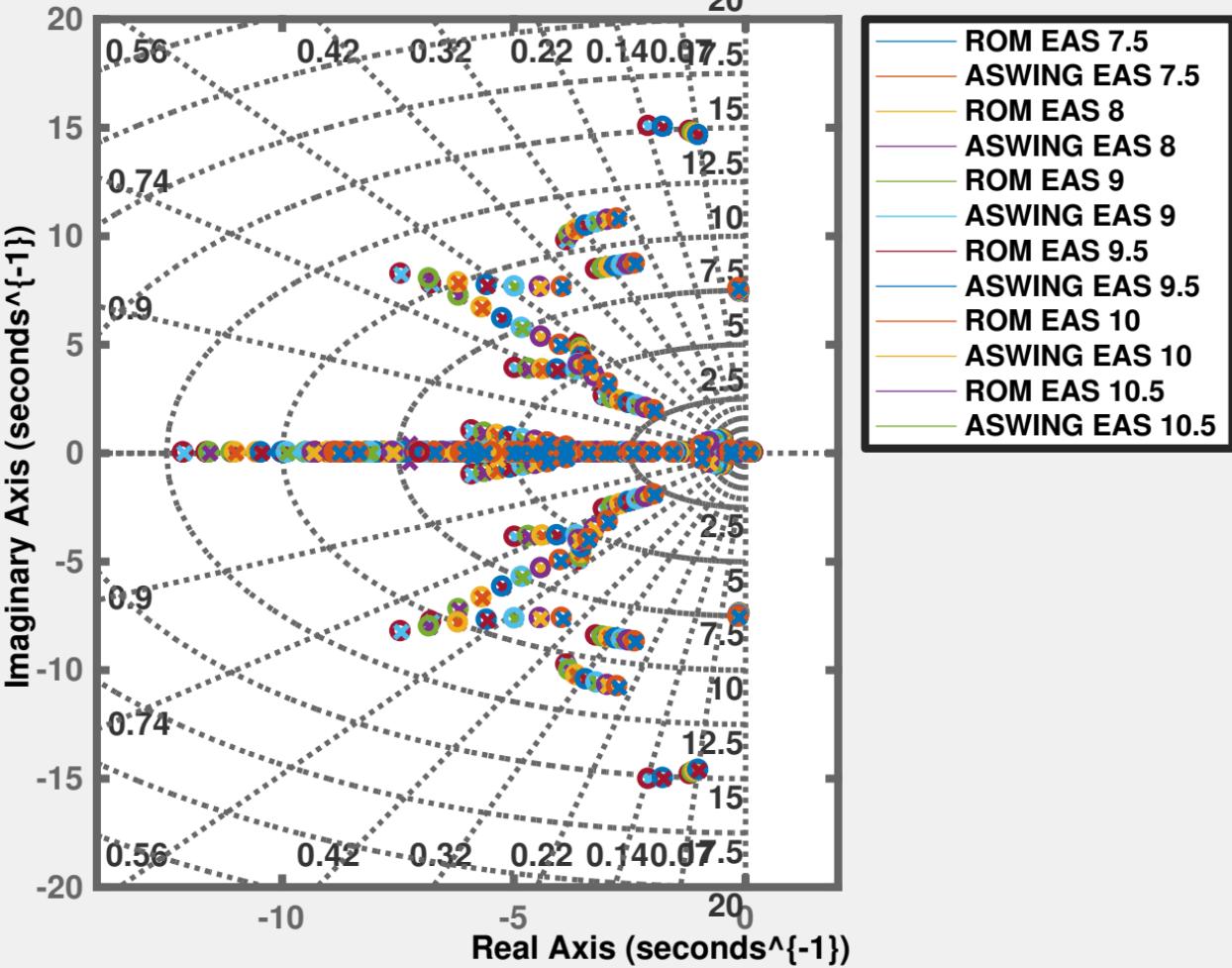
Elevator - 0.1 to RY



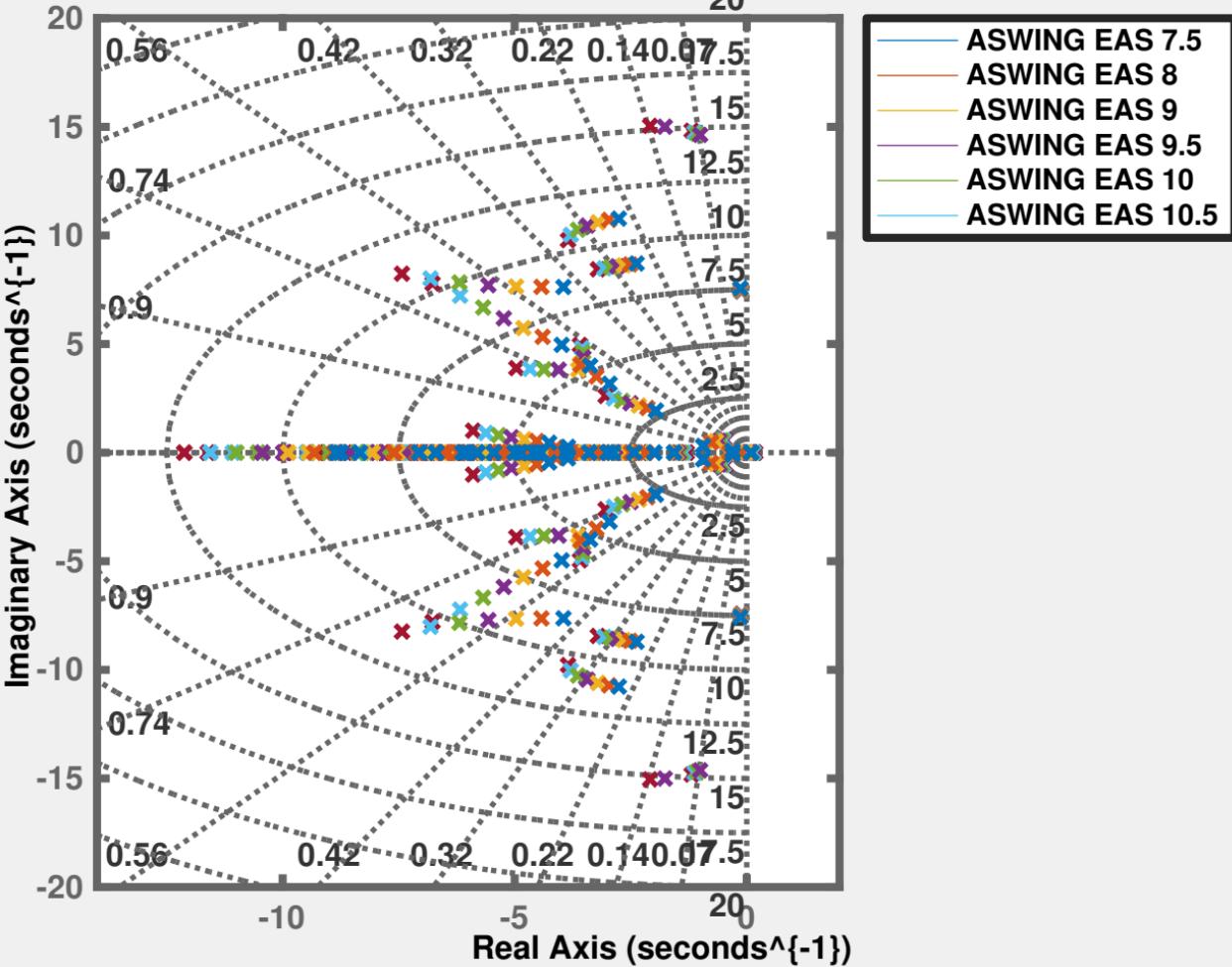
Elevator - 0.1 to RX



Pole Map ROM and ASWING

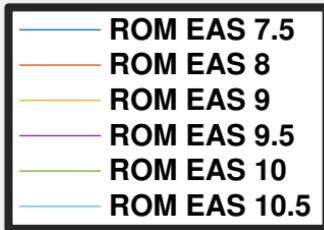
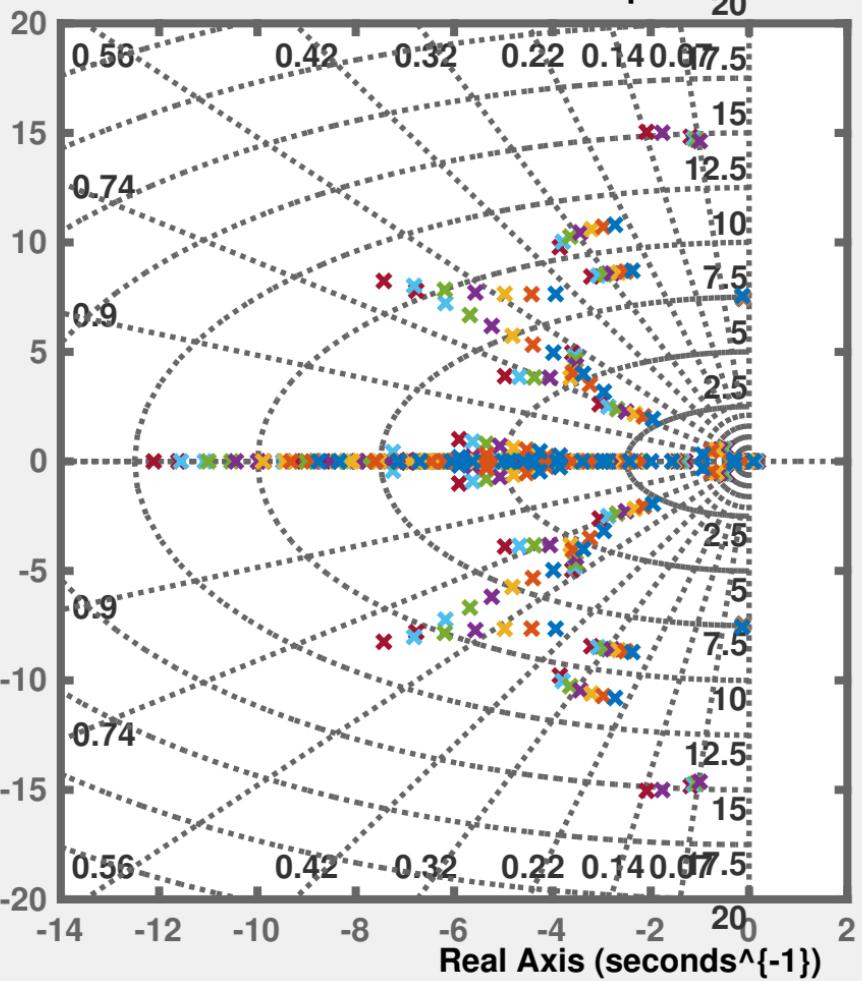


PZ Map ASWING

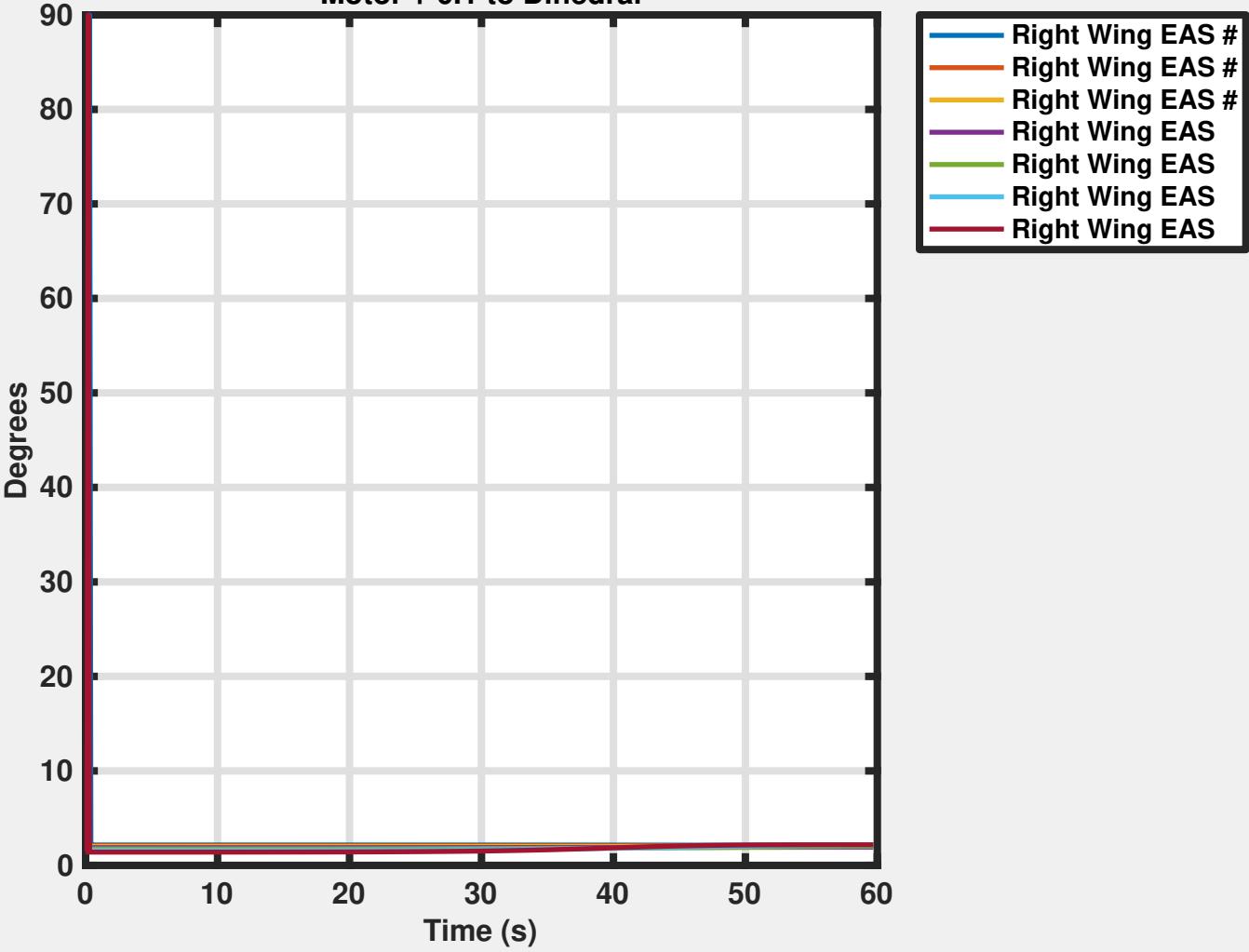


PZ Map ROM₂₀

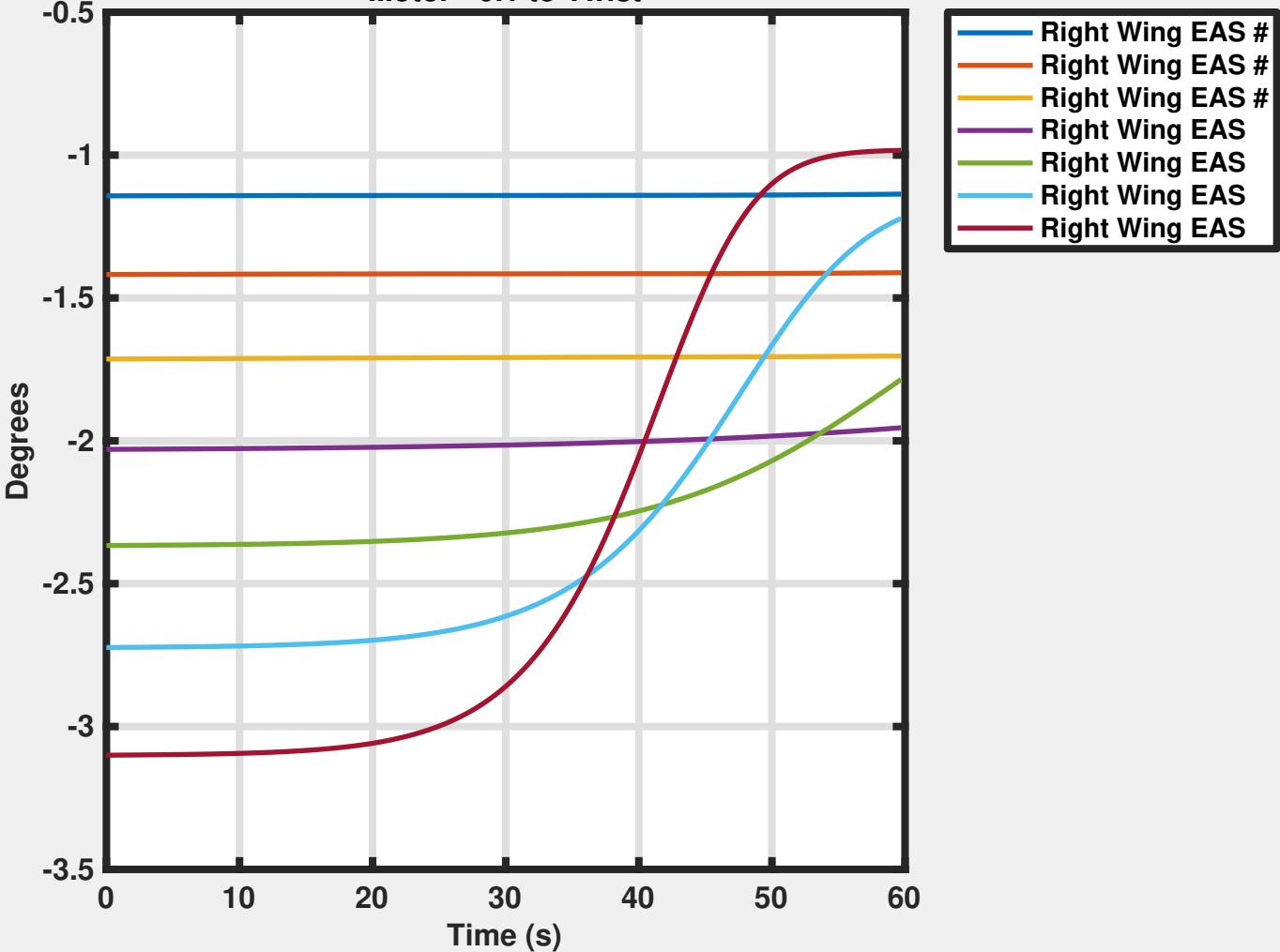
Imaginary Axis (seconds⁻¹)



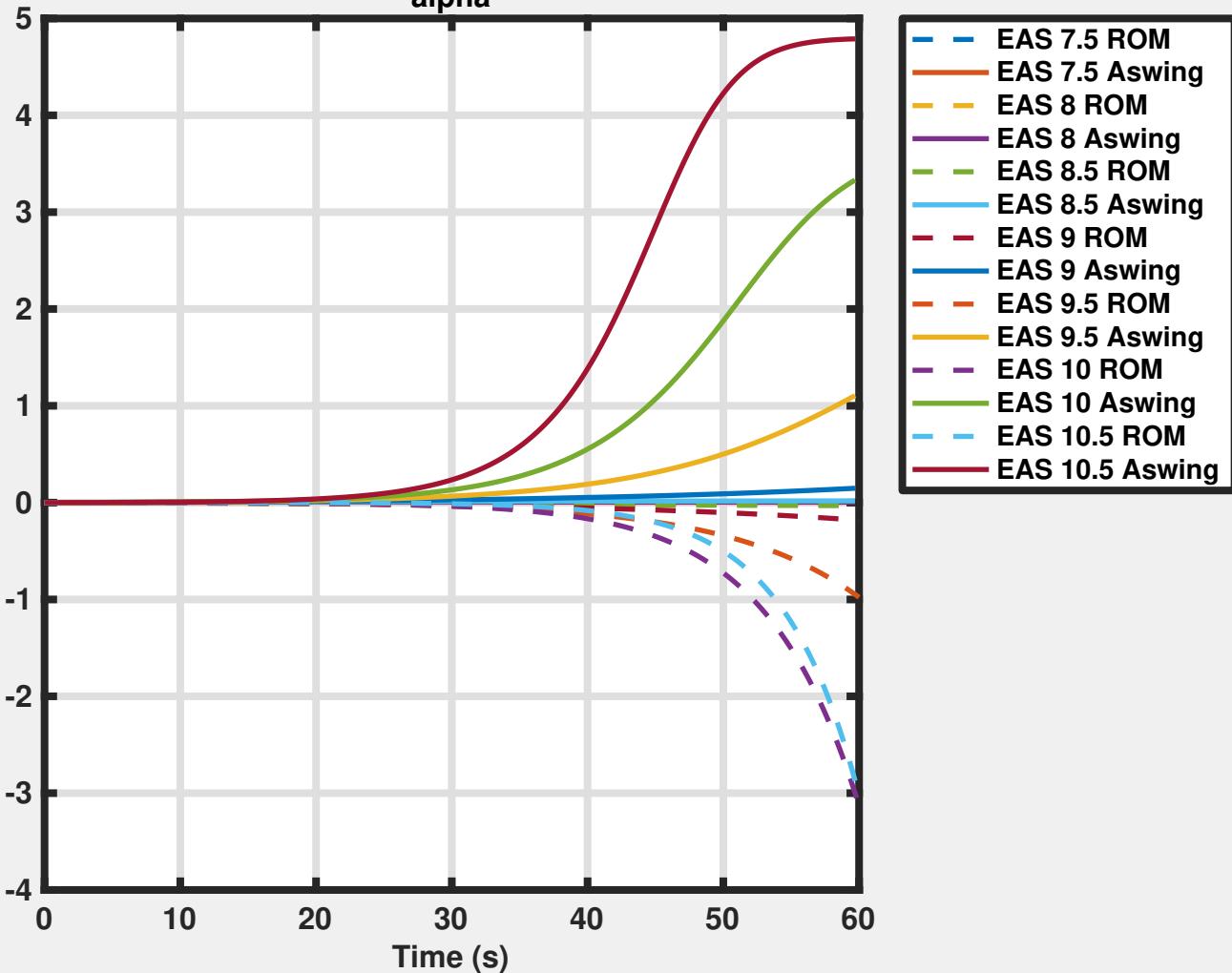
Motor + 0.1 to Dihedral



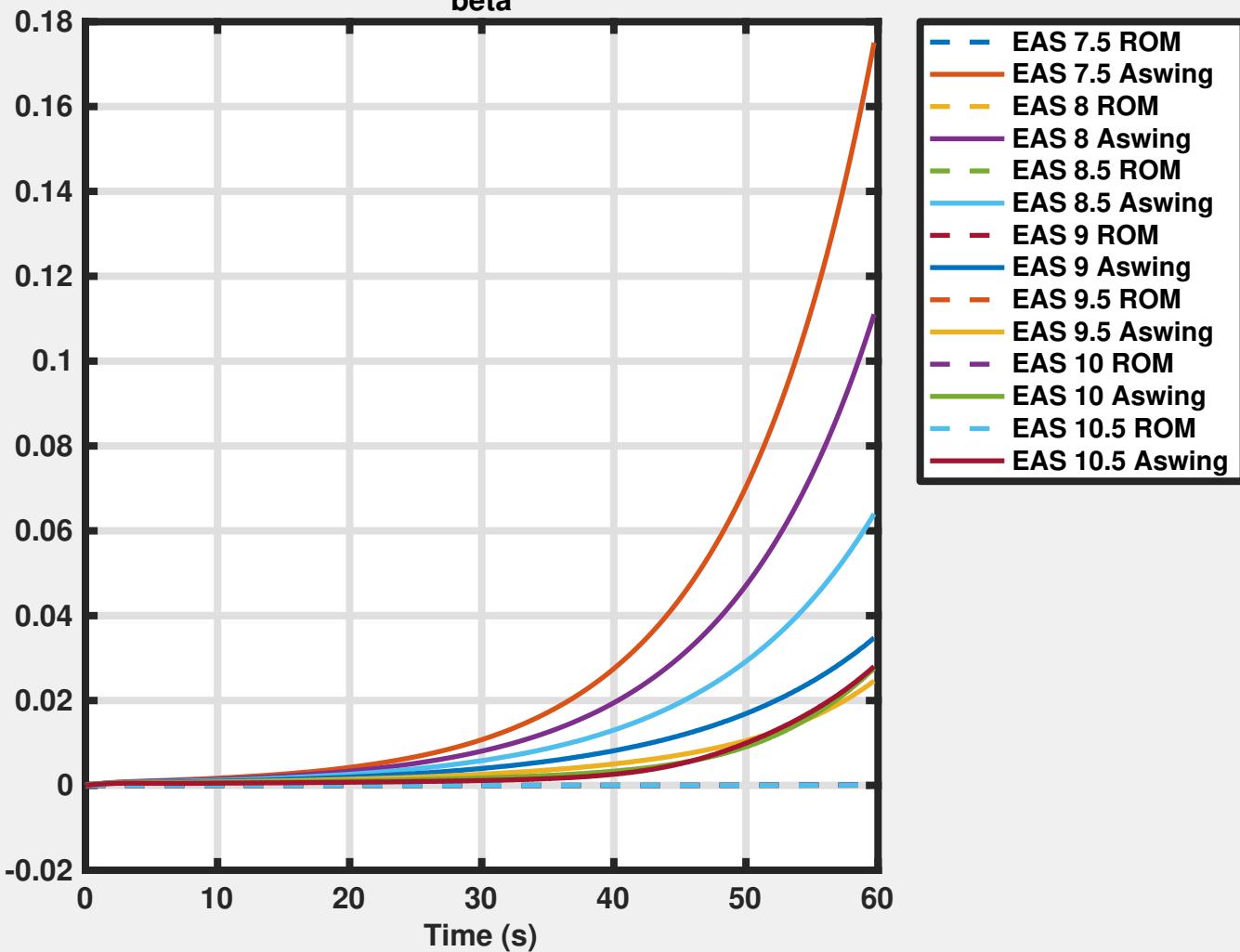
Motor - 0.1 to Twist



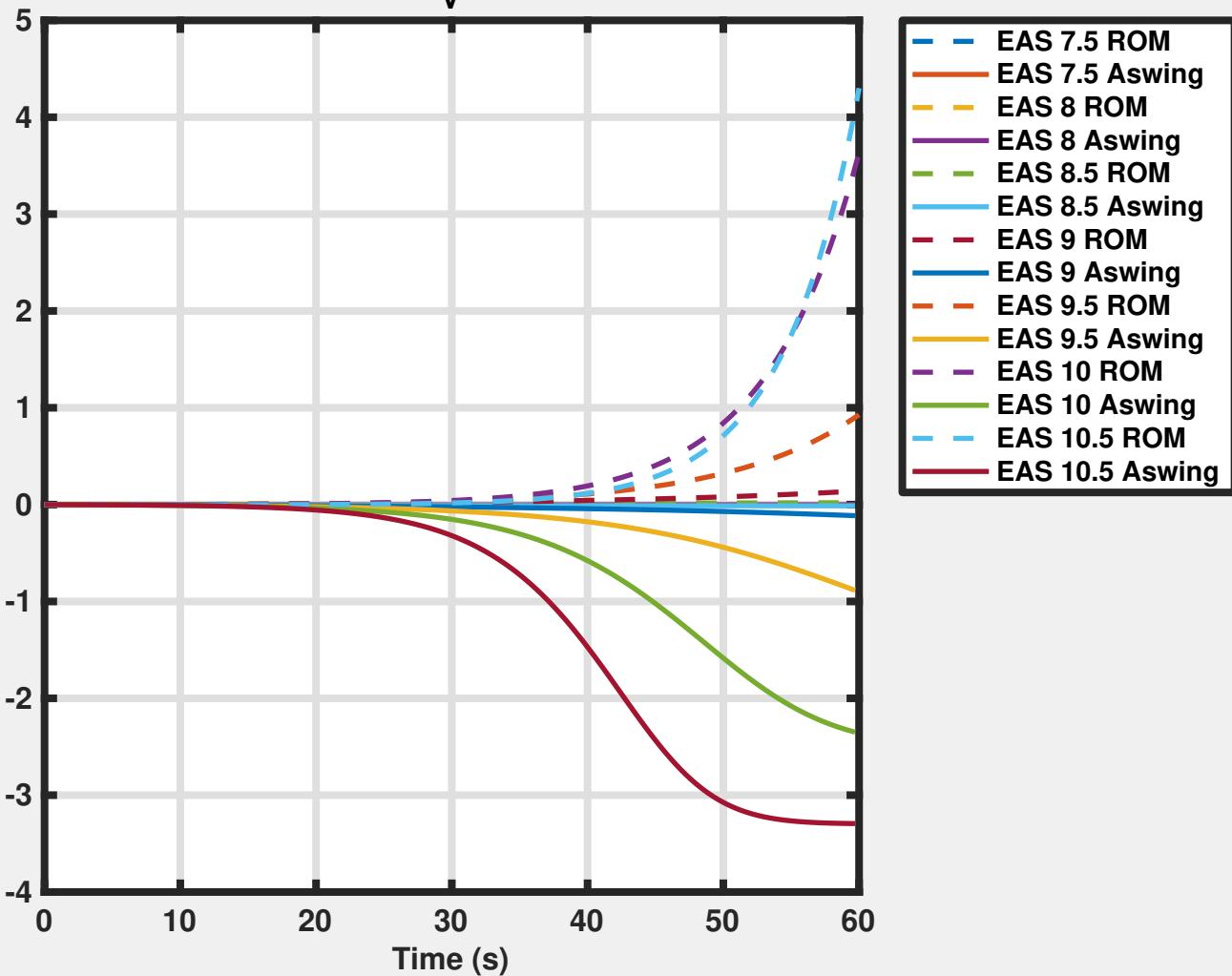
Motor - 0.1 to alpha



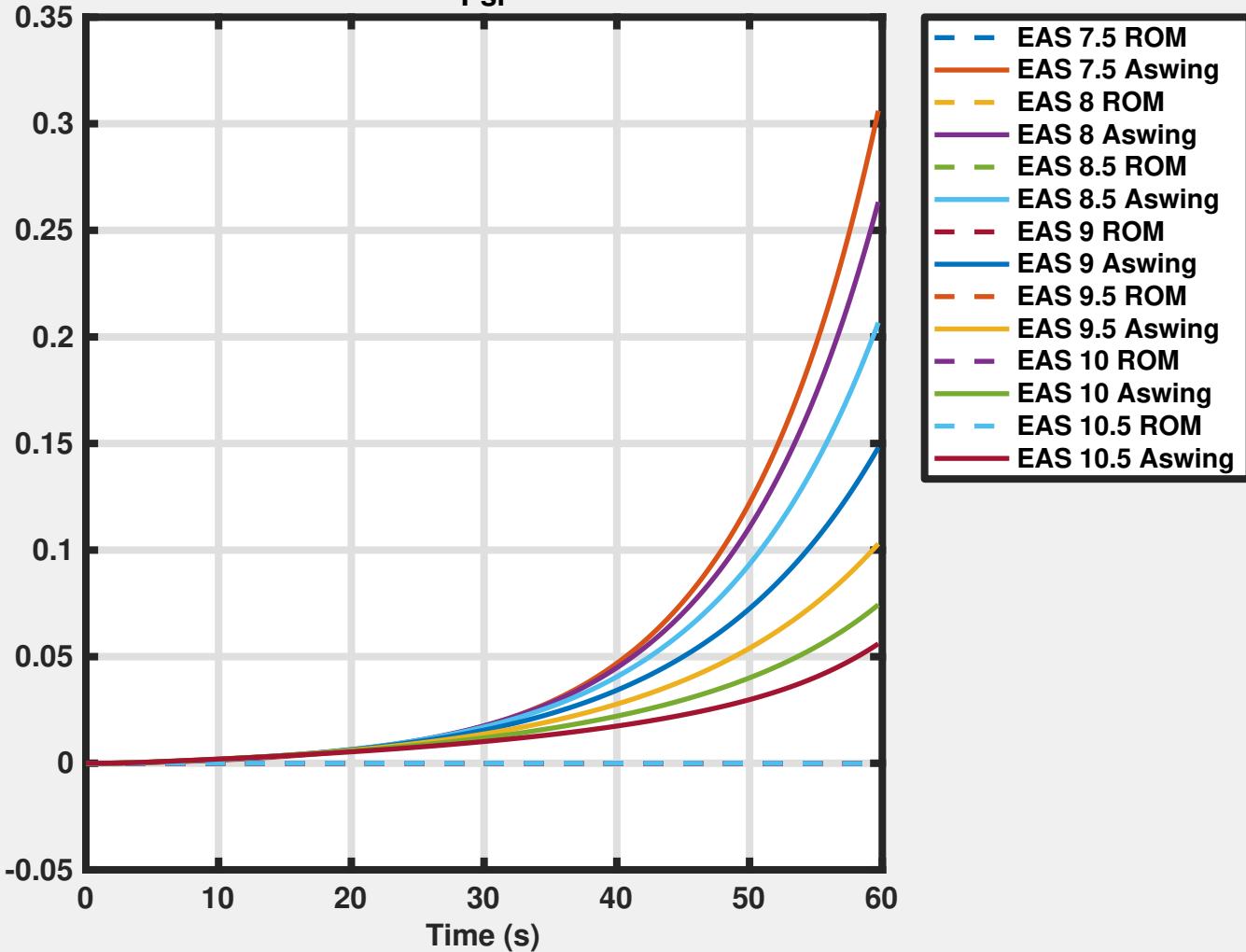
**Motor - 0.1 to
beta**



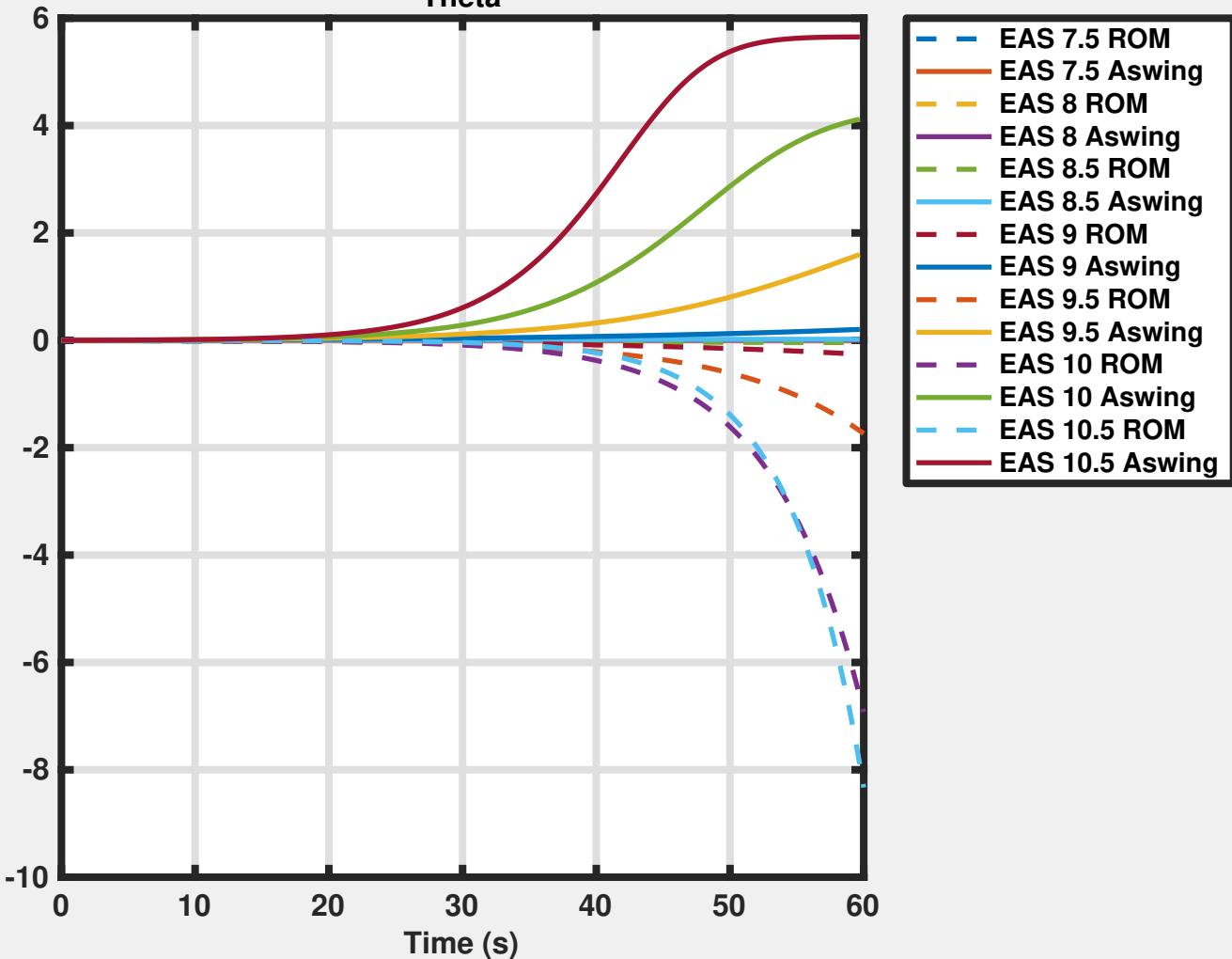
Motor - 0.1 to V



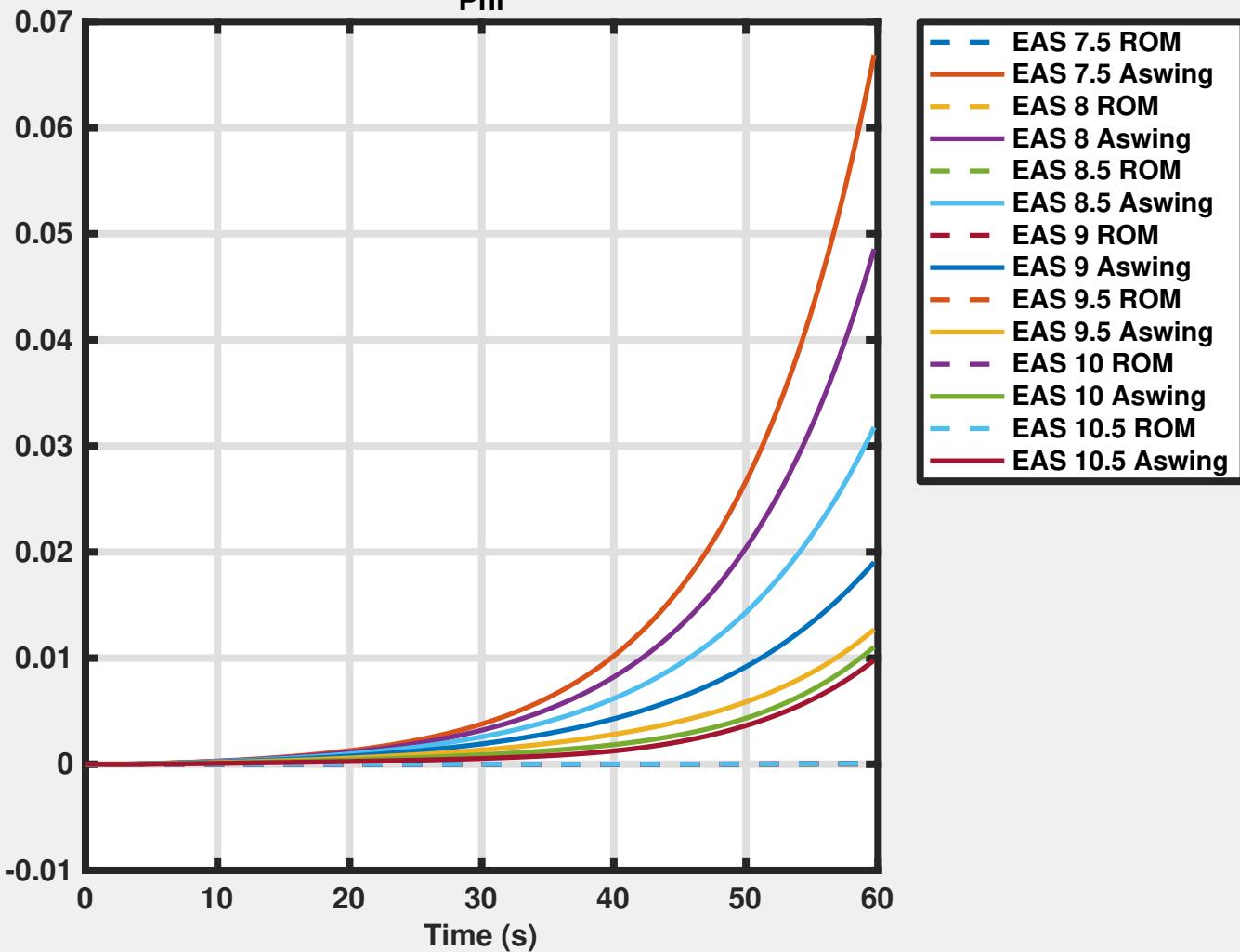
**Motor - 0.1 to
Psi**



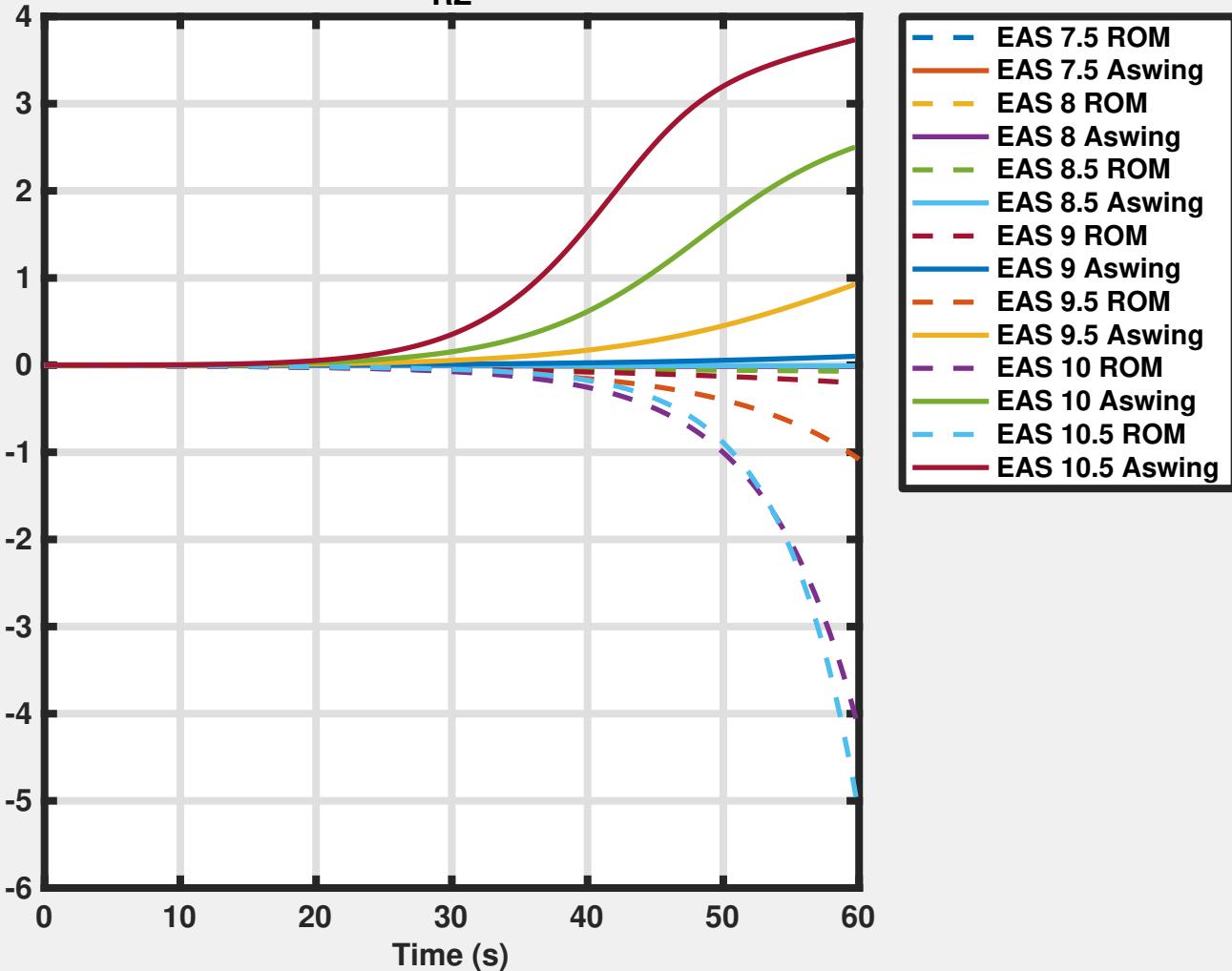
**Motor - 0.1 to
Theta**



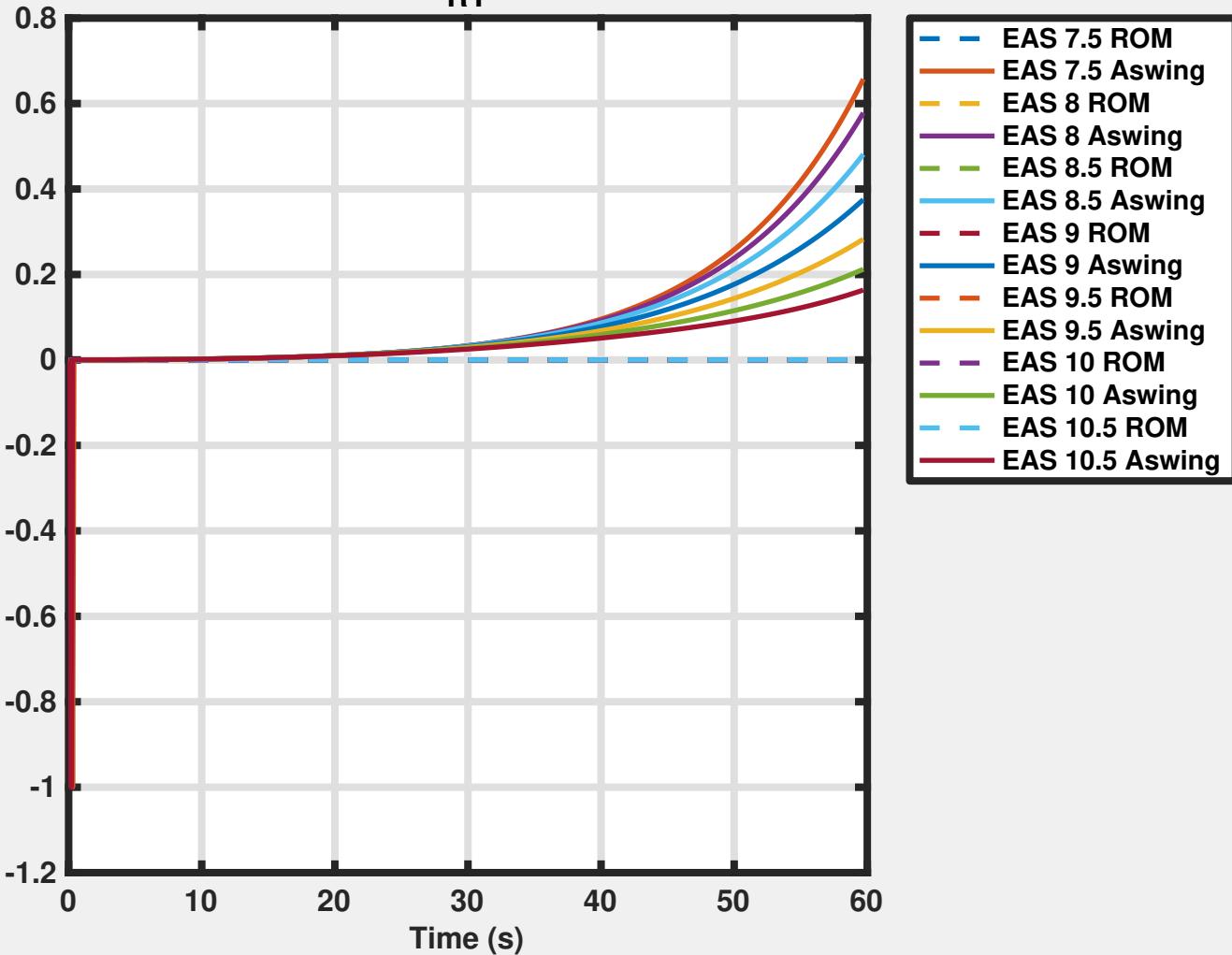
**Motor - 0.1 to
Phi**



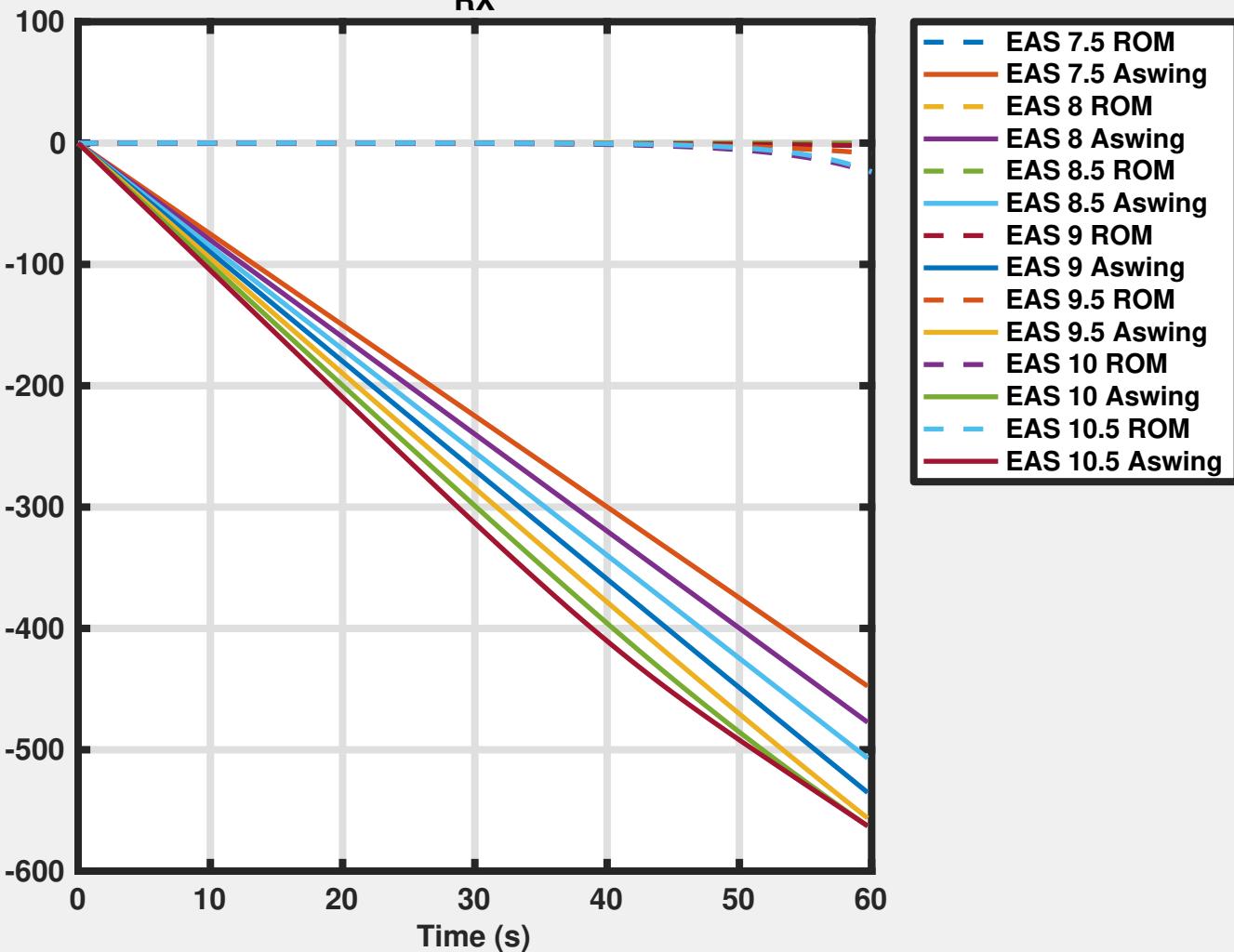
Motor - 0.1 to RZ



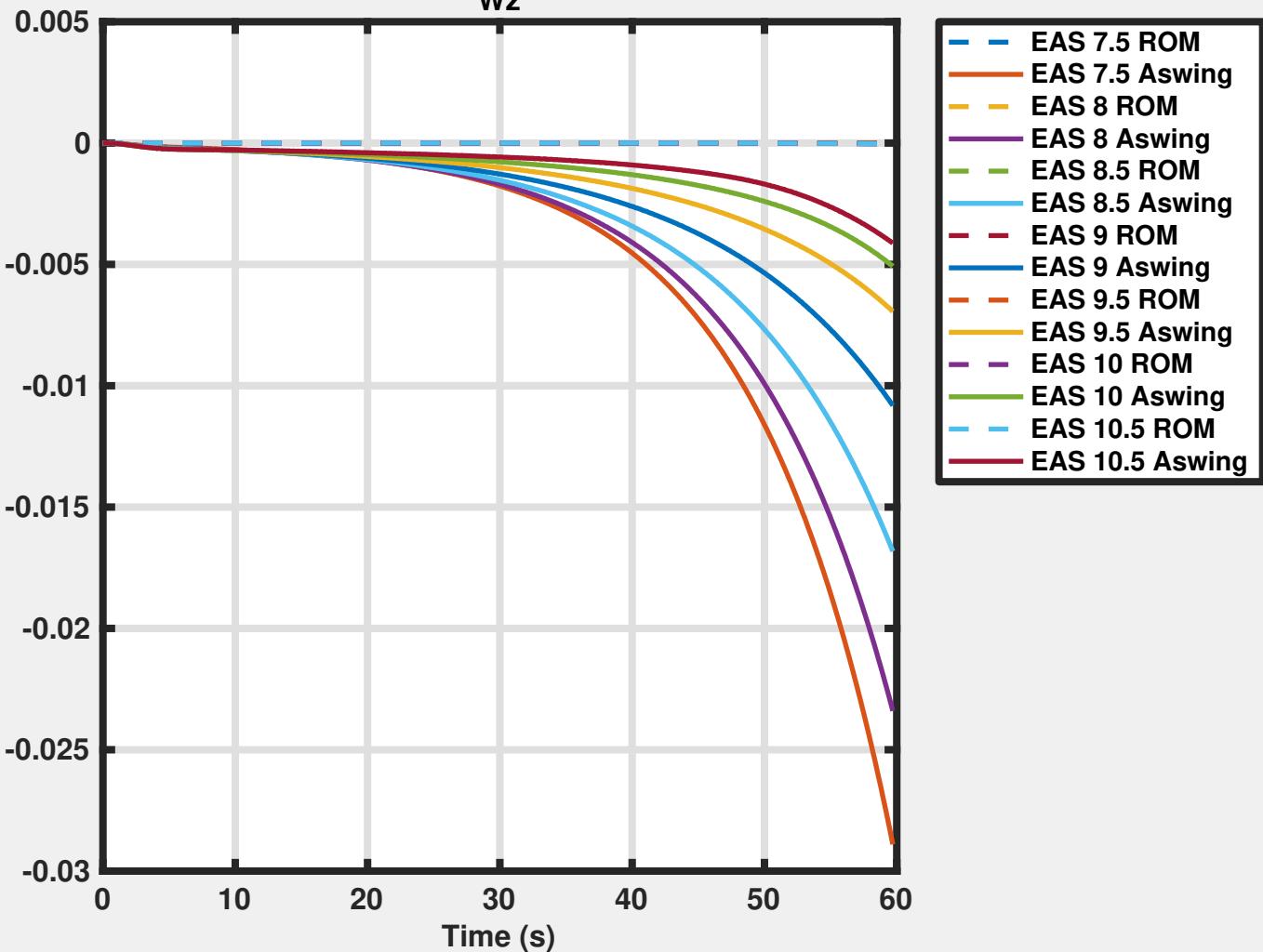
Motor - 0.1 to RY



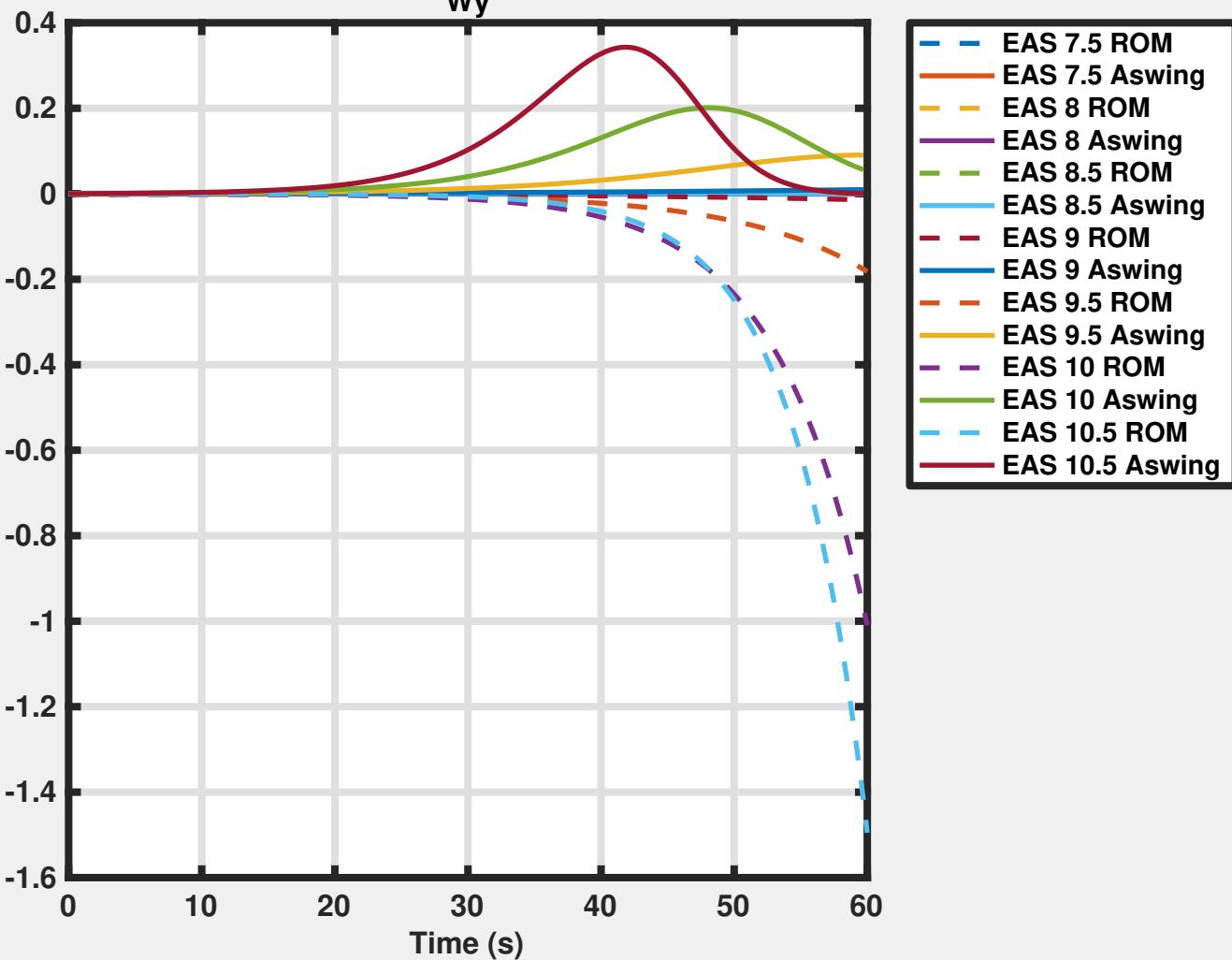
Motor - 0.1 to RX



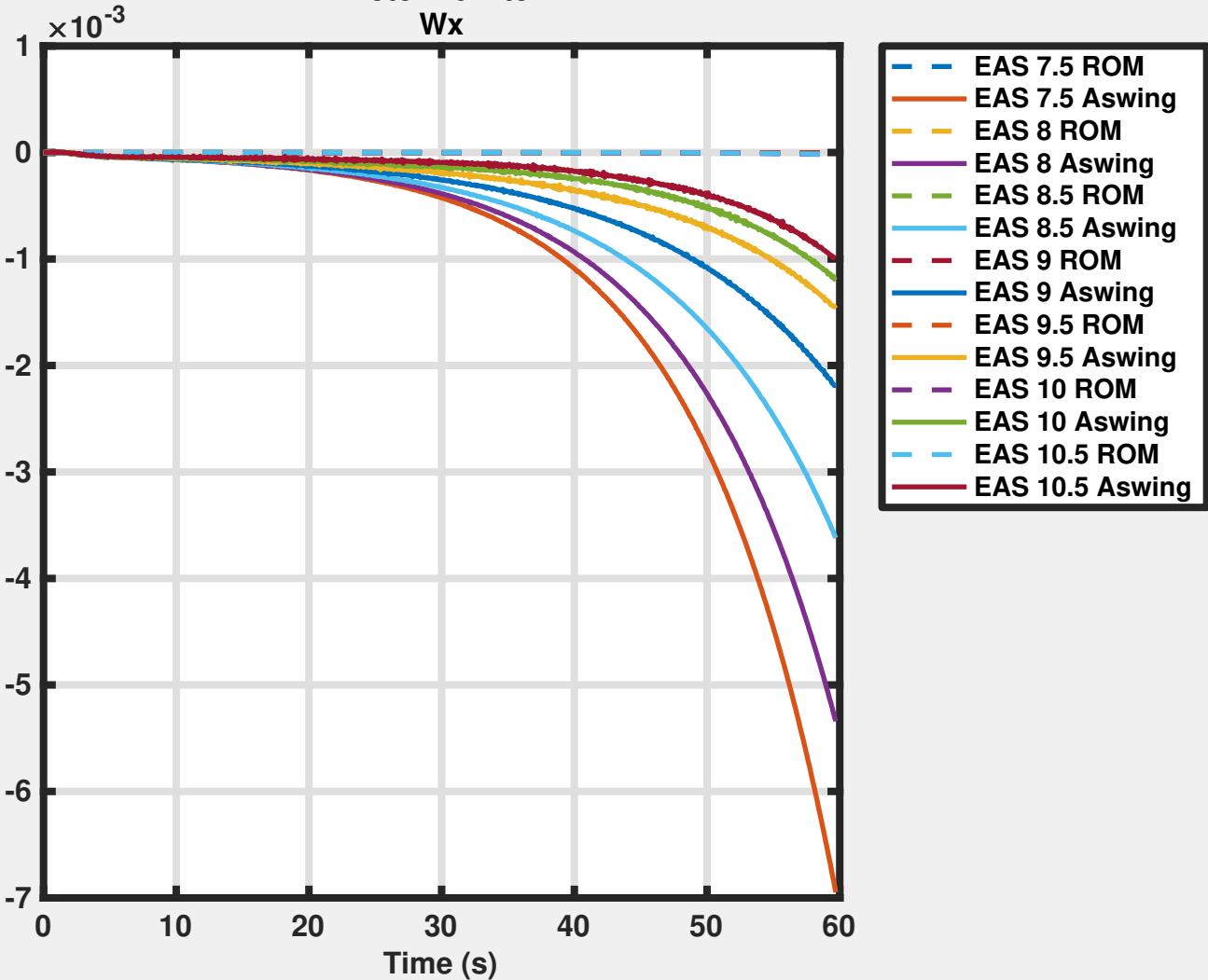
**Motor - 0.1 to
Wz**



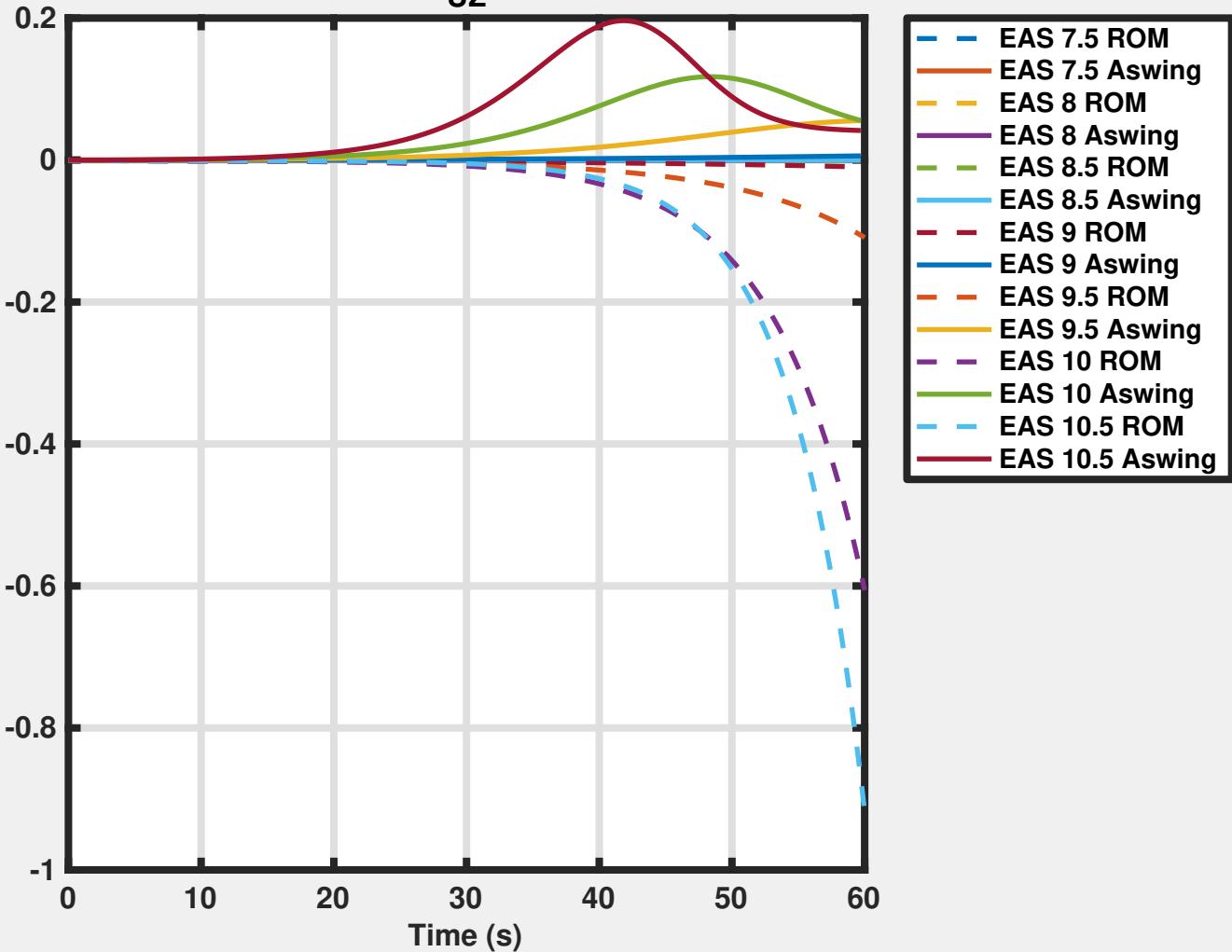
**Motor - 0.1 to
Wy**



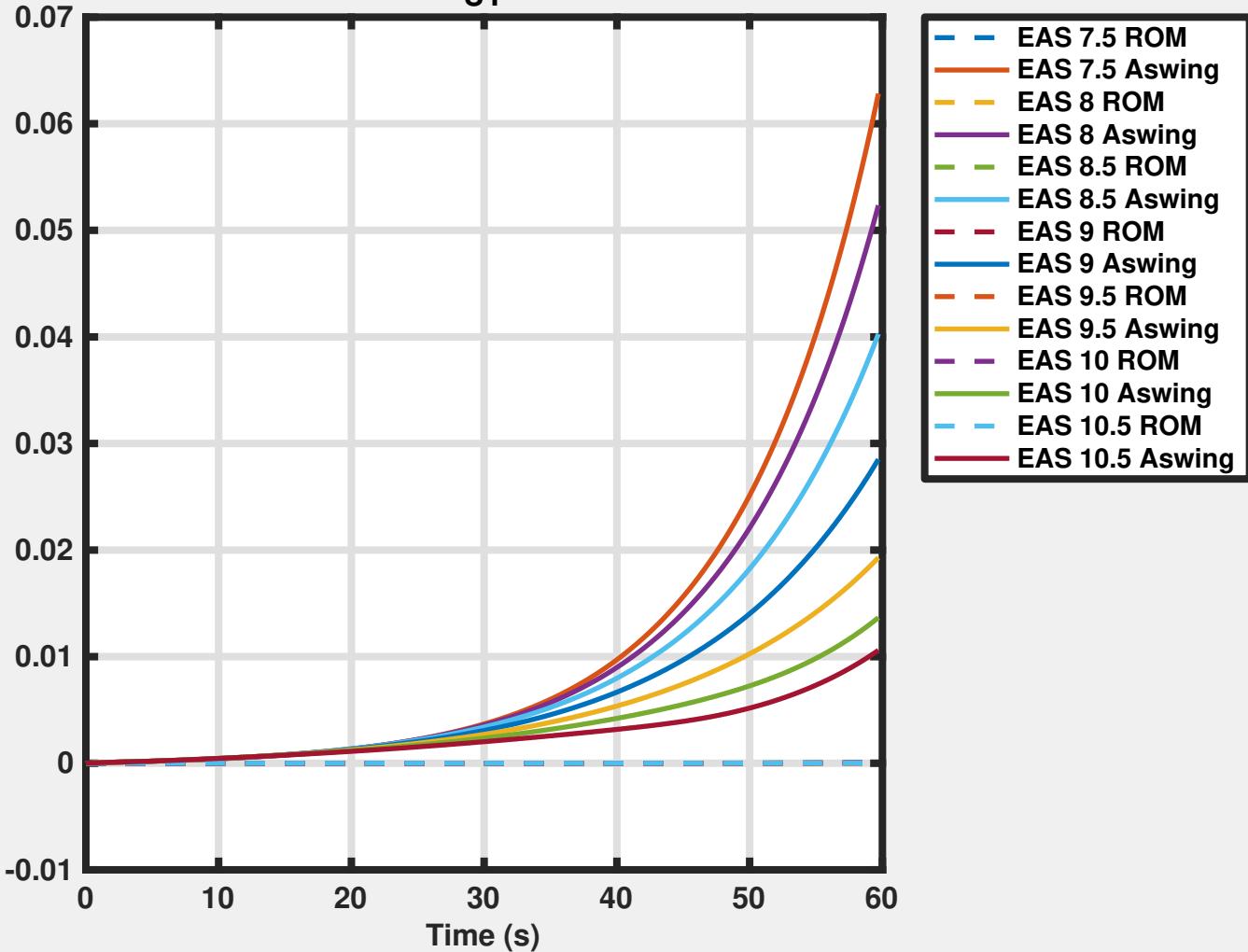
**Motor - 0.1 to
Wx**



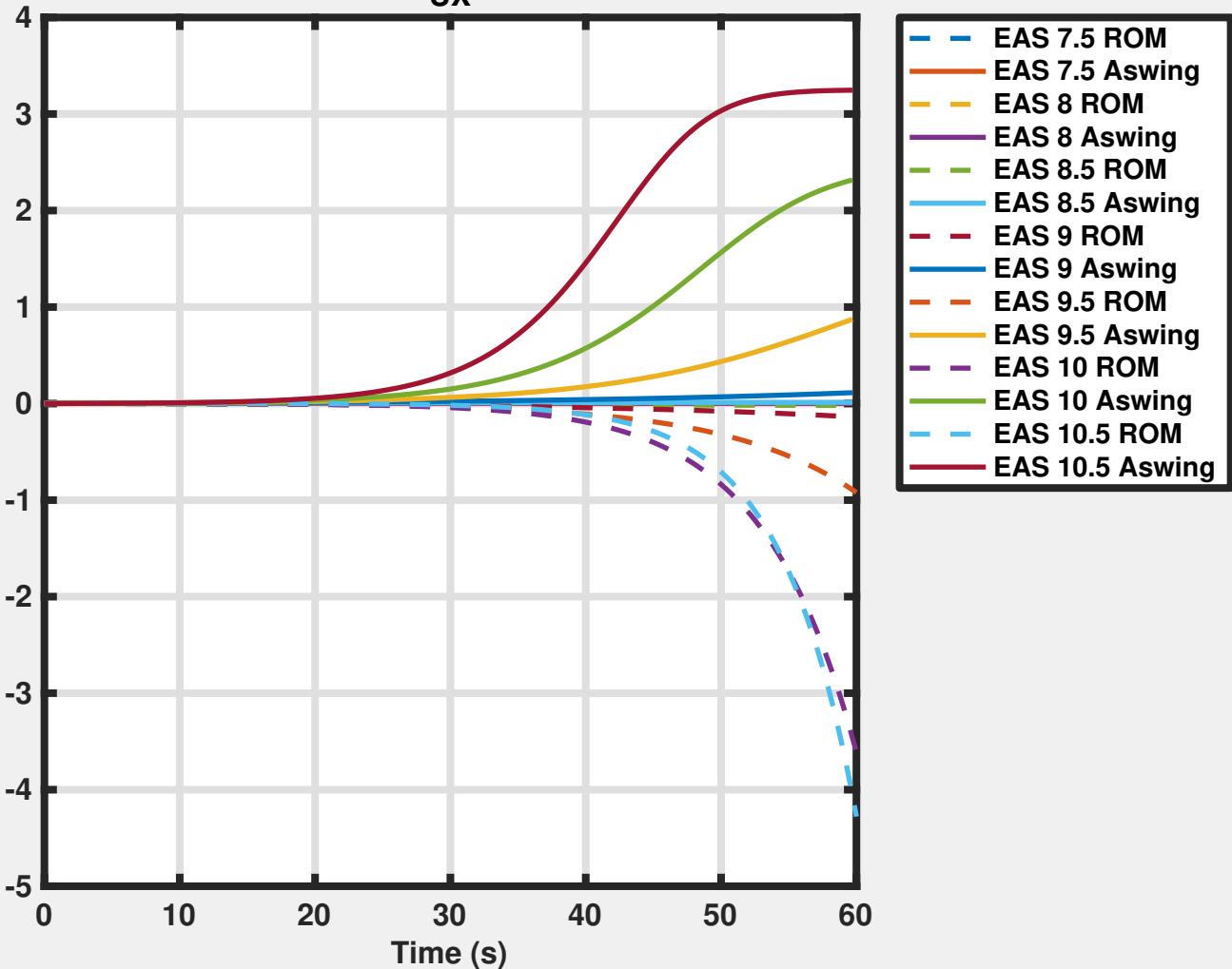
Motor - 0.1 to UZ



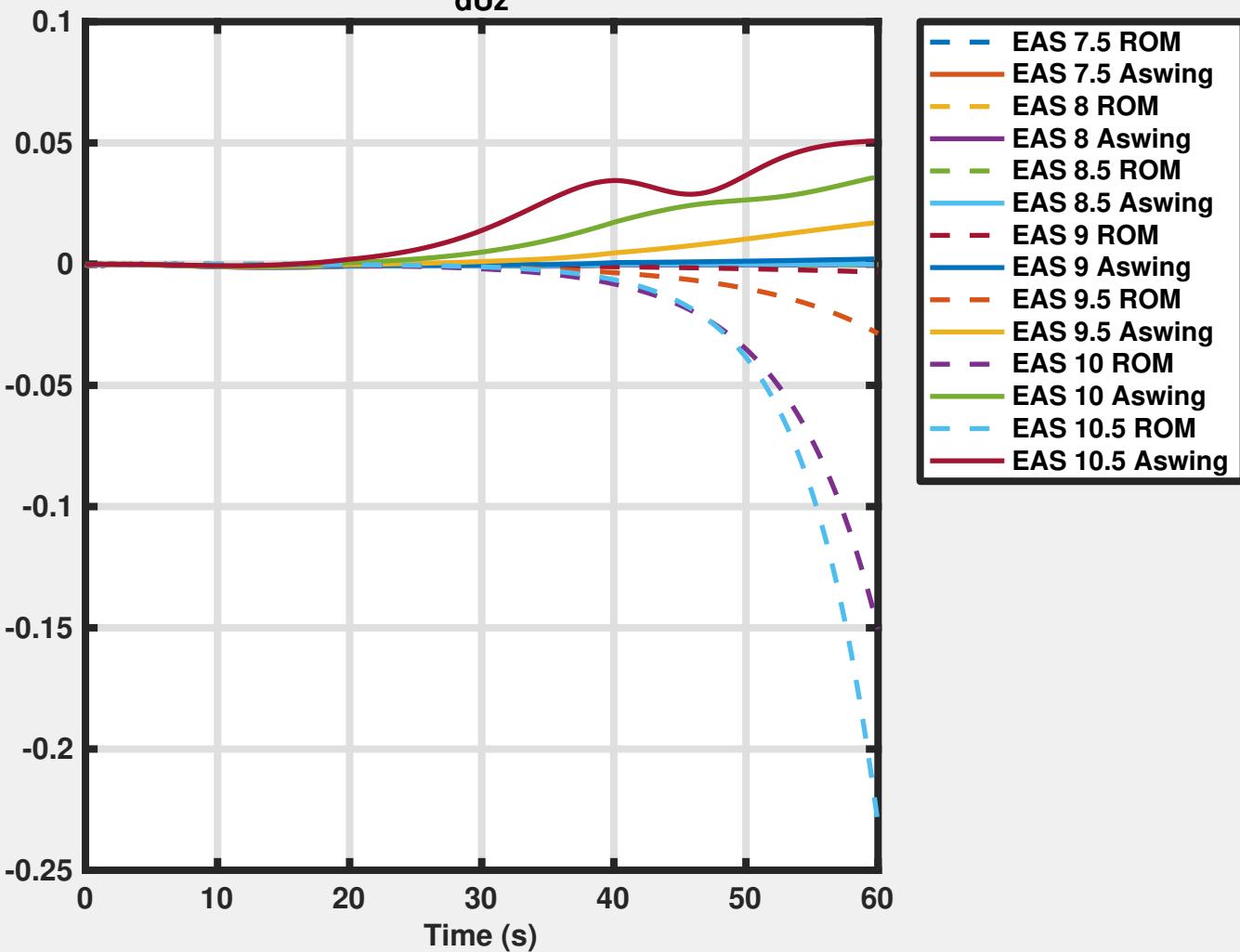
**Motor - 0.1 to
UY**



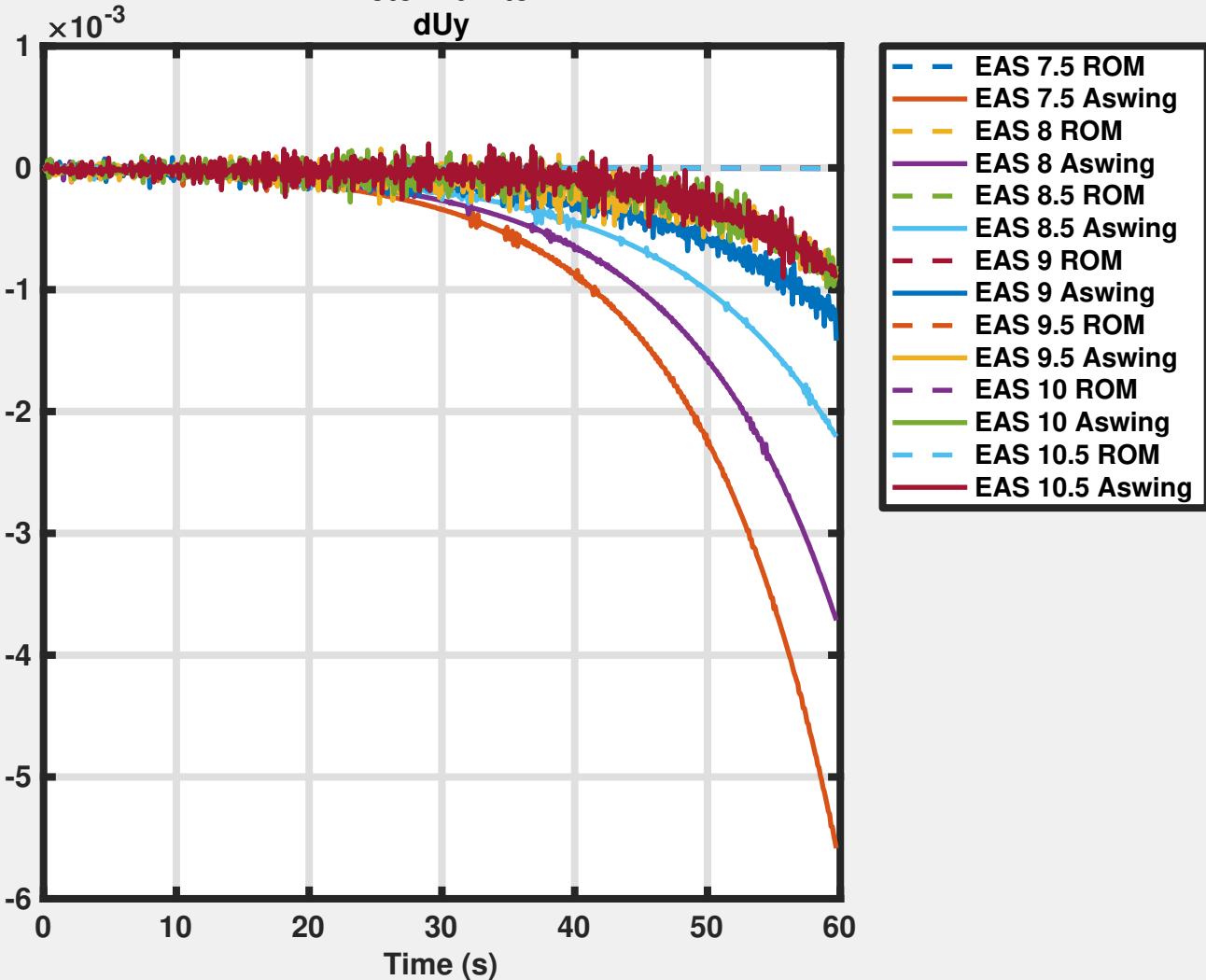
Motor - 0.1 to UX



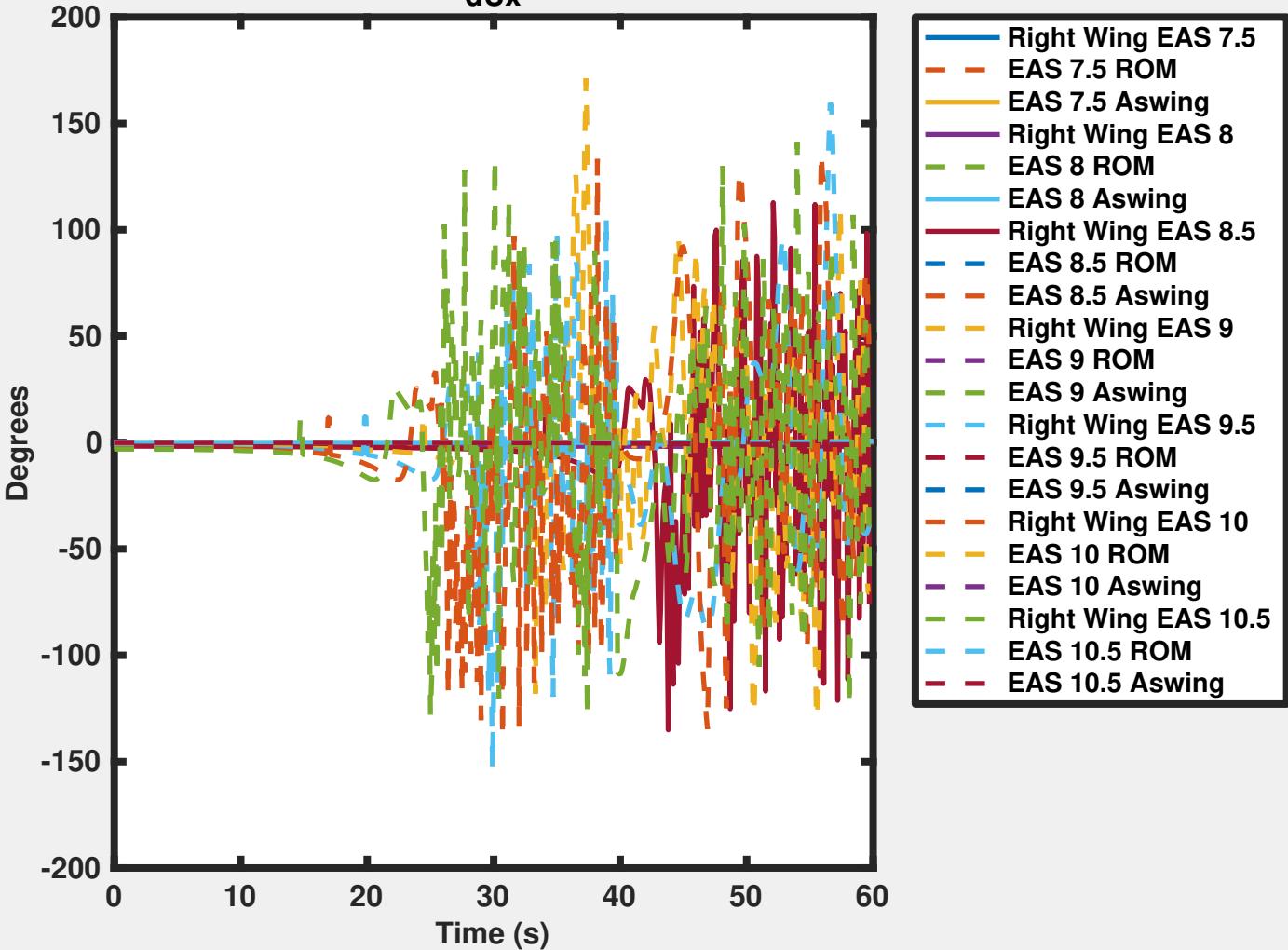
**Motor - 0.1 to
dUz**



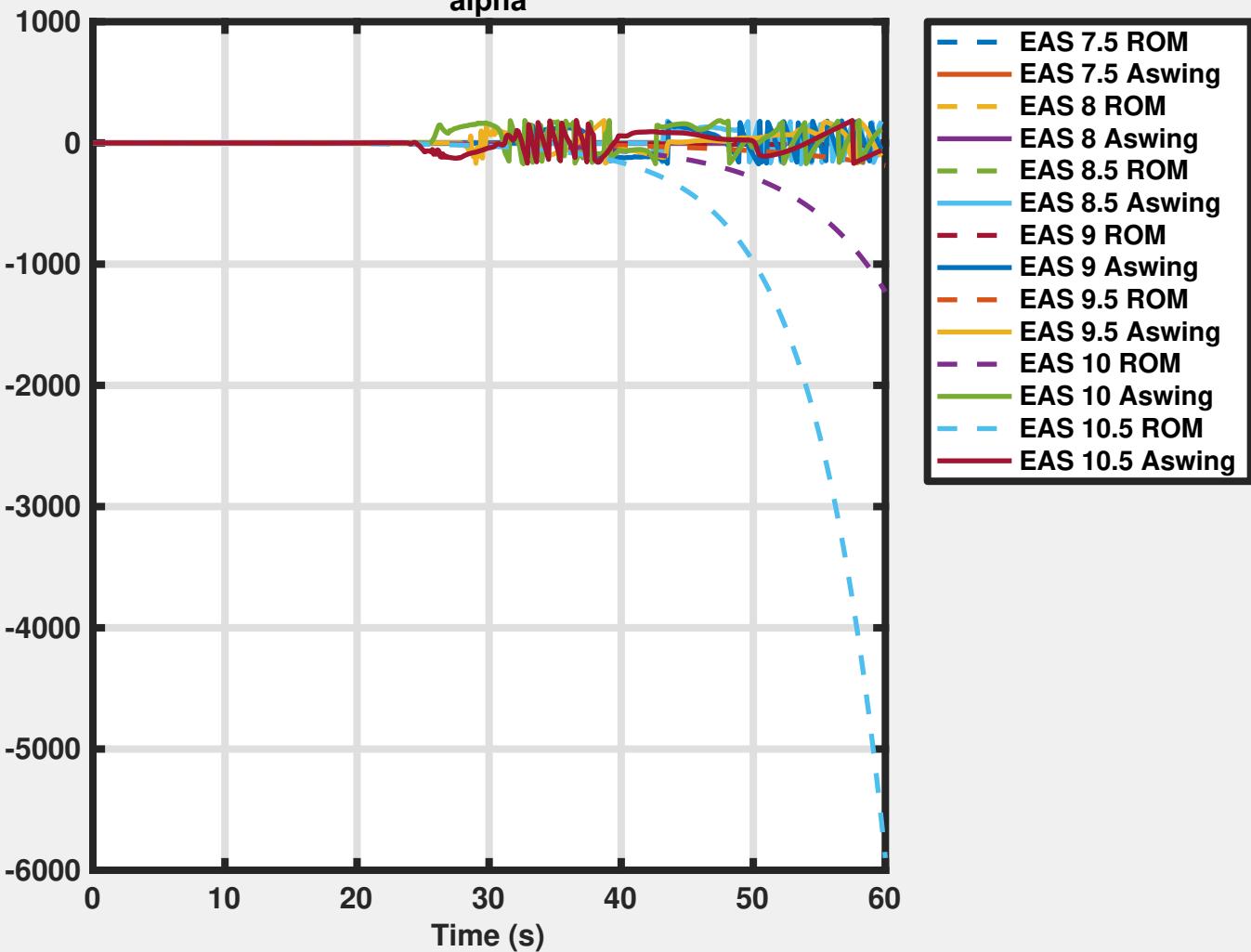
**Motor - 0.1 to
dUy**



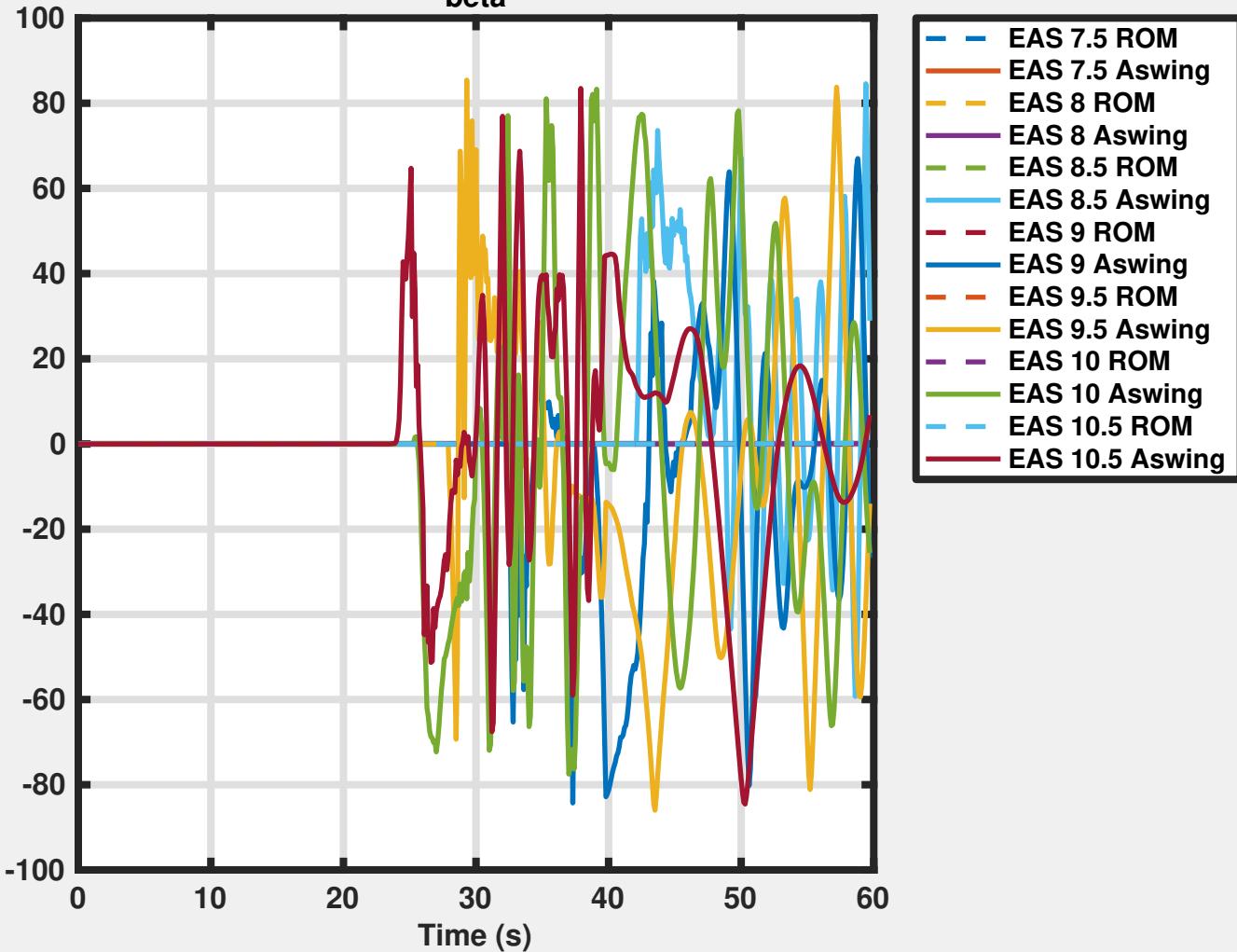
**Motor - 0.1 to
dUx**



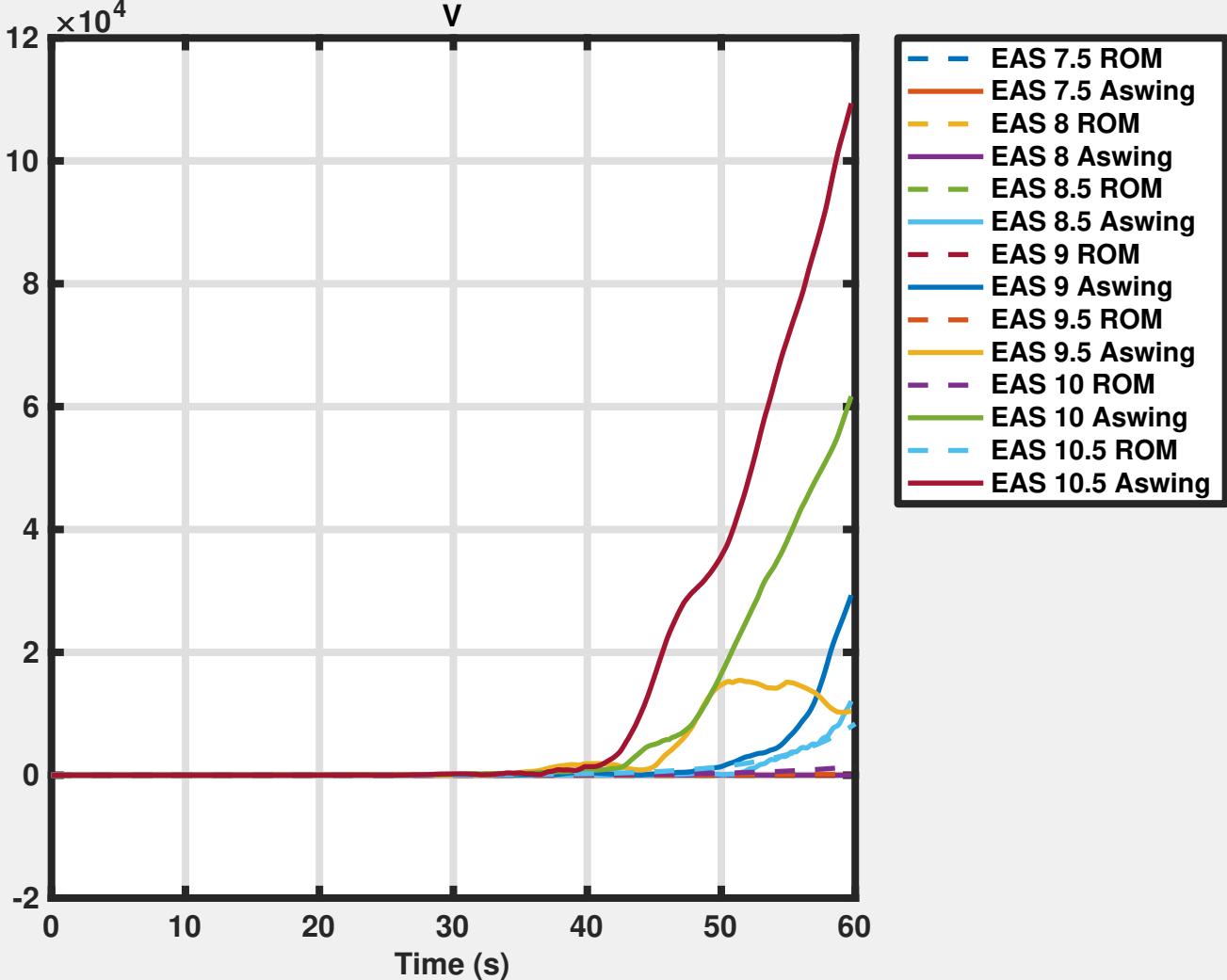
Elevator + 0.1 to
alpha



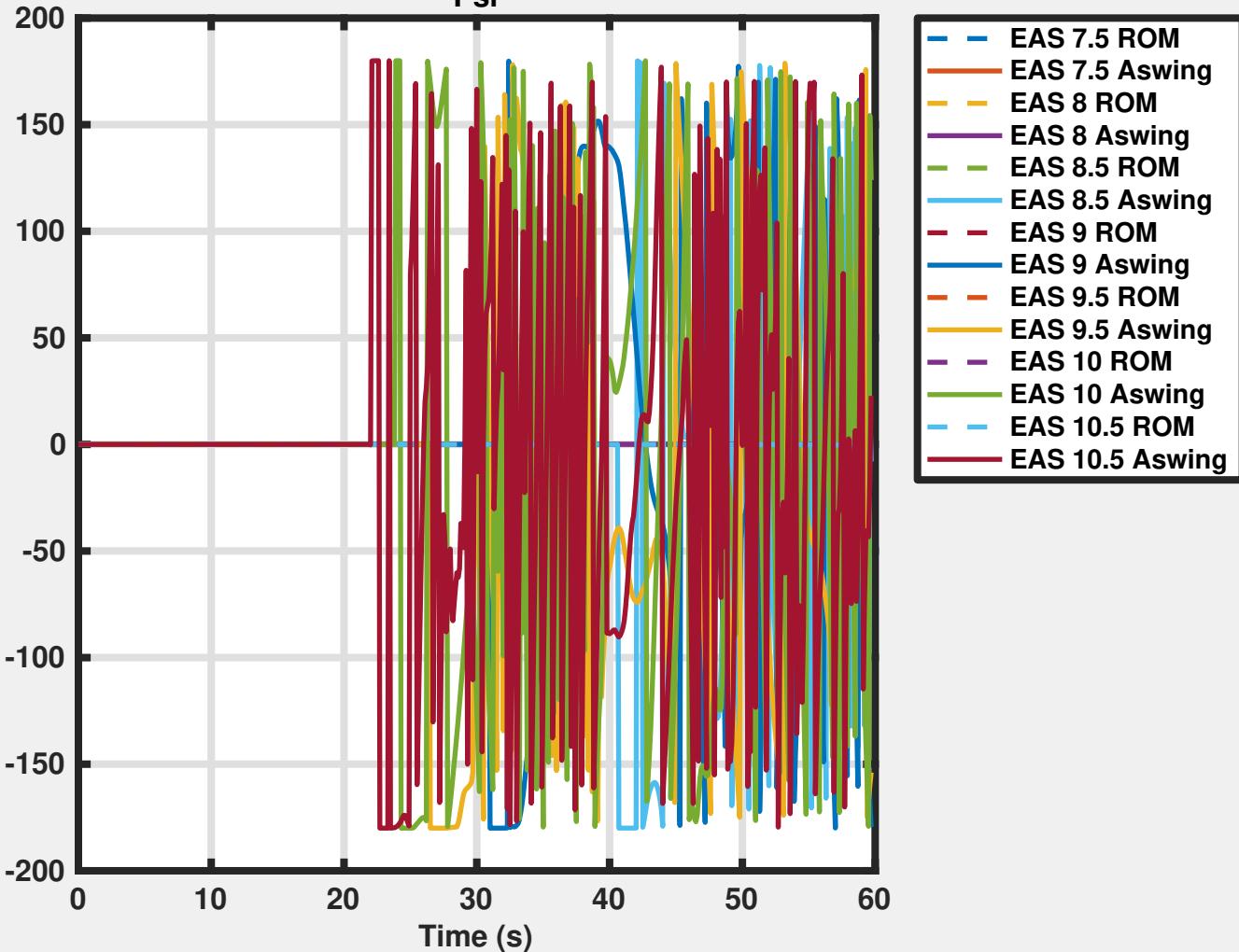
Elevator + 0.1 to beta



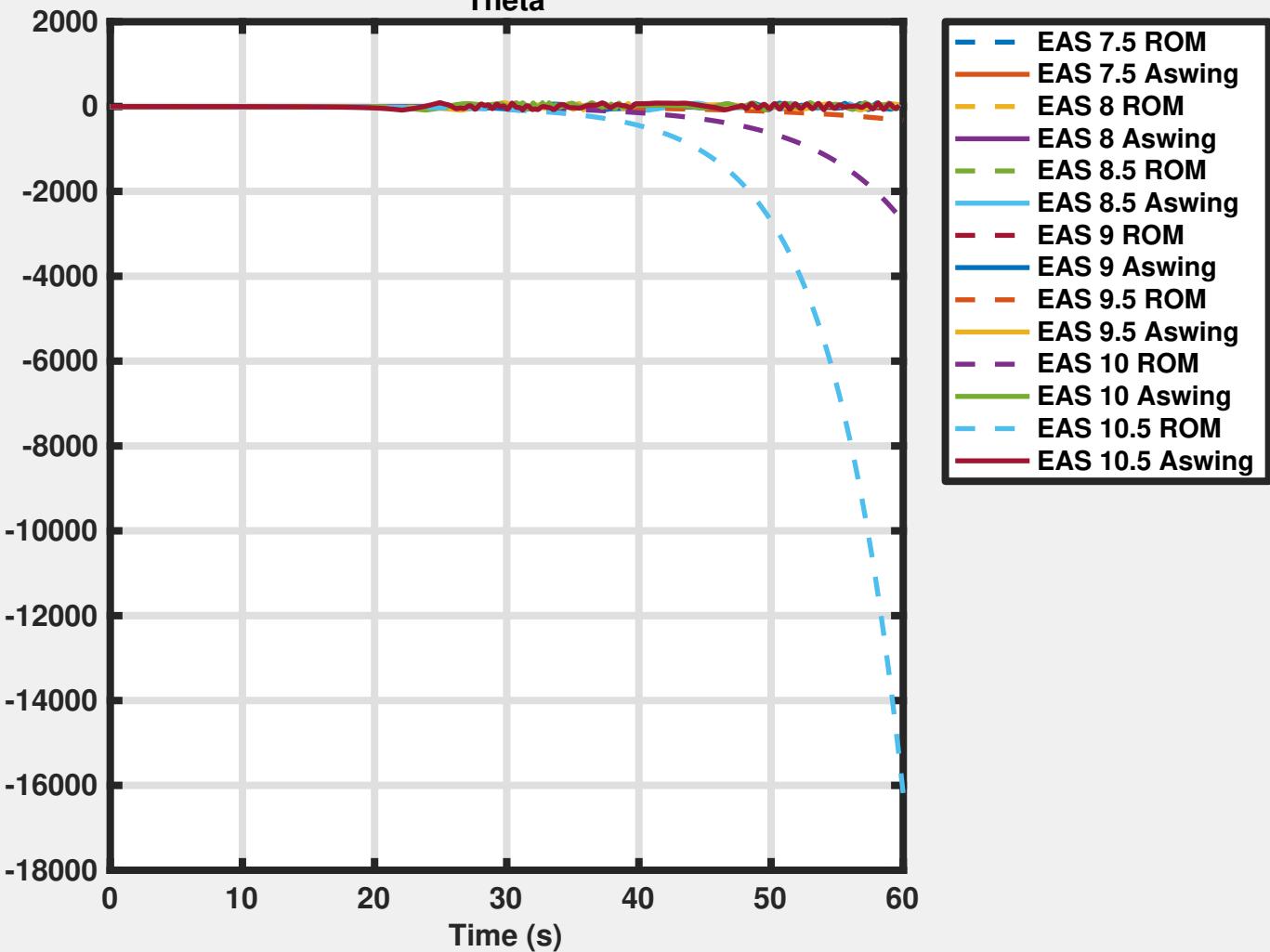
Elevator + 0.1 to V



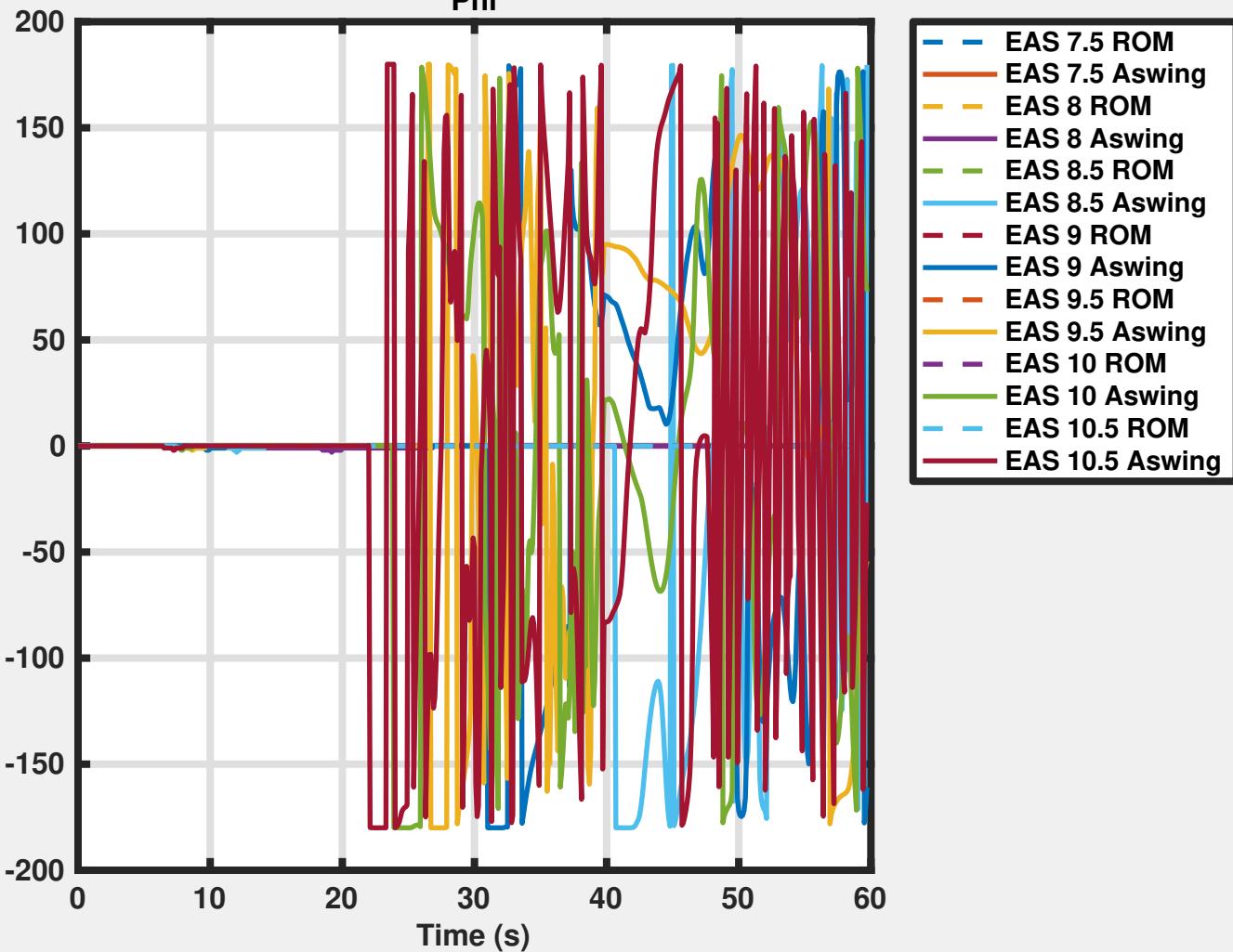
Elevator + 0.1 to Psi



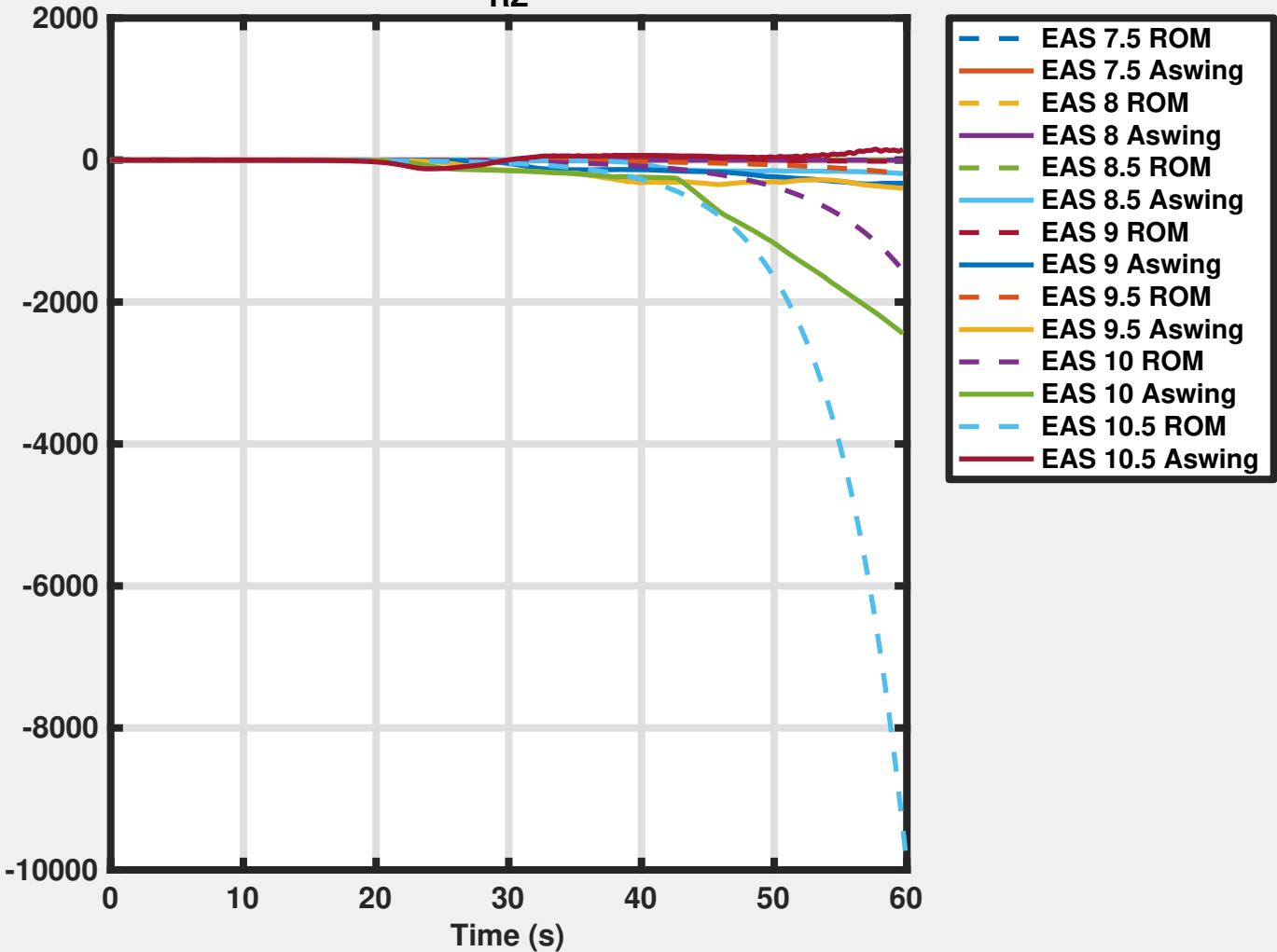
Elevator + 0.1 to
Theta



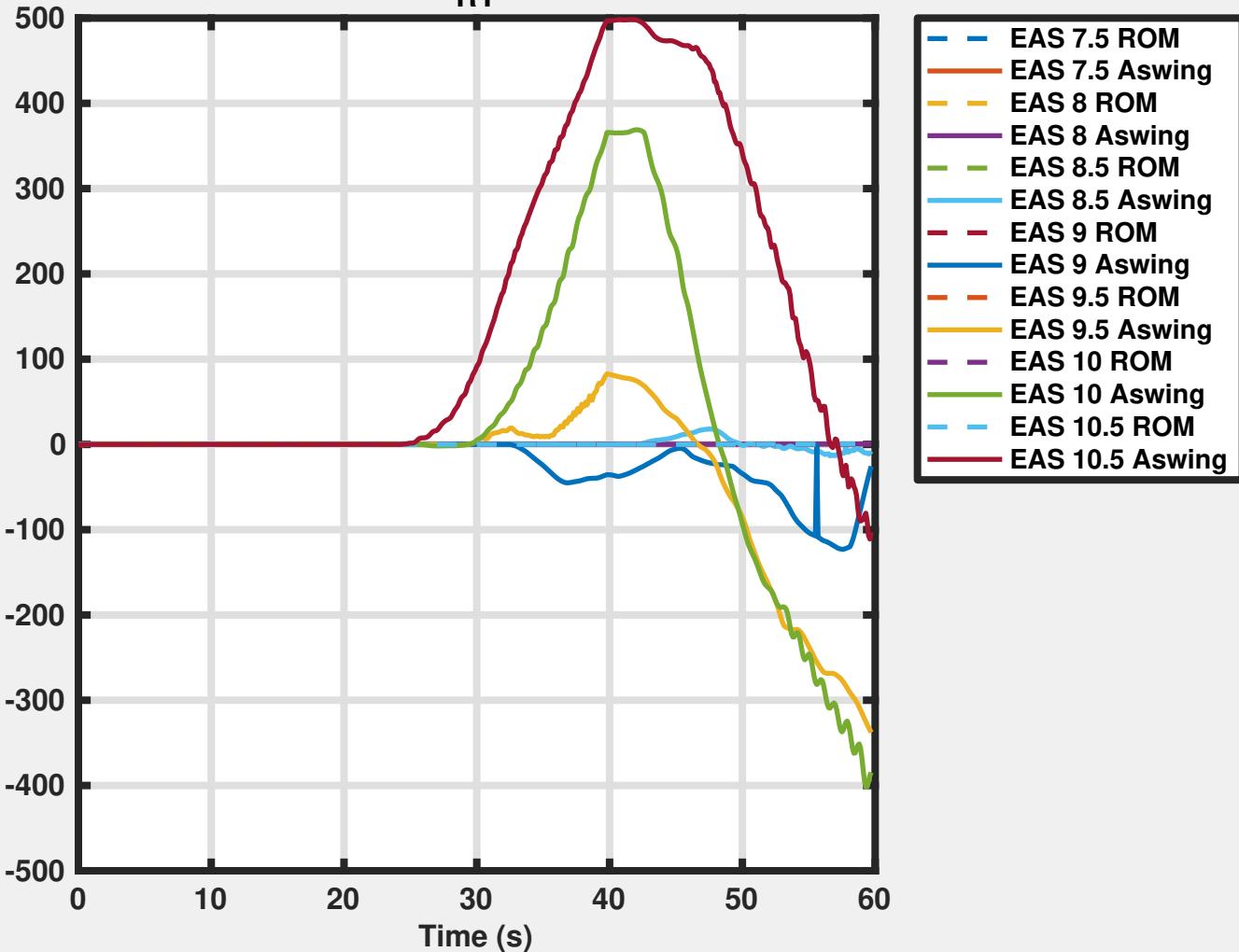
Elevator + 0.1 to
Phi



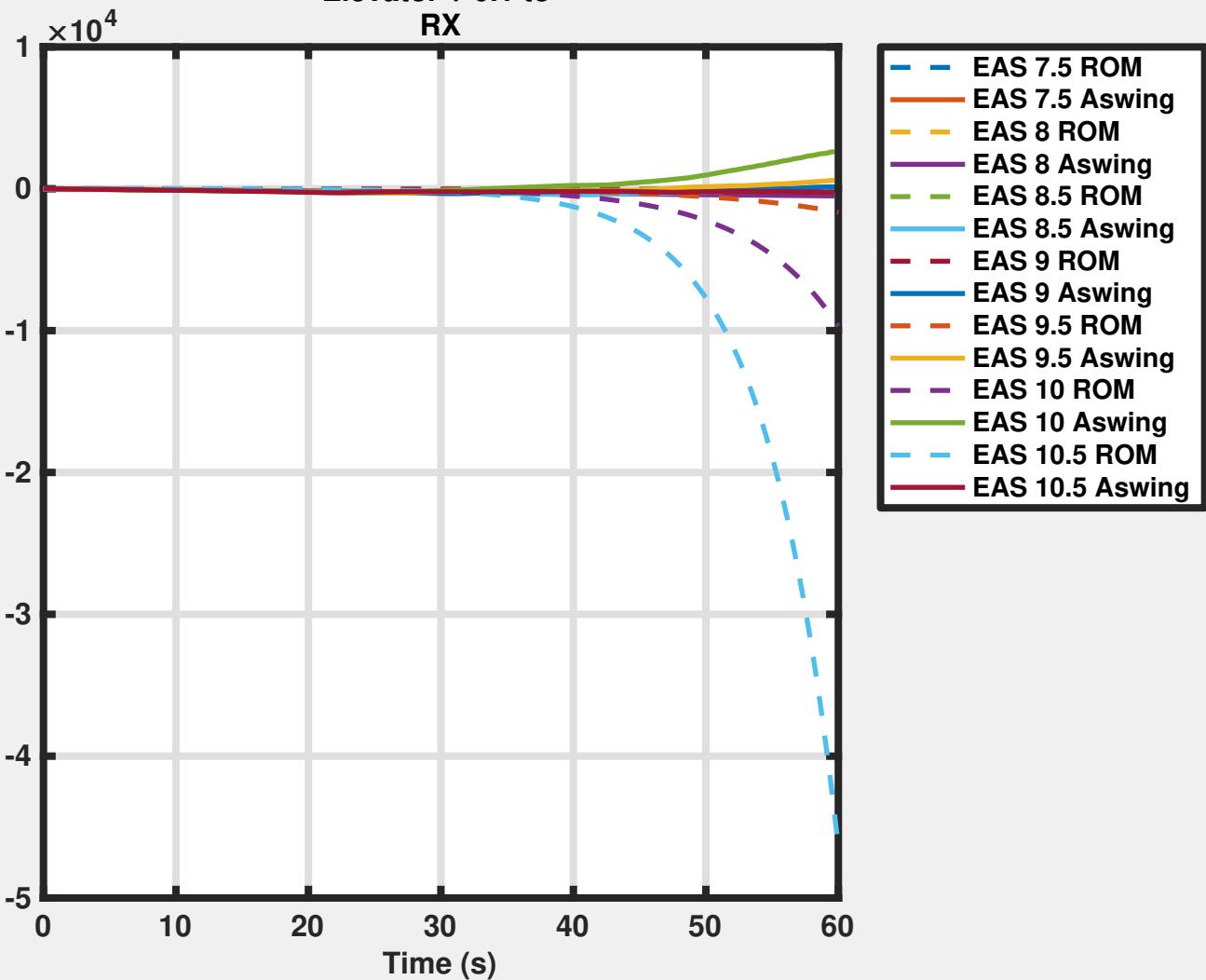
Elevator + 0.1 to RZ



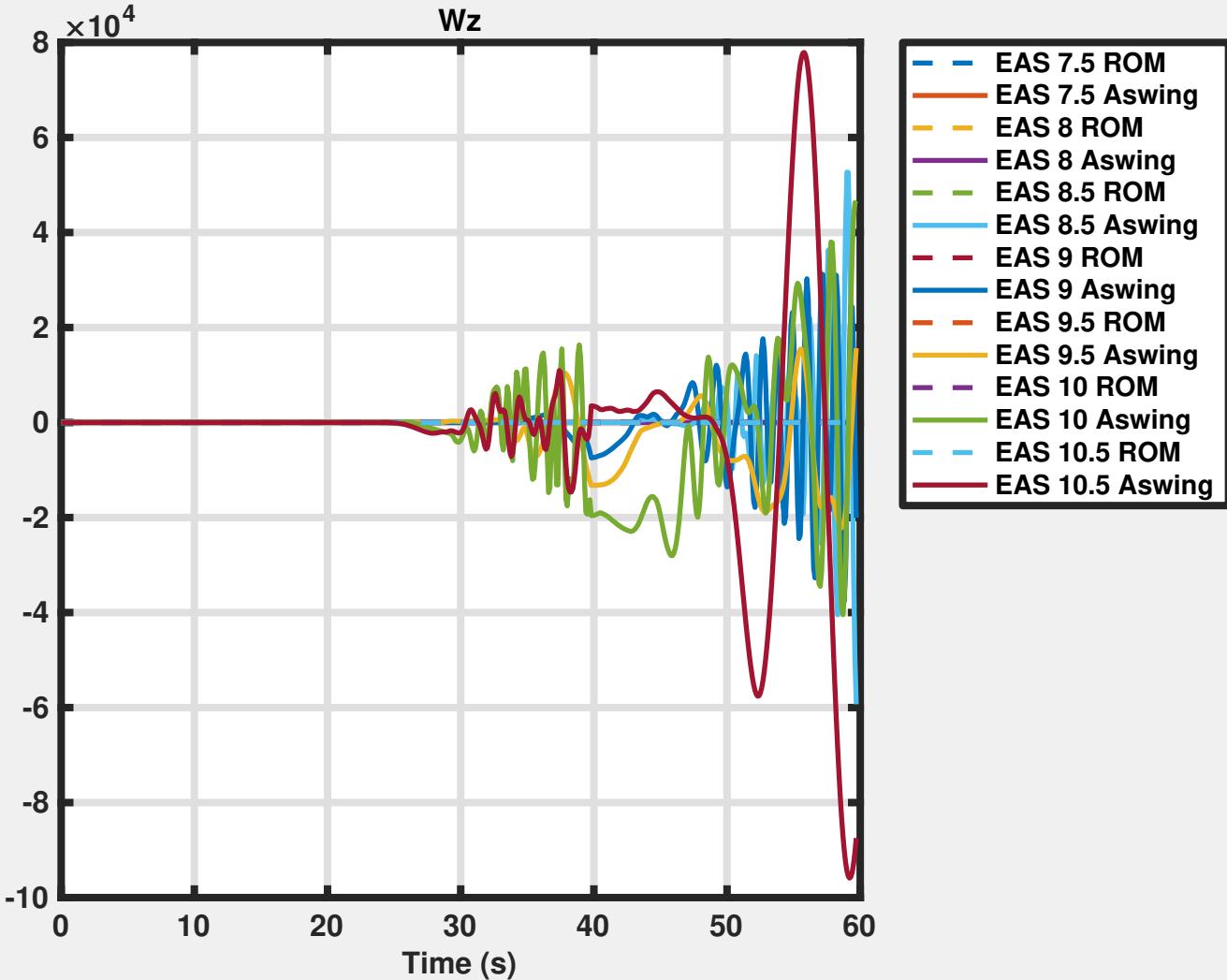
Elevator + 0.1 to
RY



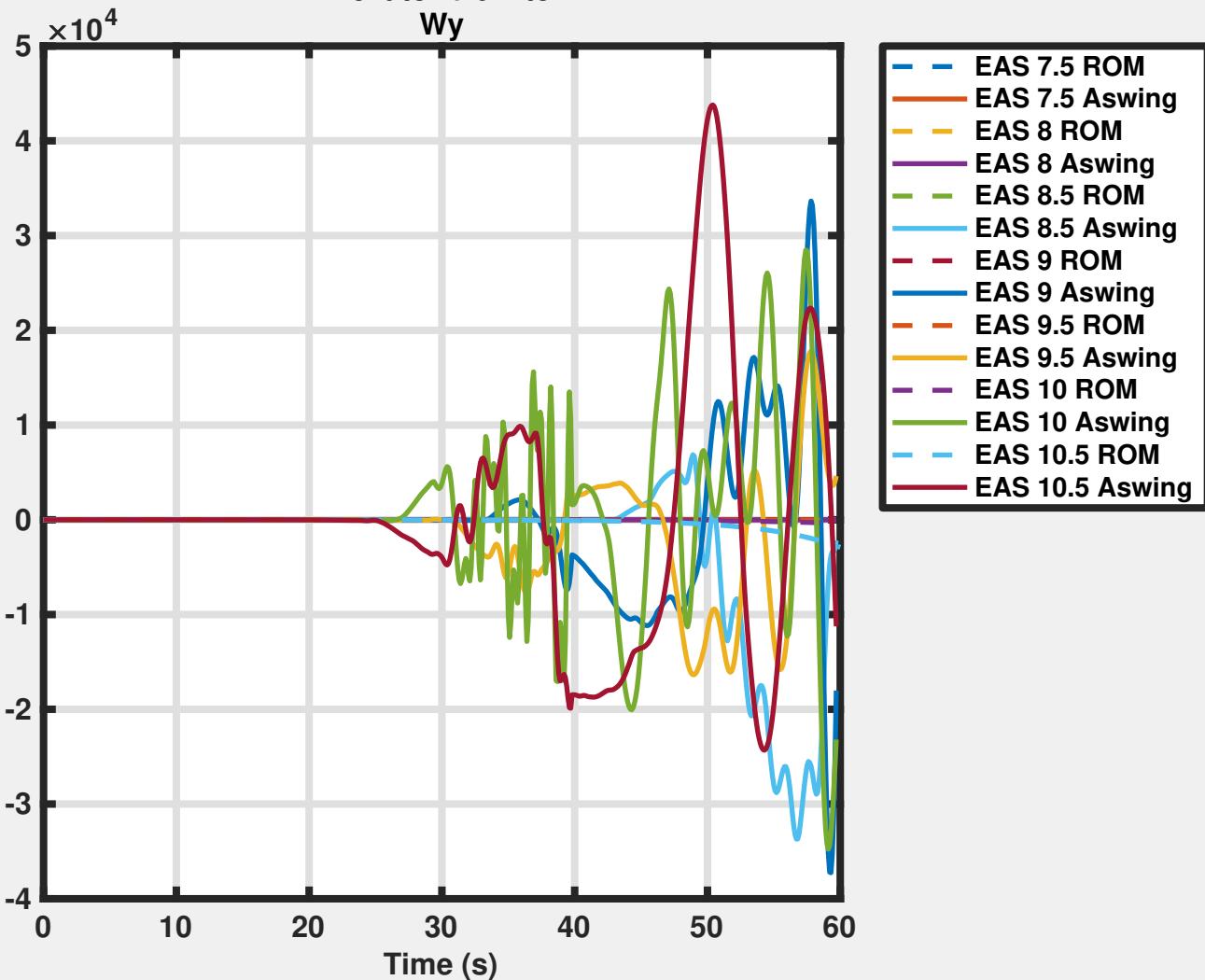
Elevator + 0.1 to RX



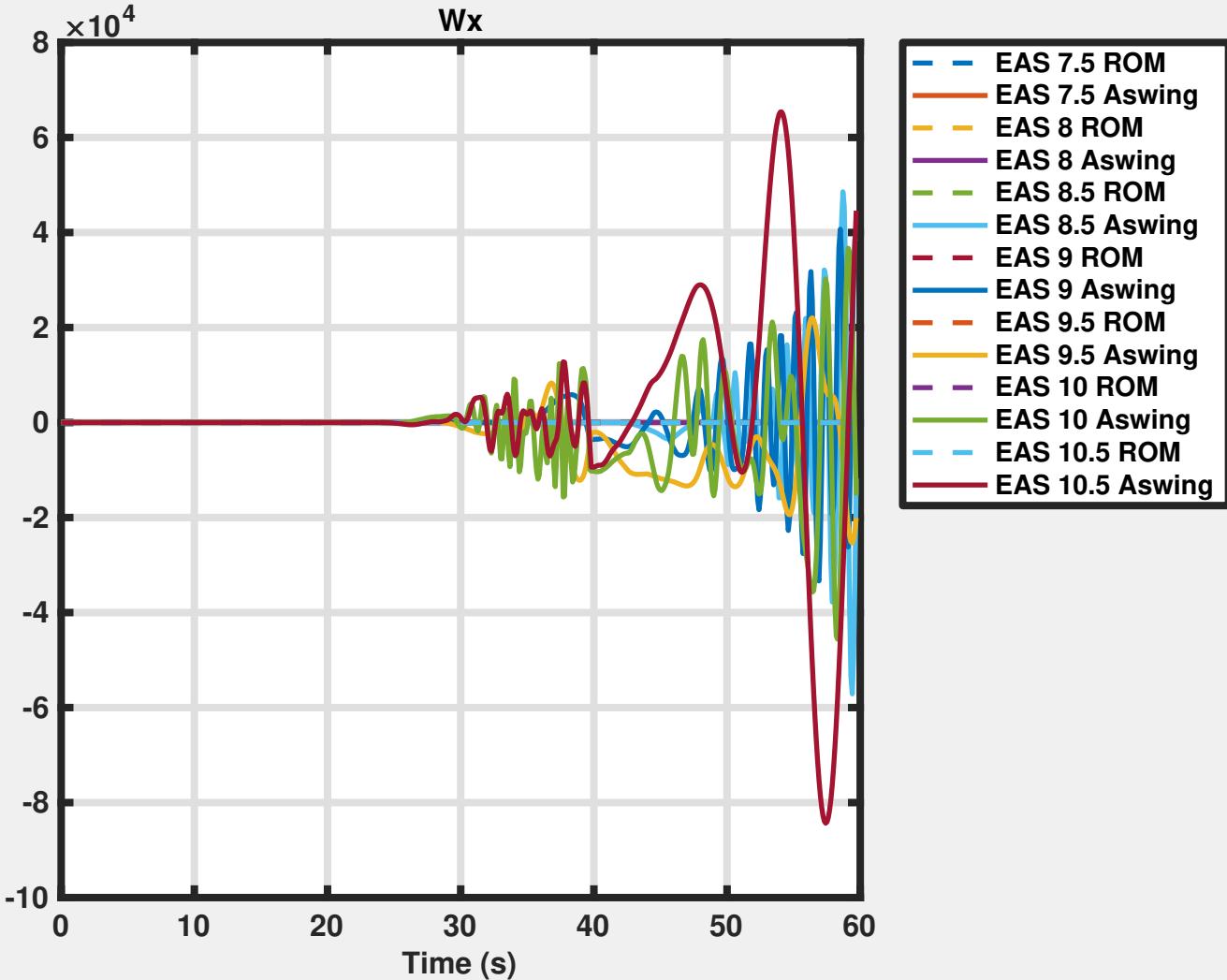
Elevator + 0.1 to
Wz



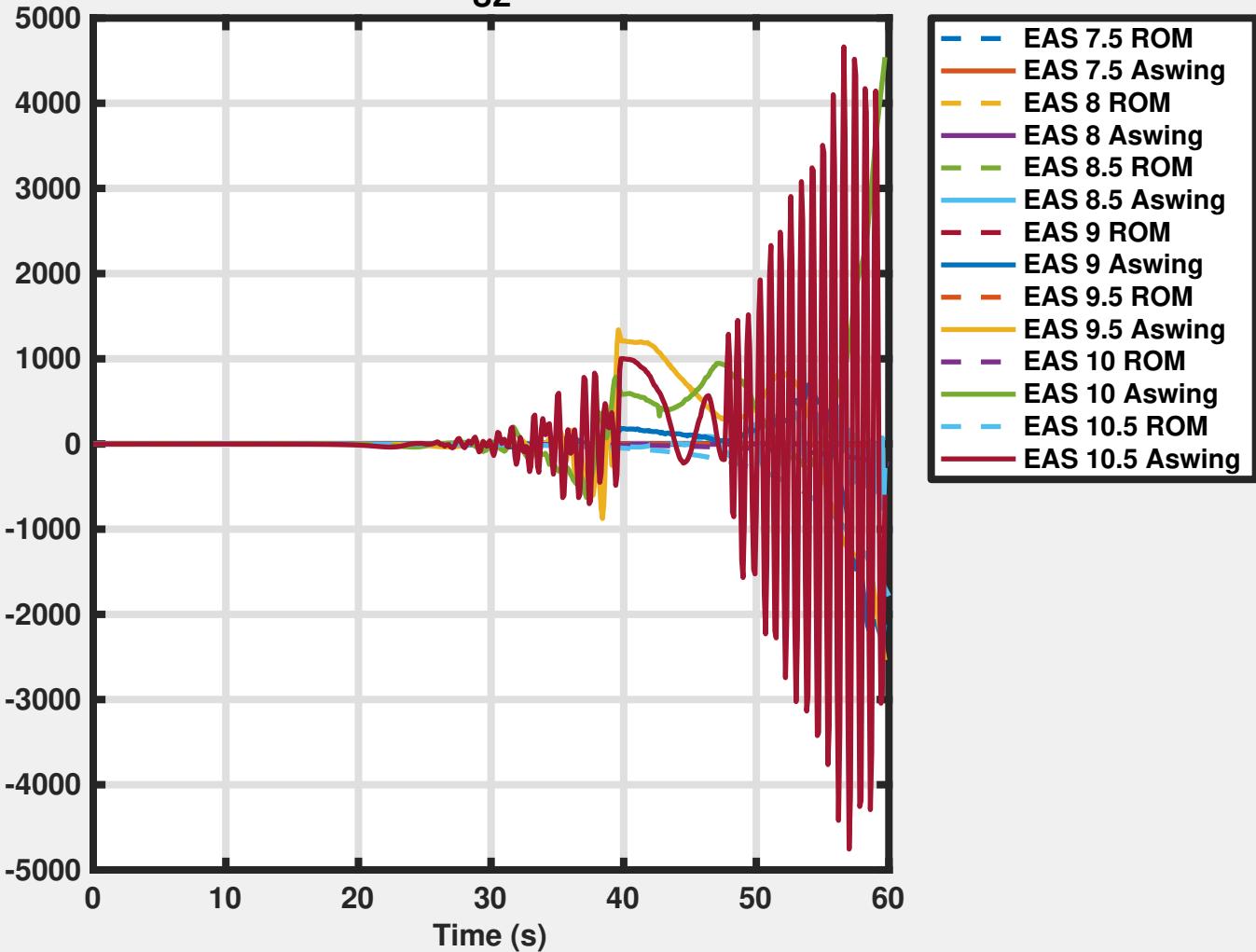
Elevator + 0.1 to
Wy



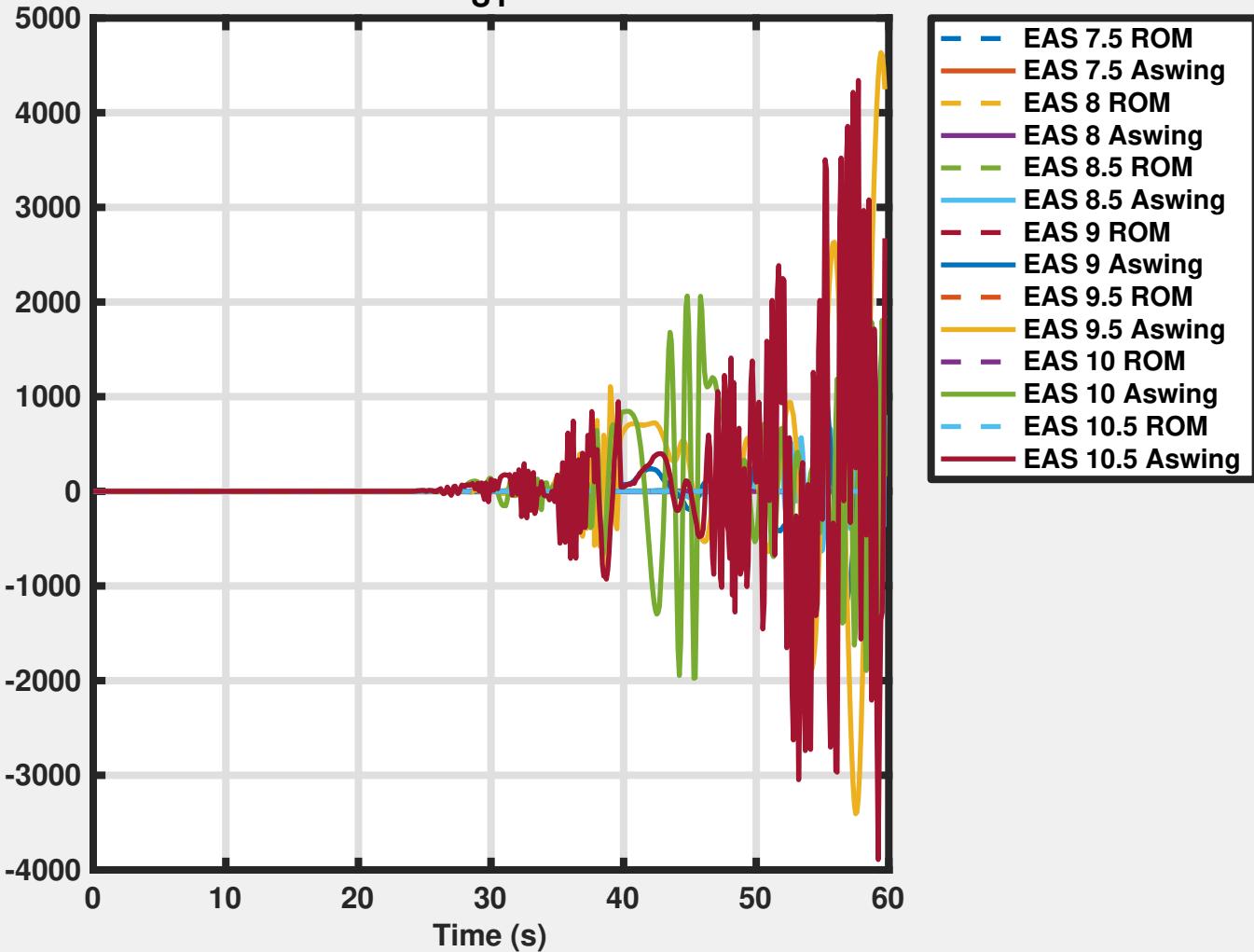
Elevator + 0.1 to
Wx



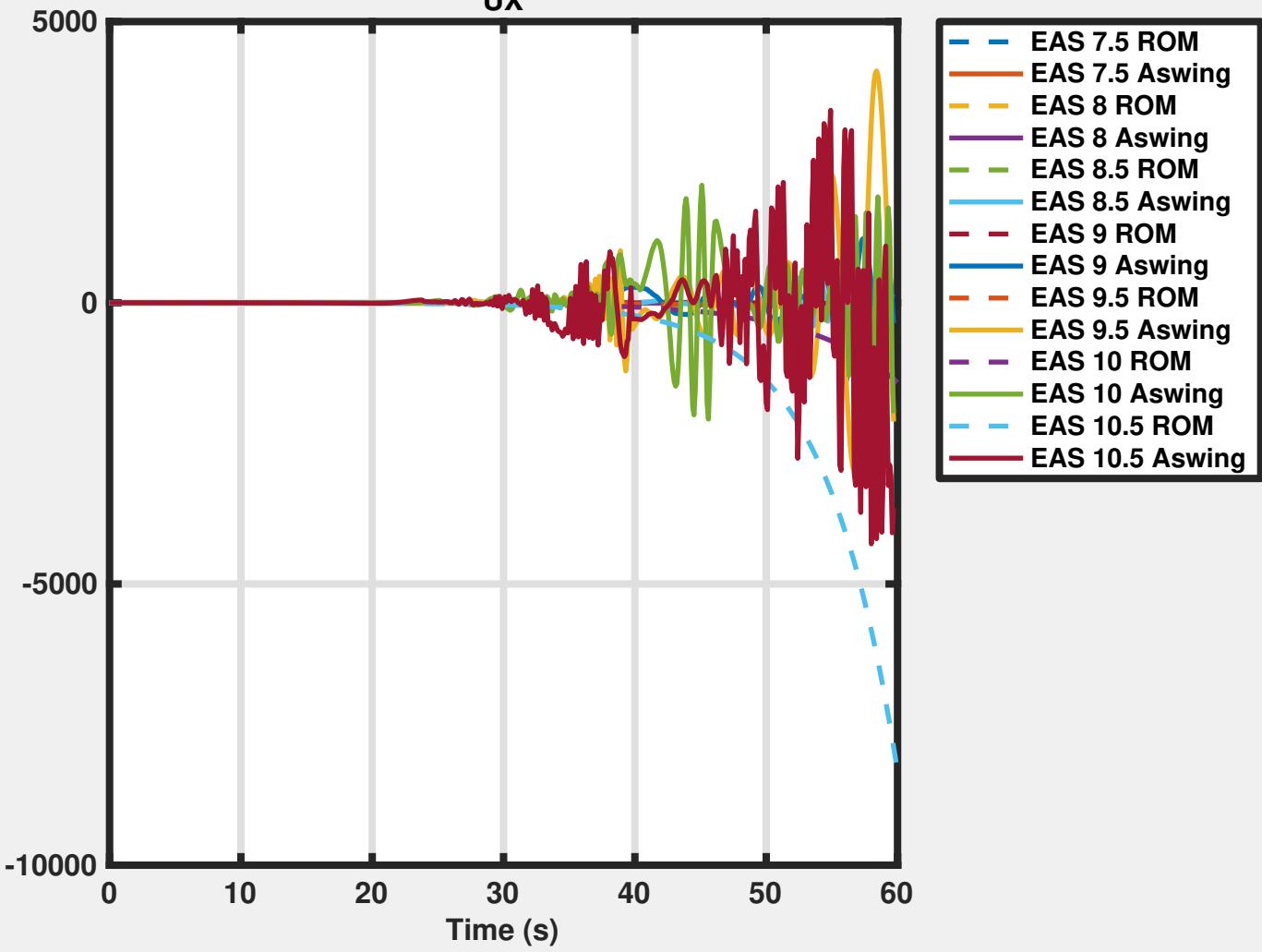
Elevator + 0.1 to UZ



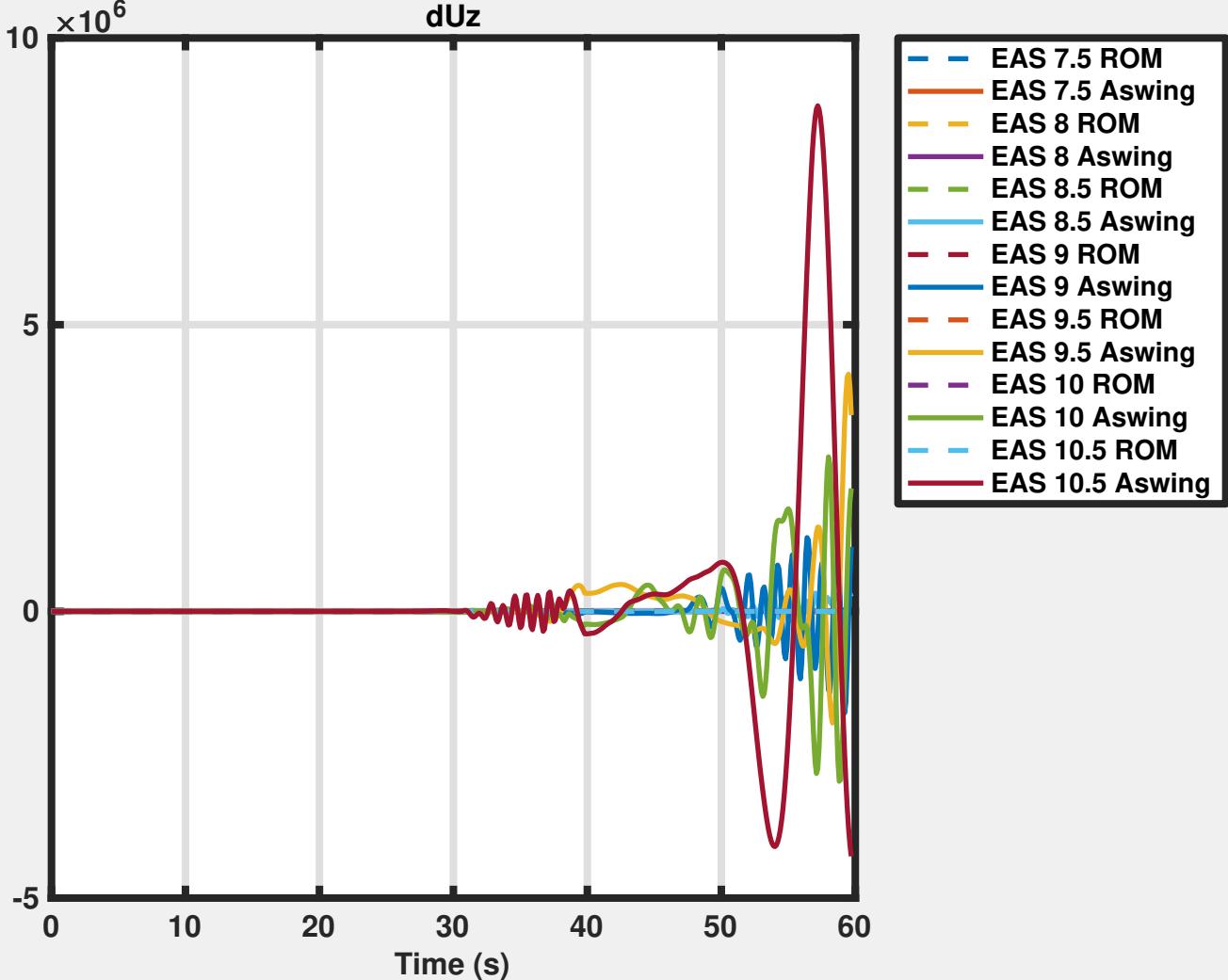
Elevator + 0.1 to UY



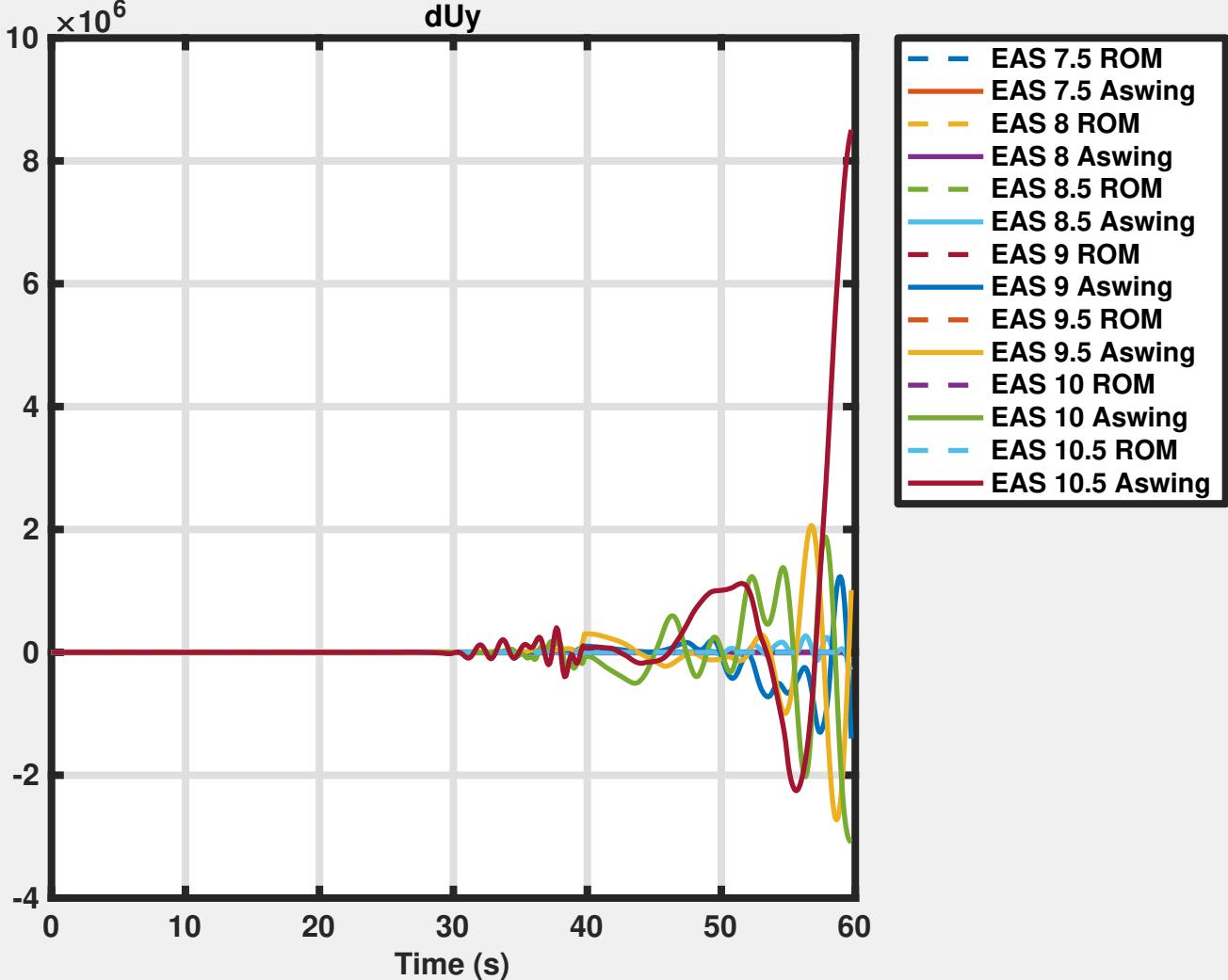
Elevator + 0.1 to UX



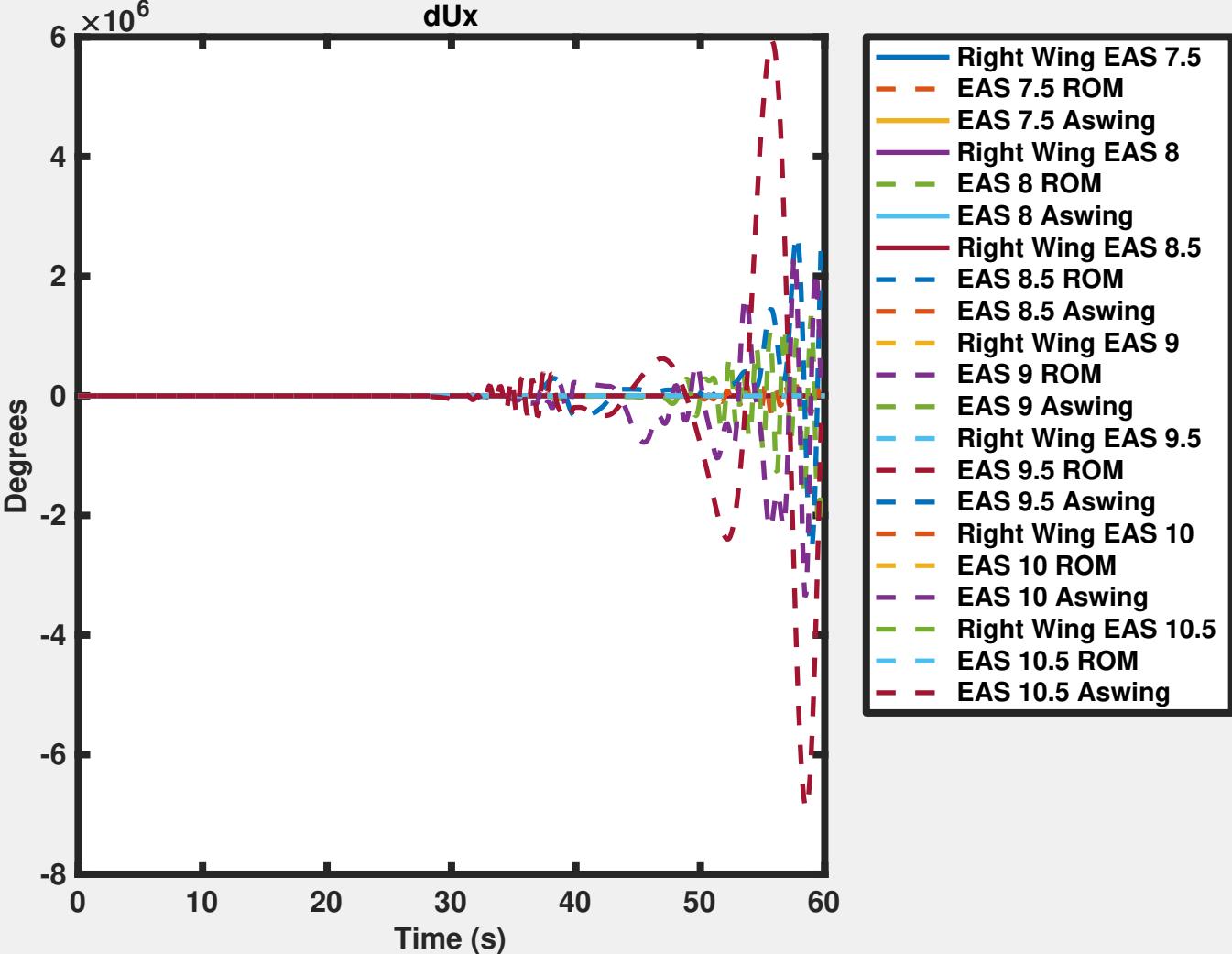
Elevator + 0.1 to dUz



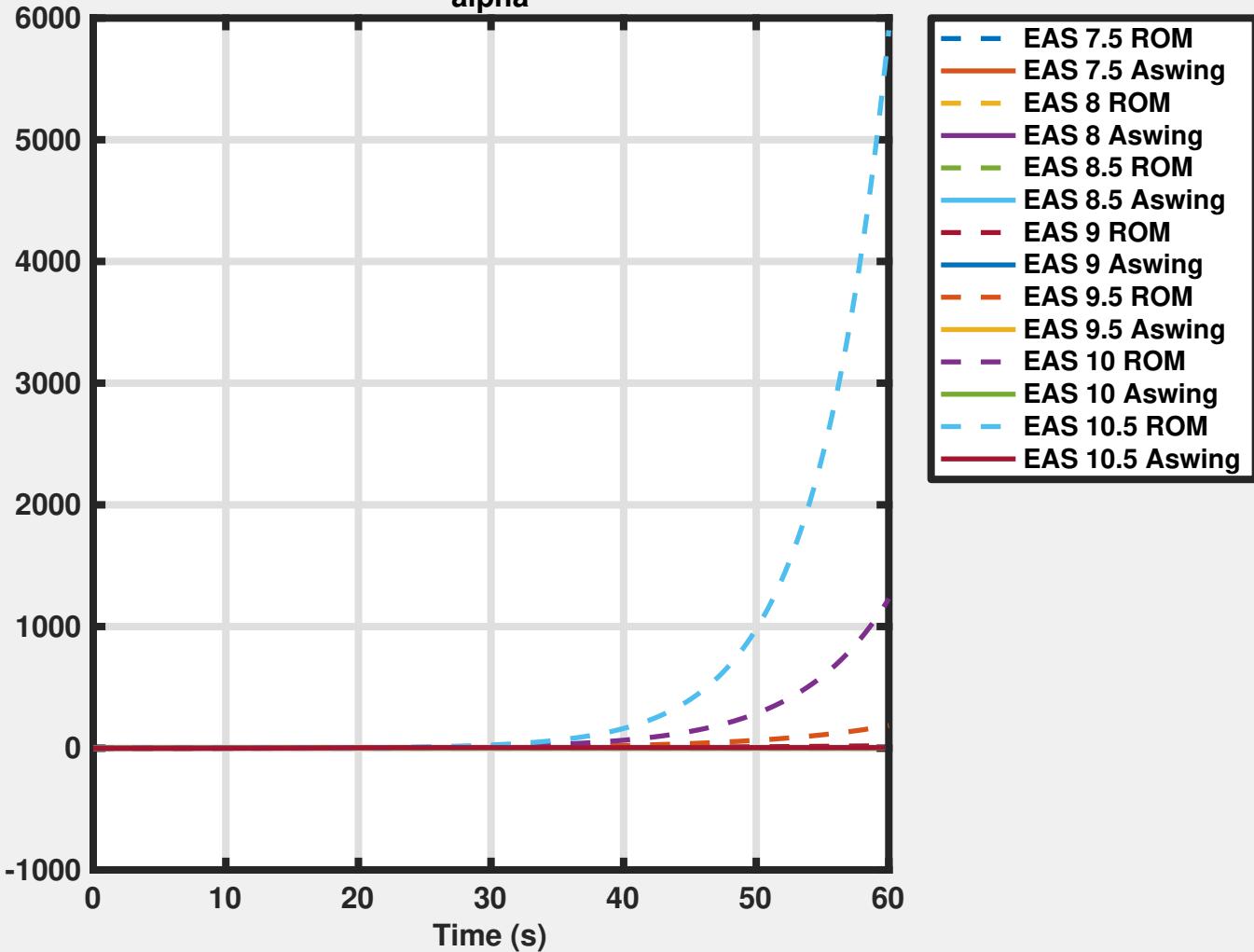
Elevator + 0.1 to dUy



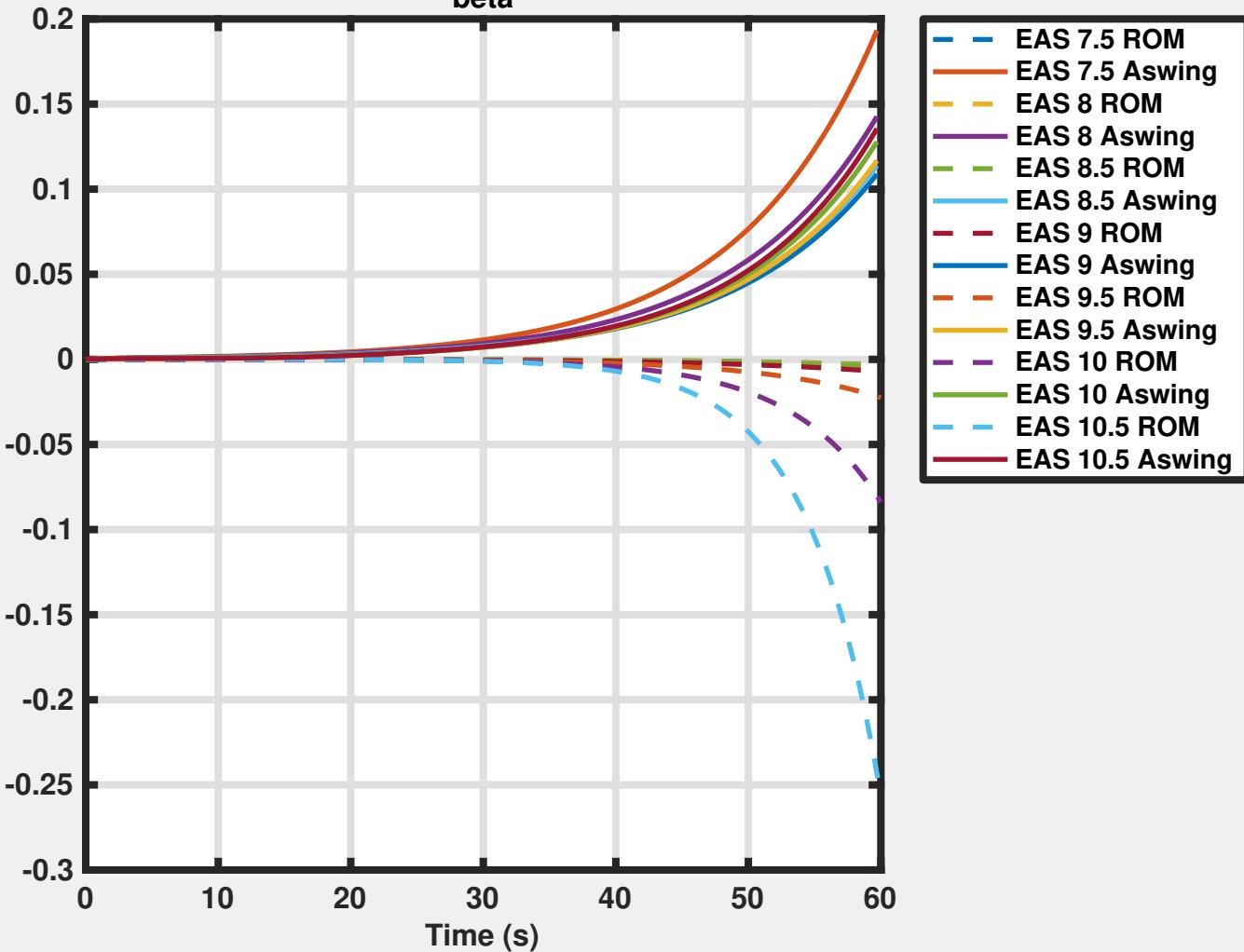
Elevator + 0.1 to
dUx



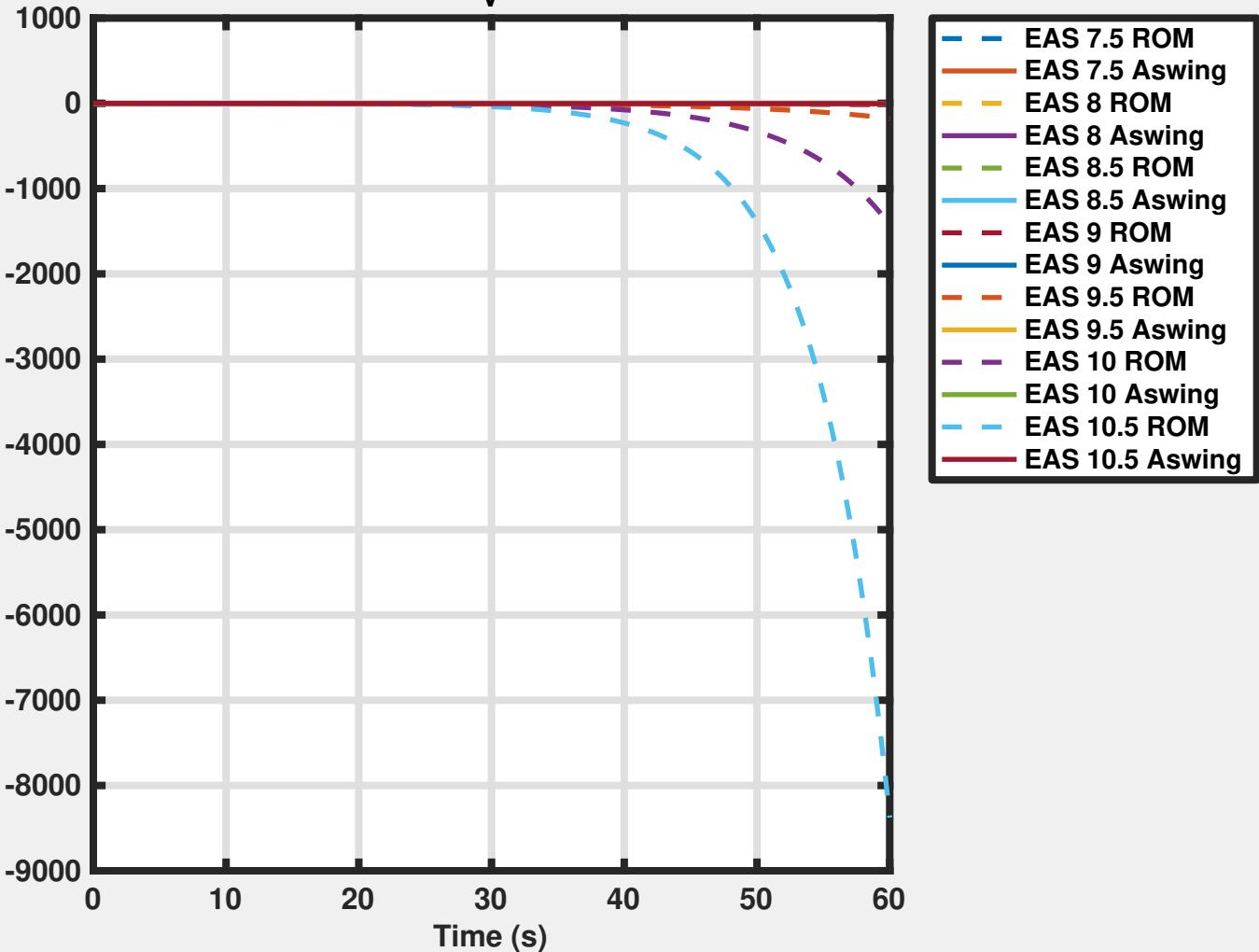
Elevator - 0.1 to alpha



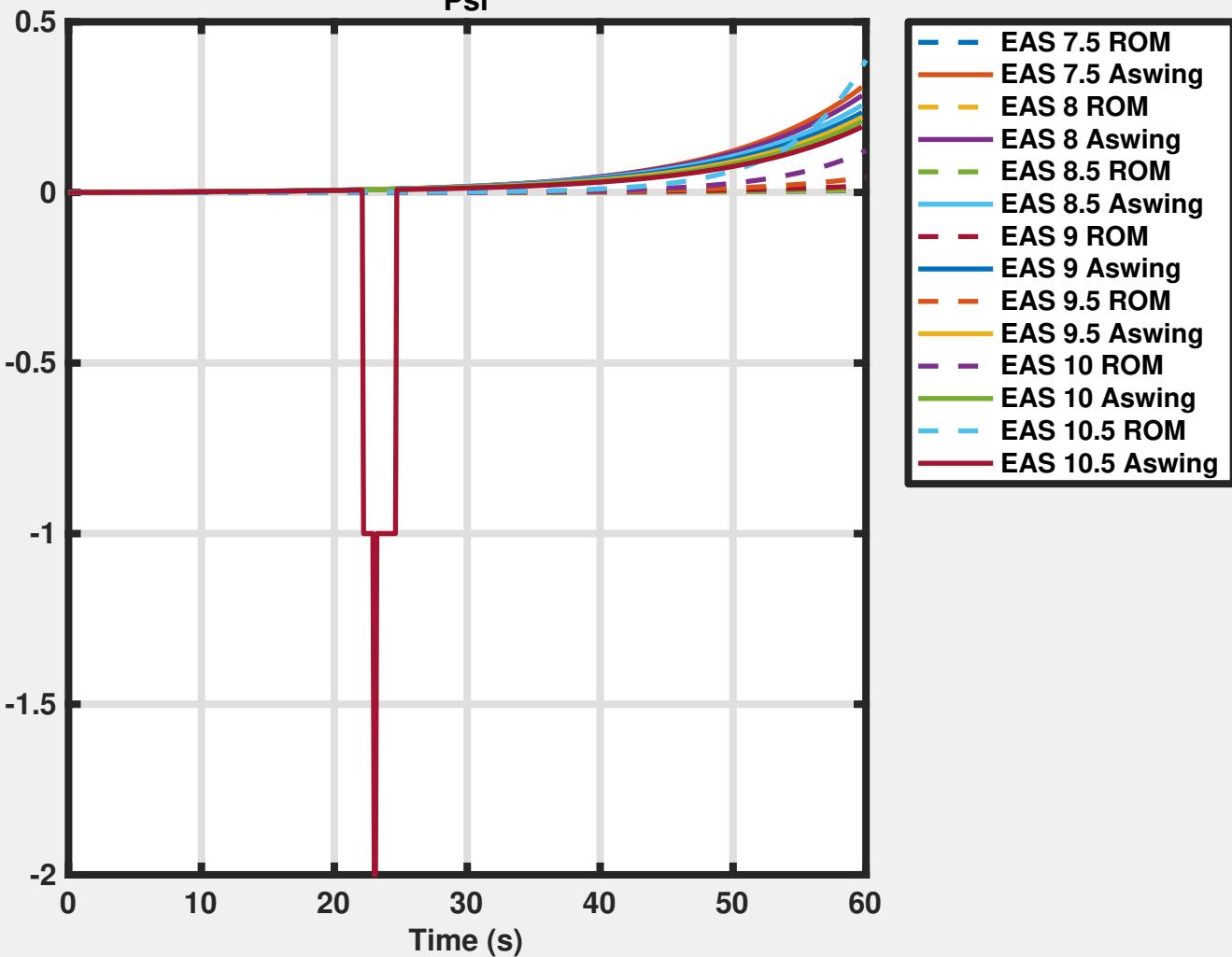
Elevator - 0.1 to beta



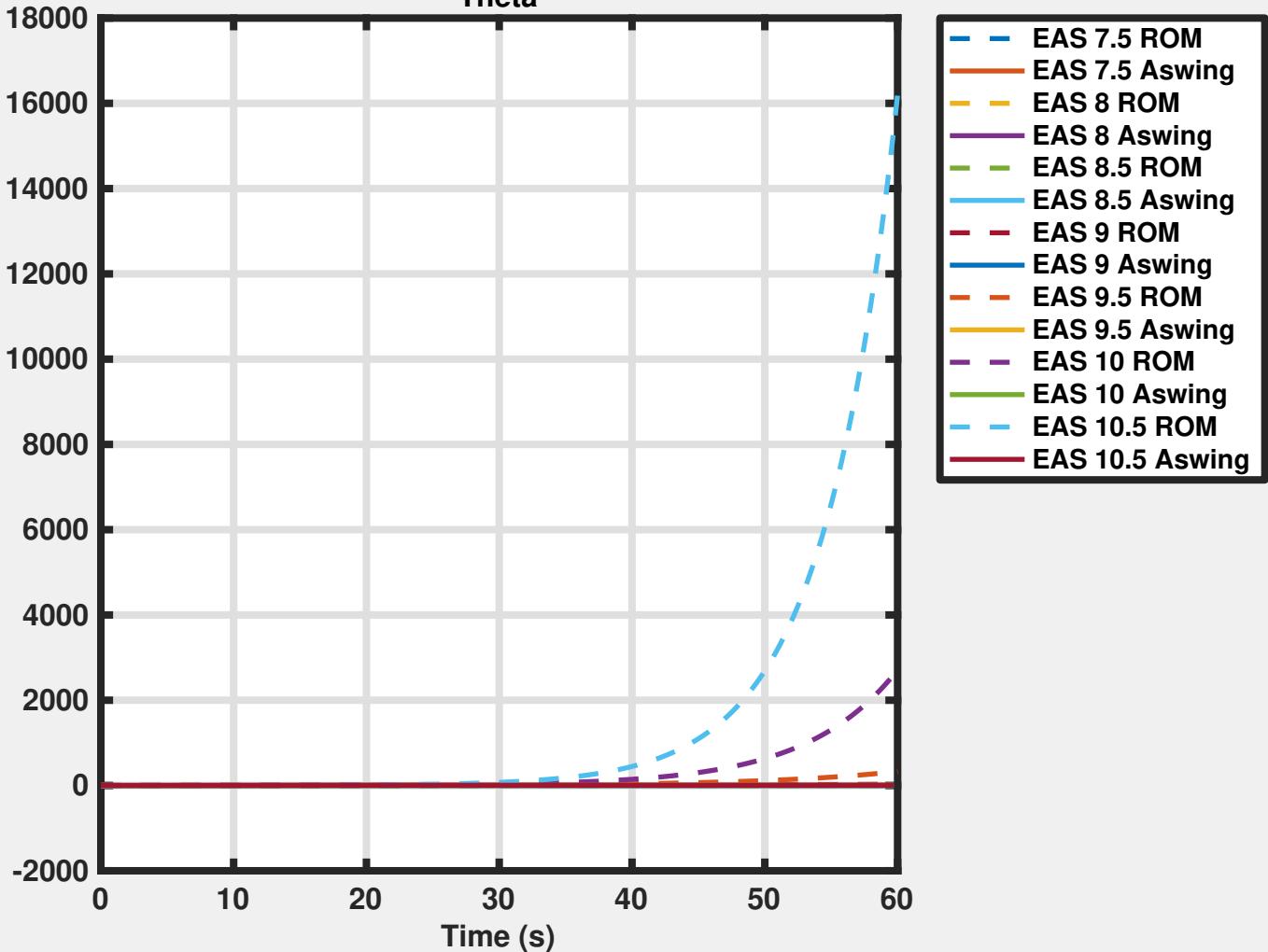
Elevator - 0.1 to V



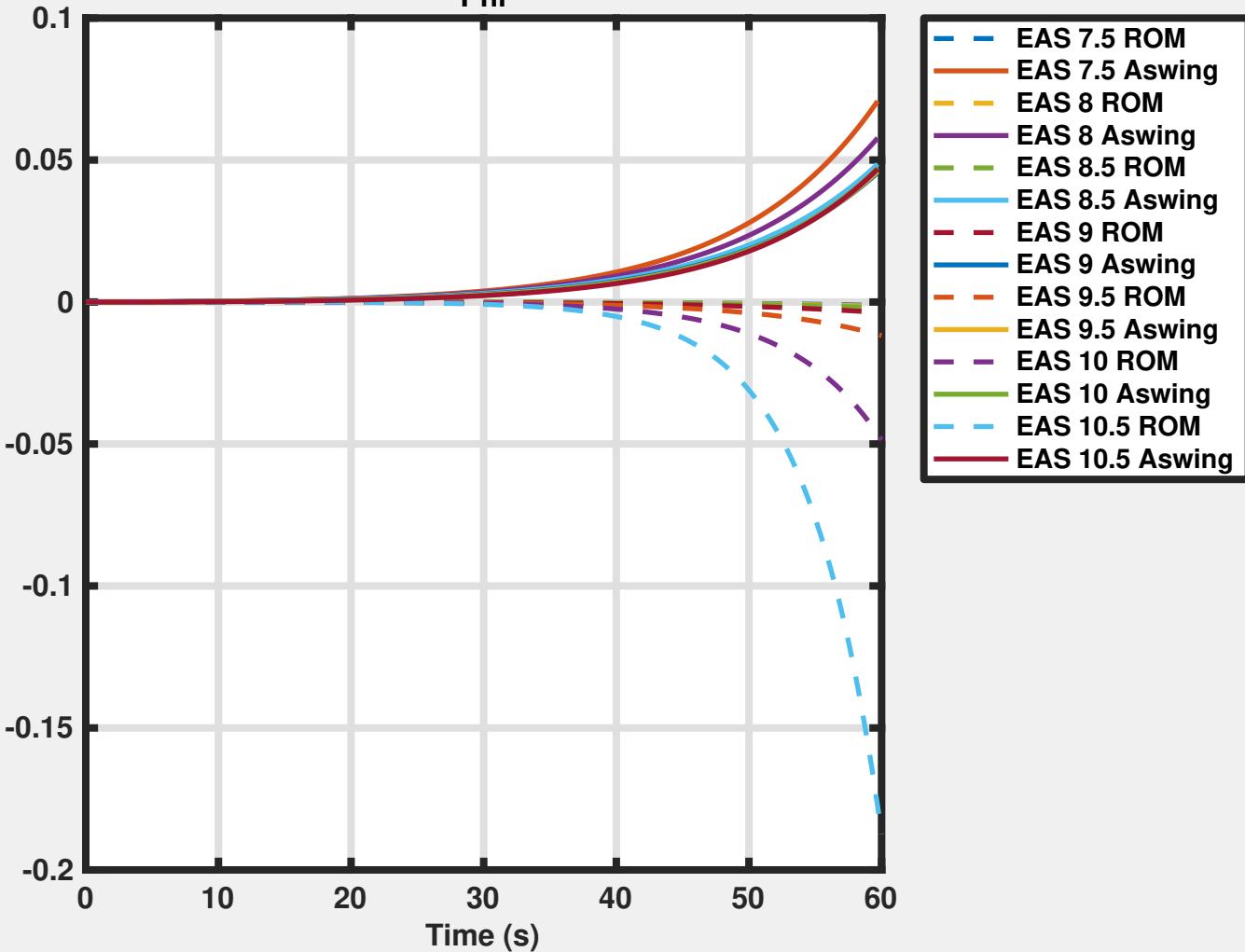
Elevator - 0.1 to Psi



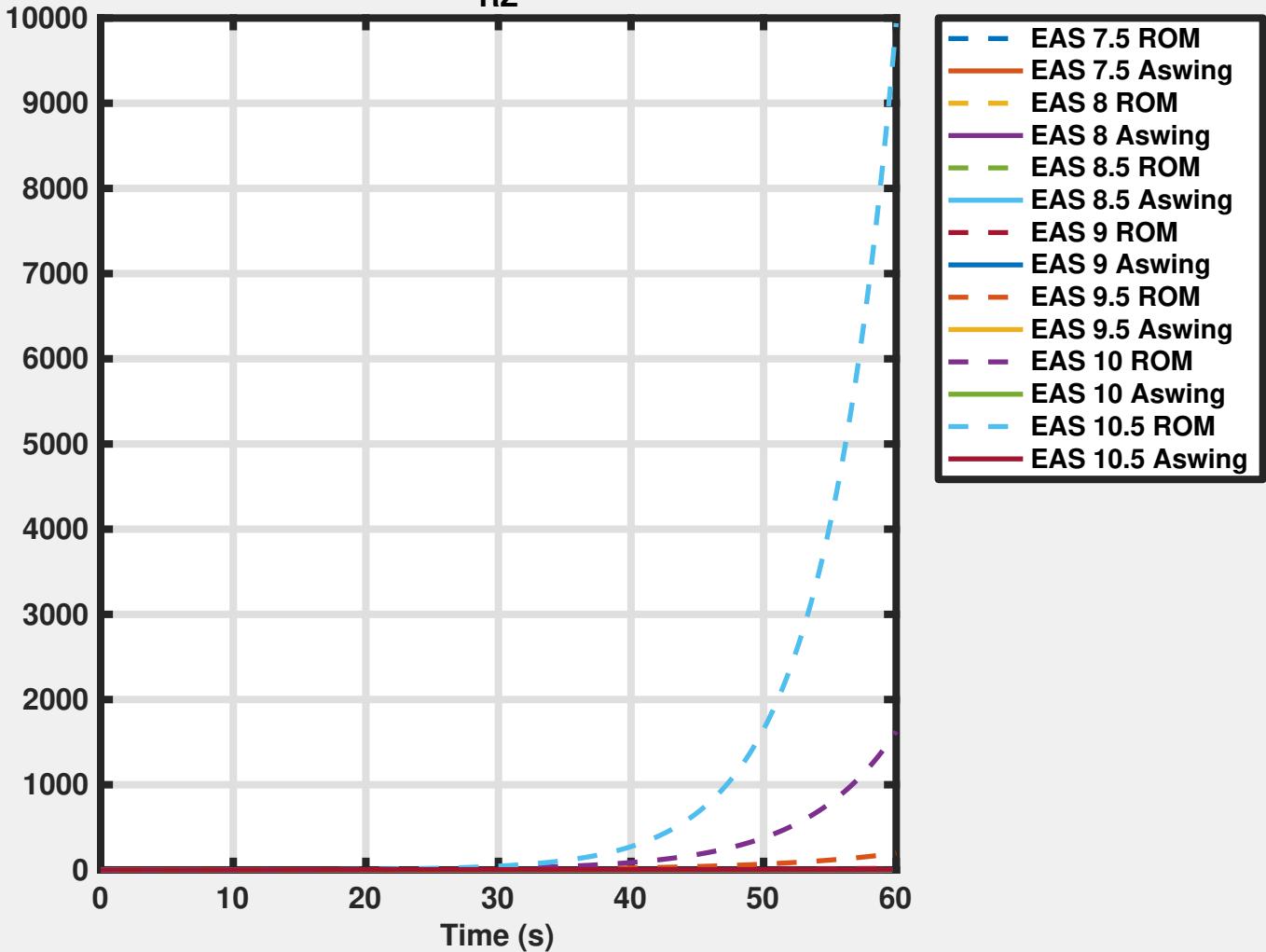
Elevator - 0.1 to Theta



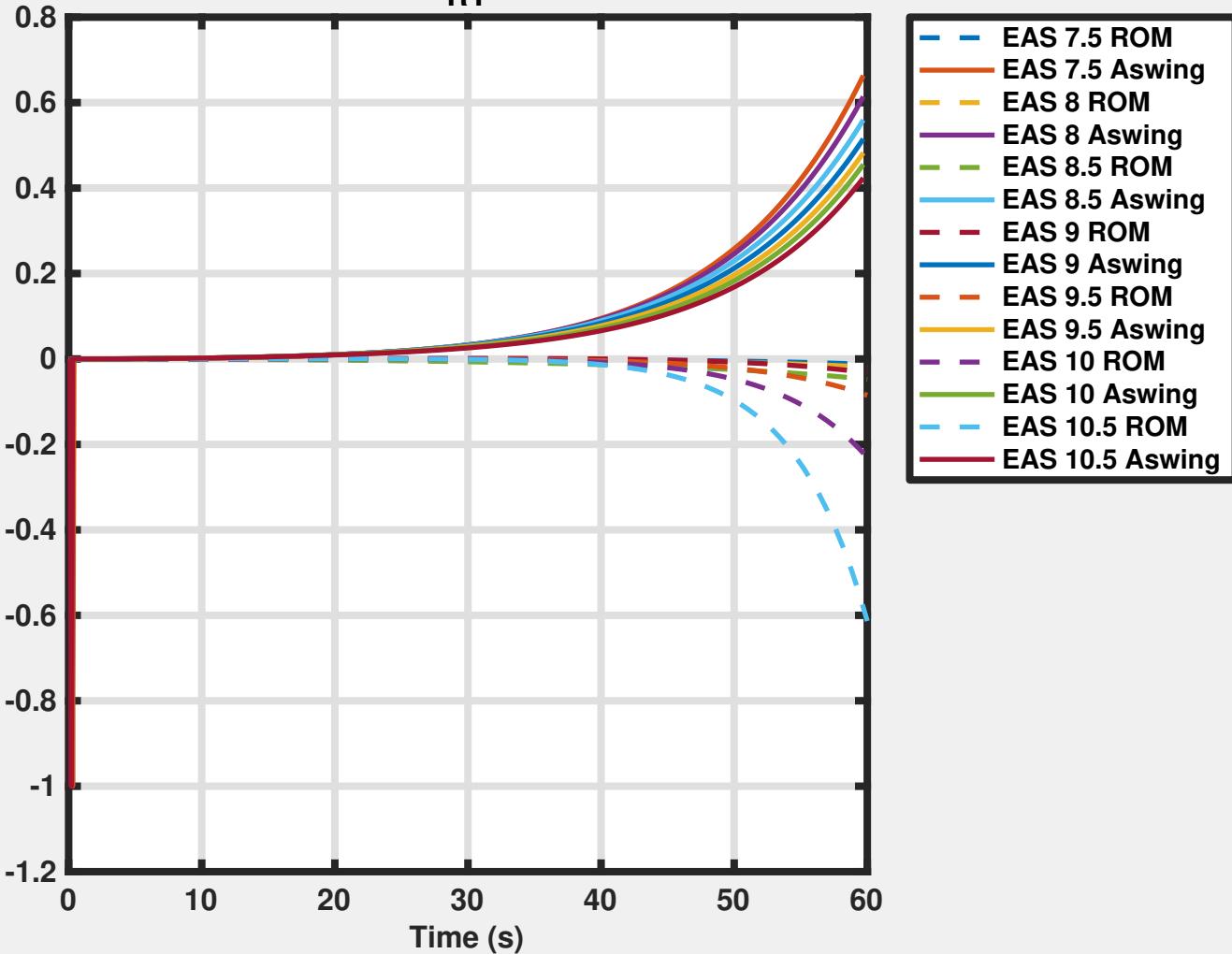
Elevator - 0.1 to
Phi



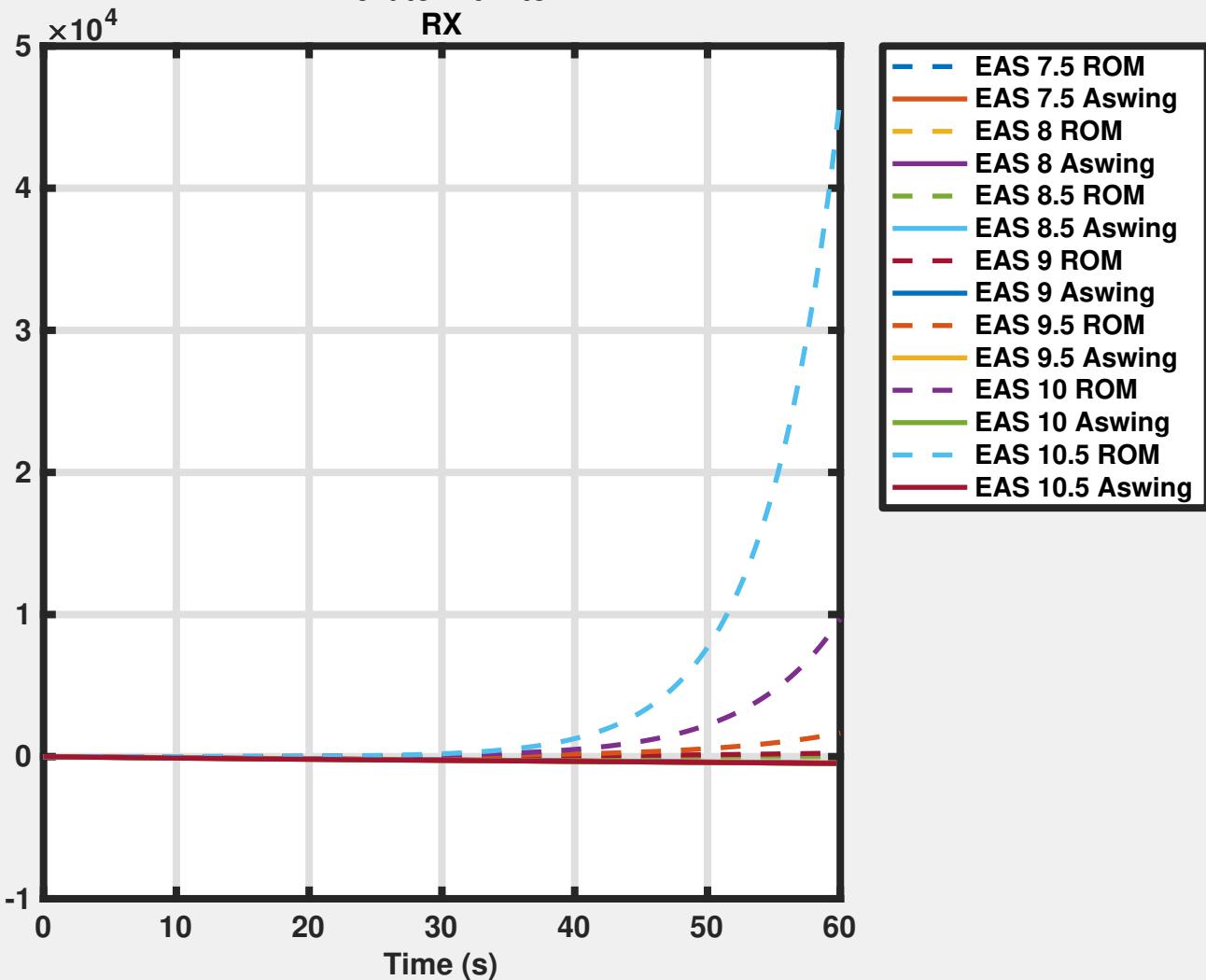
Elevator - 0.1 to RZ



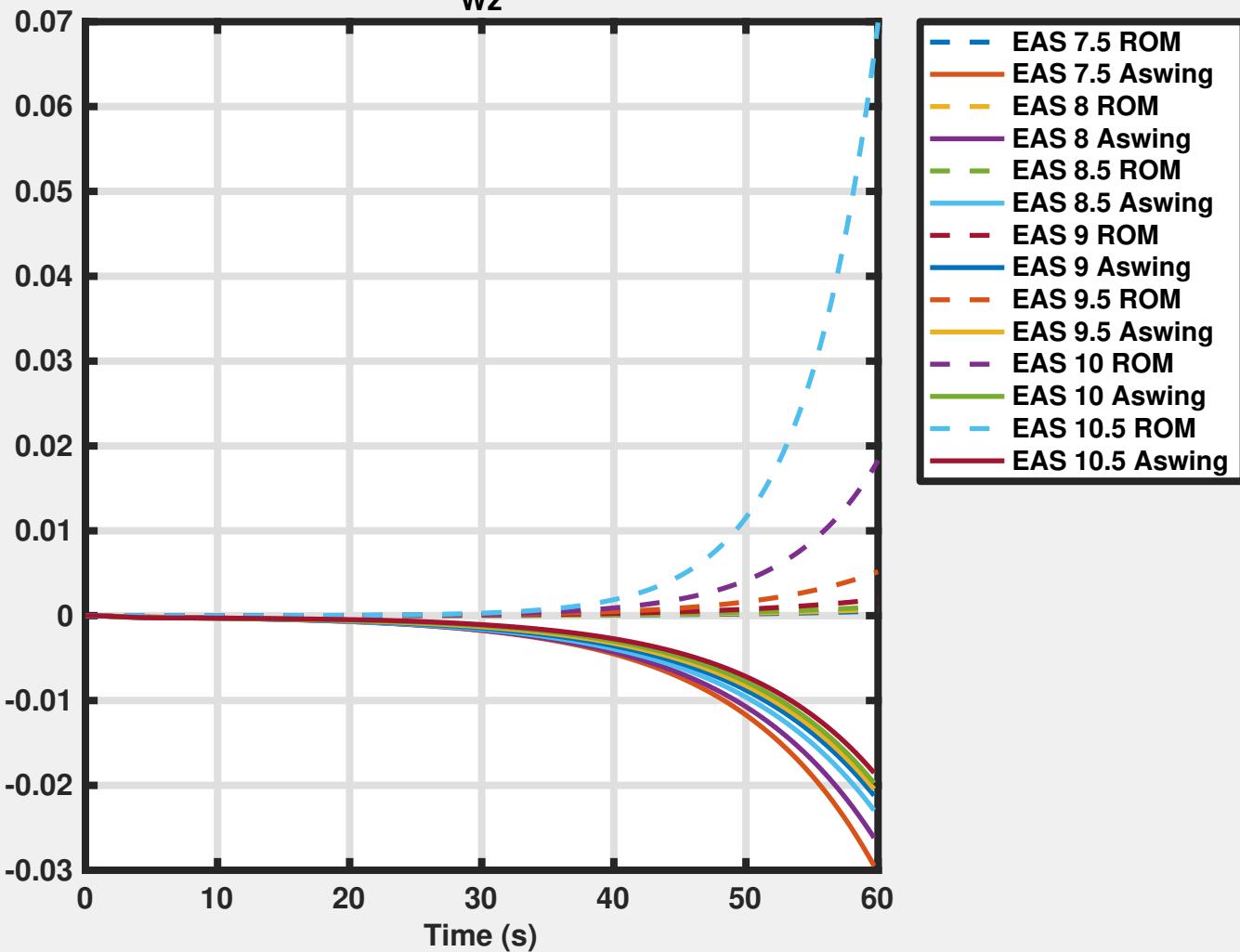
Elevator - 0.1 to RY



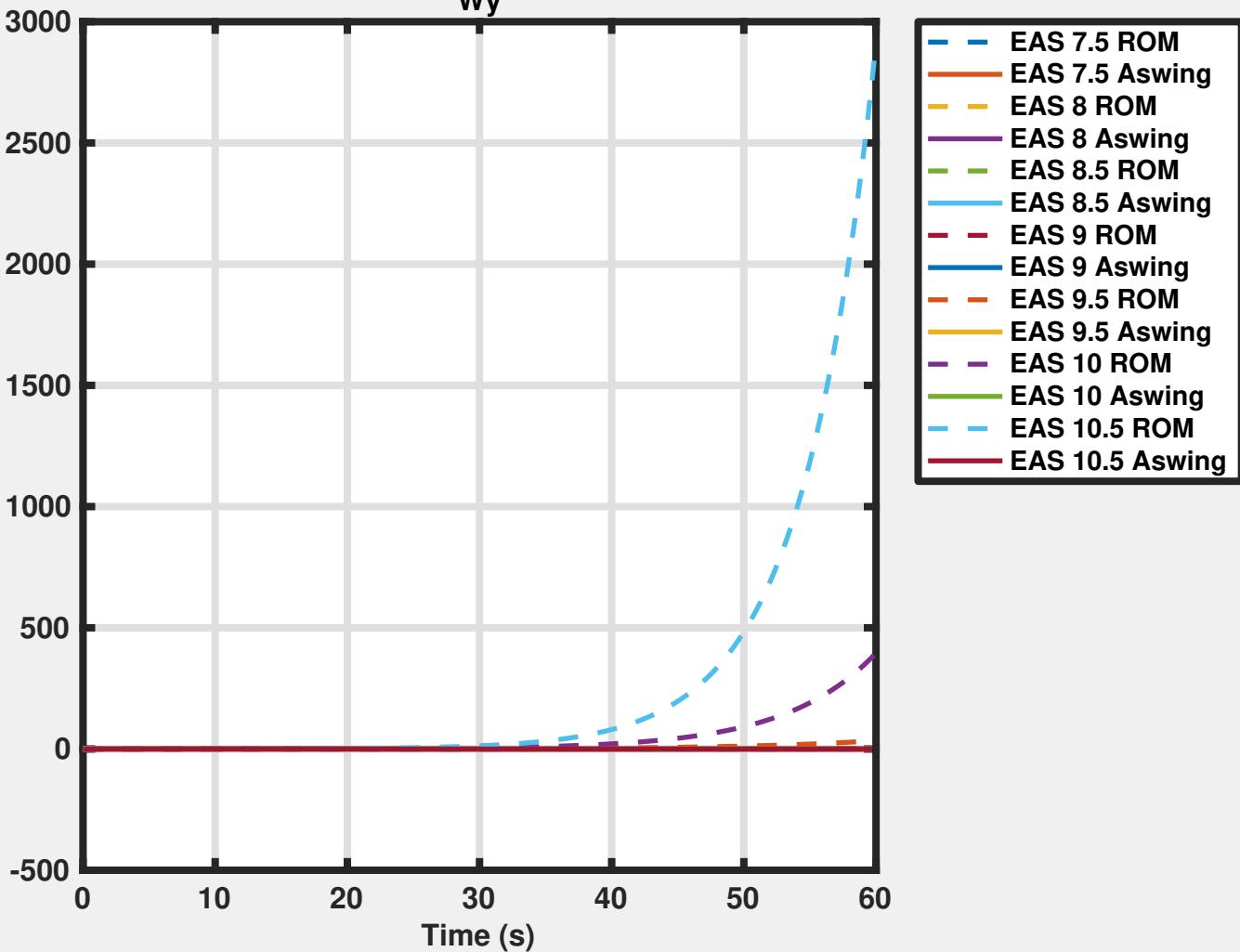
Elevator - 0.1 to RX



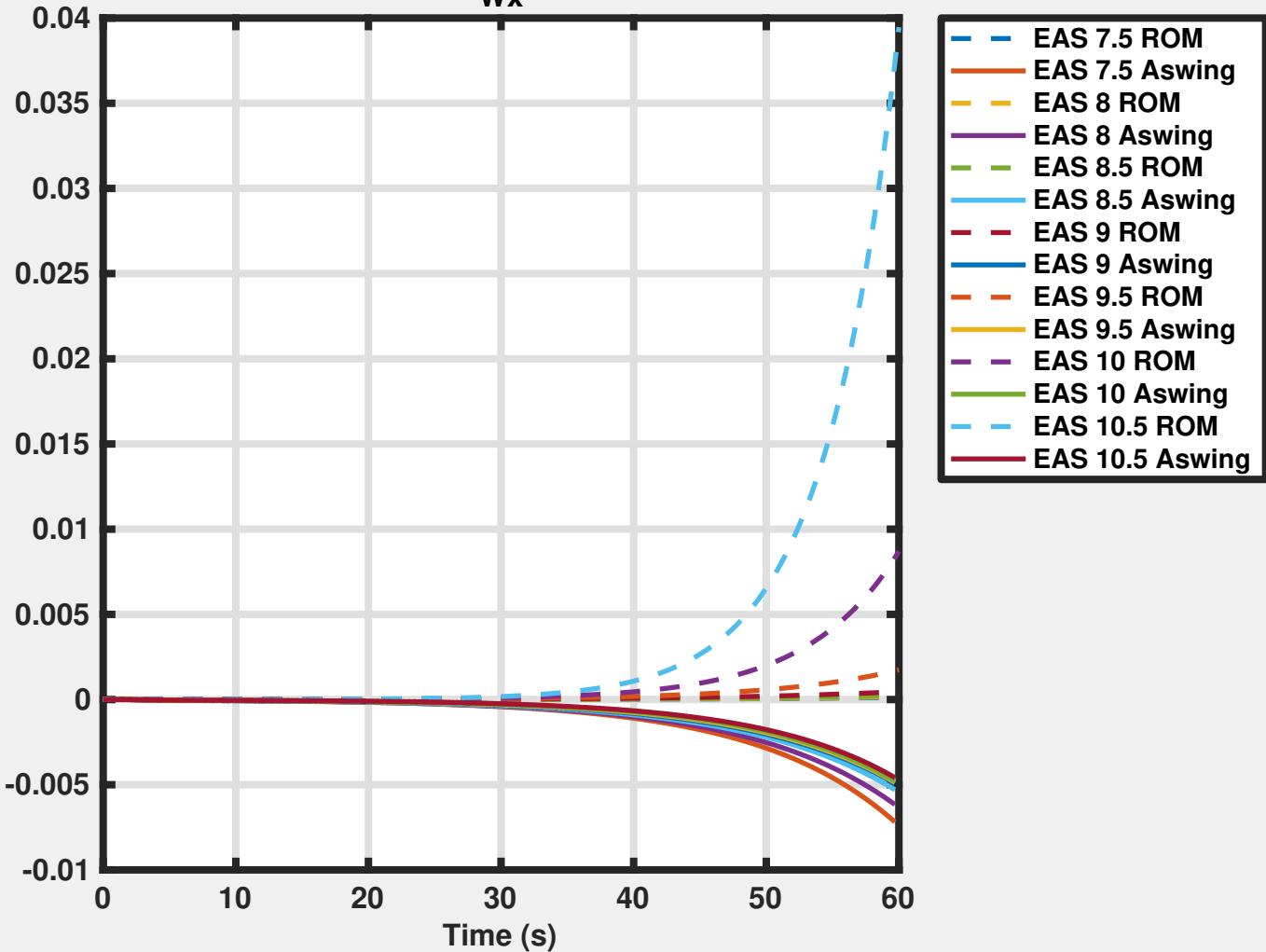
Elevator - 0.1 to
Wz



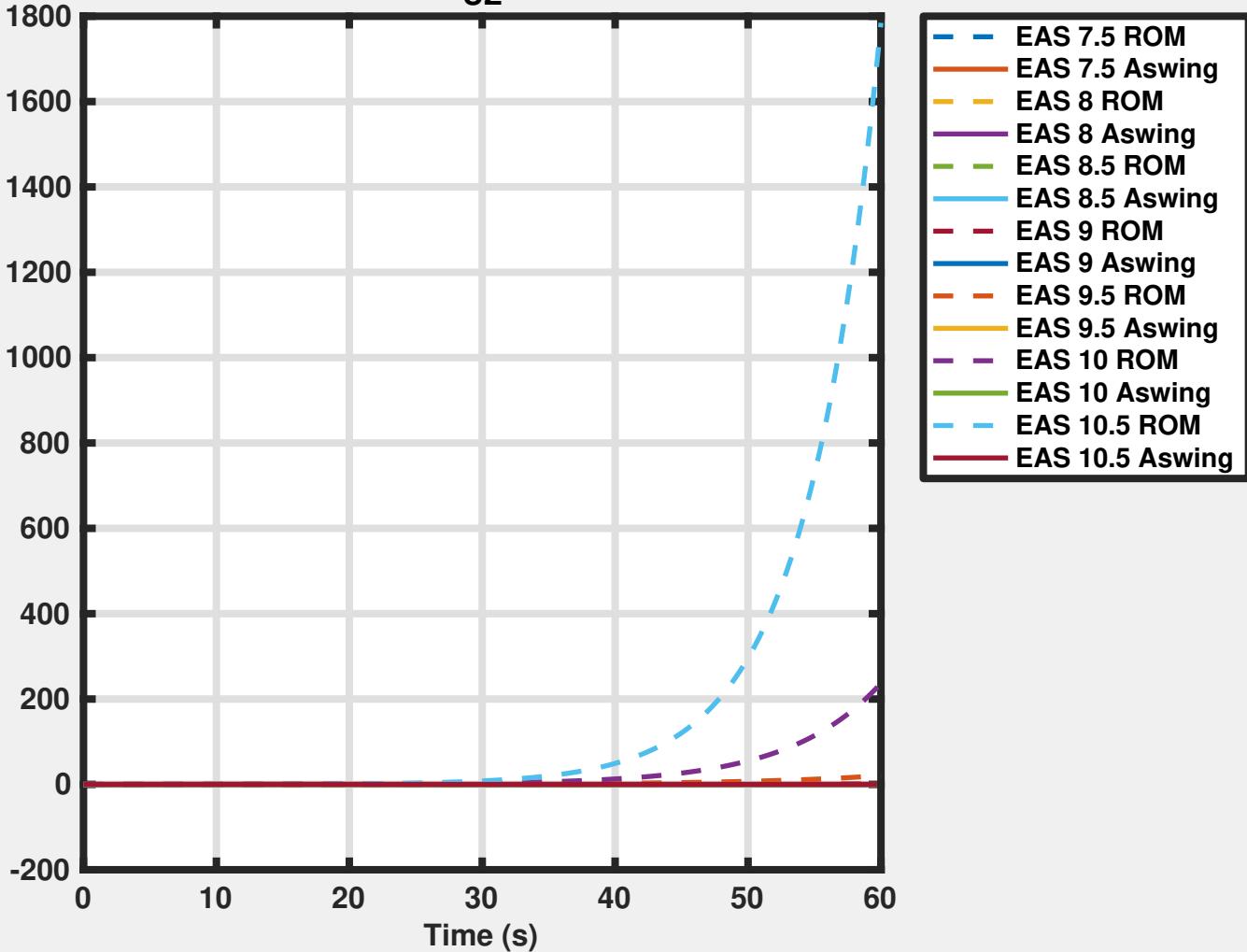
Elevator - 0.1 to
Wy



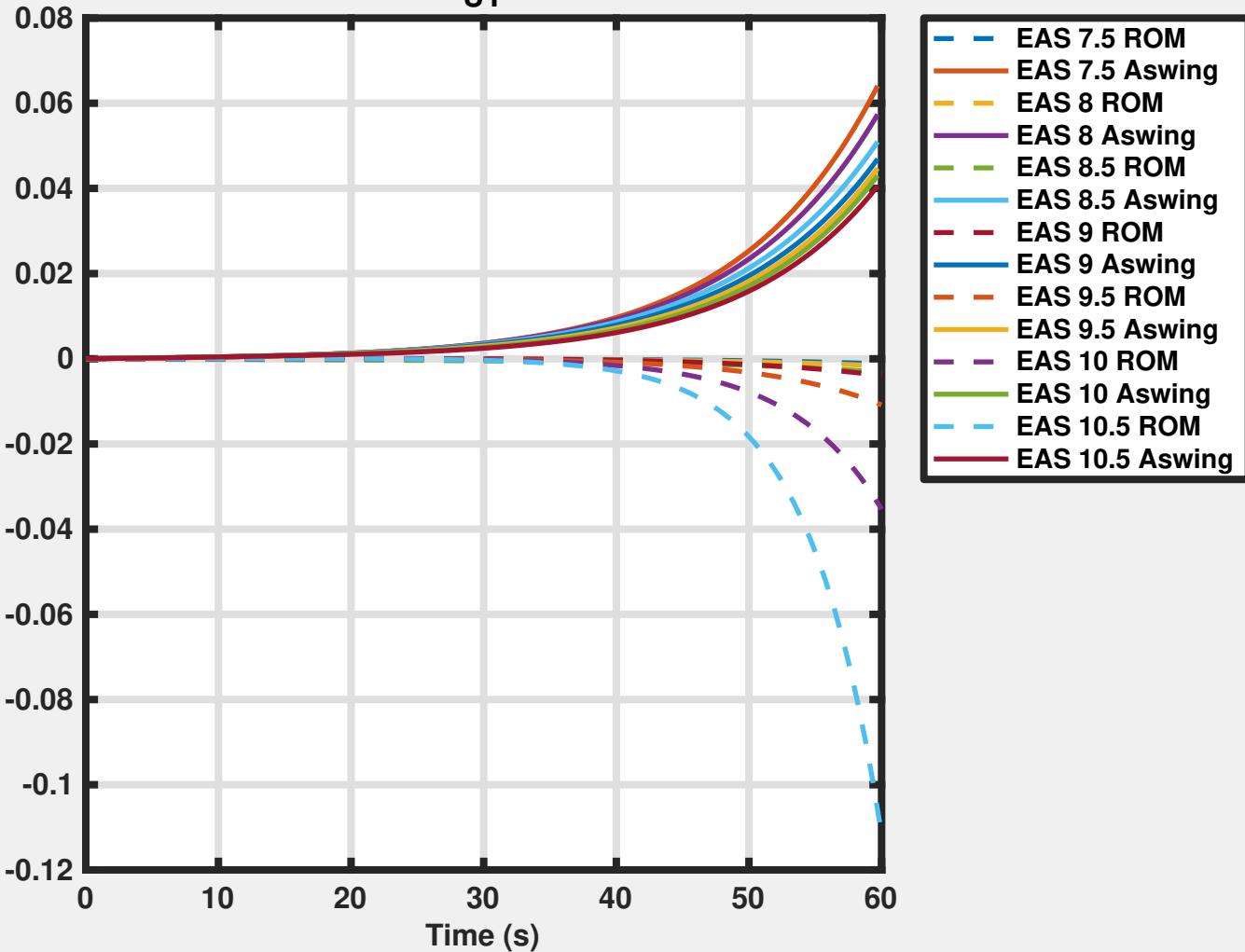
Elevator - 0.1 to
Wx



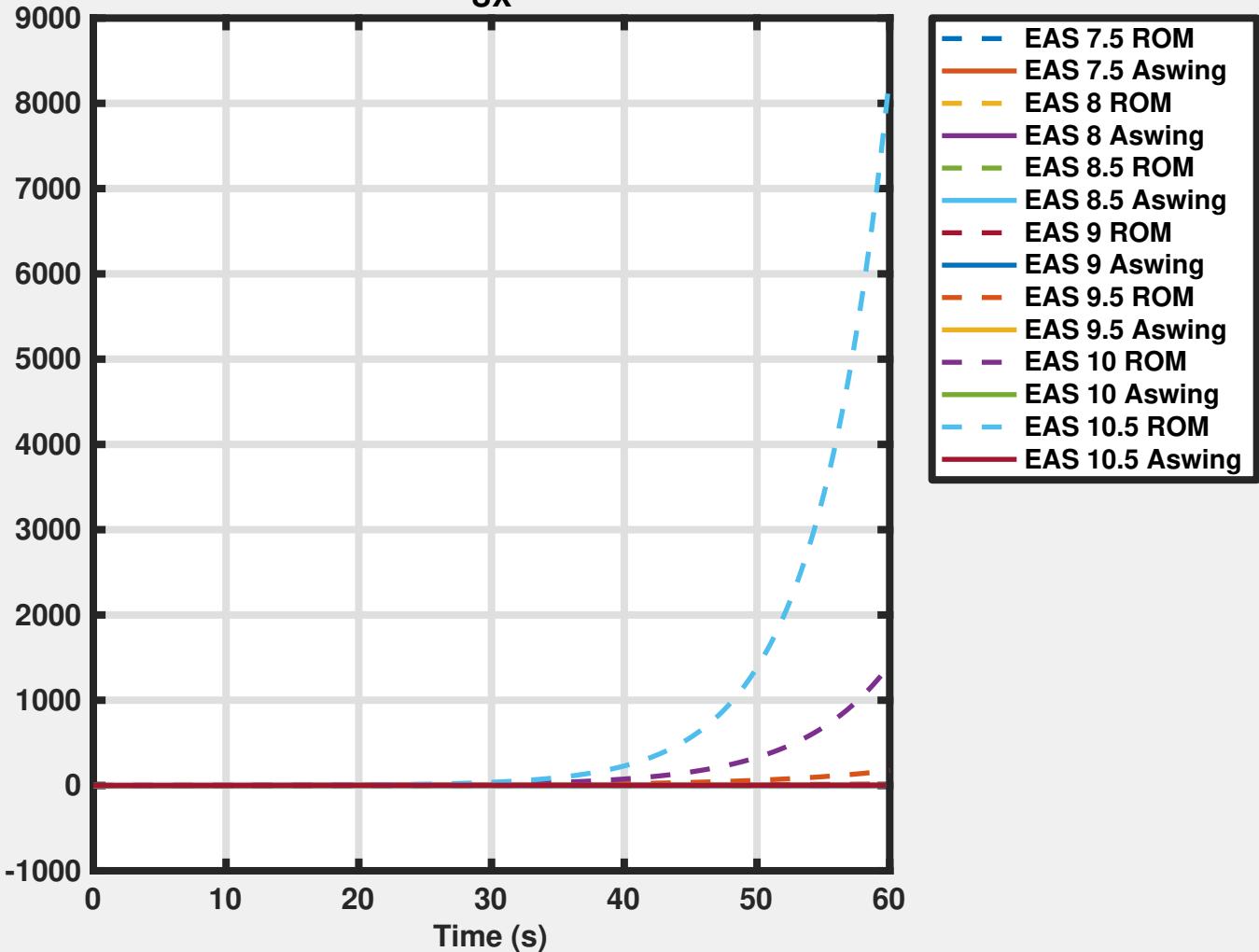
Elevator - 0.1 to UZ



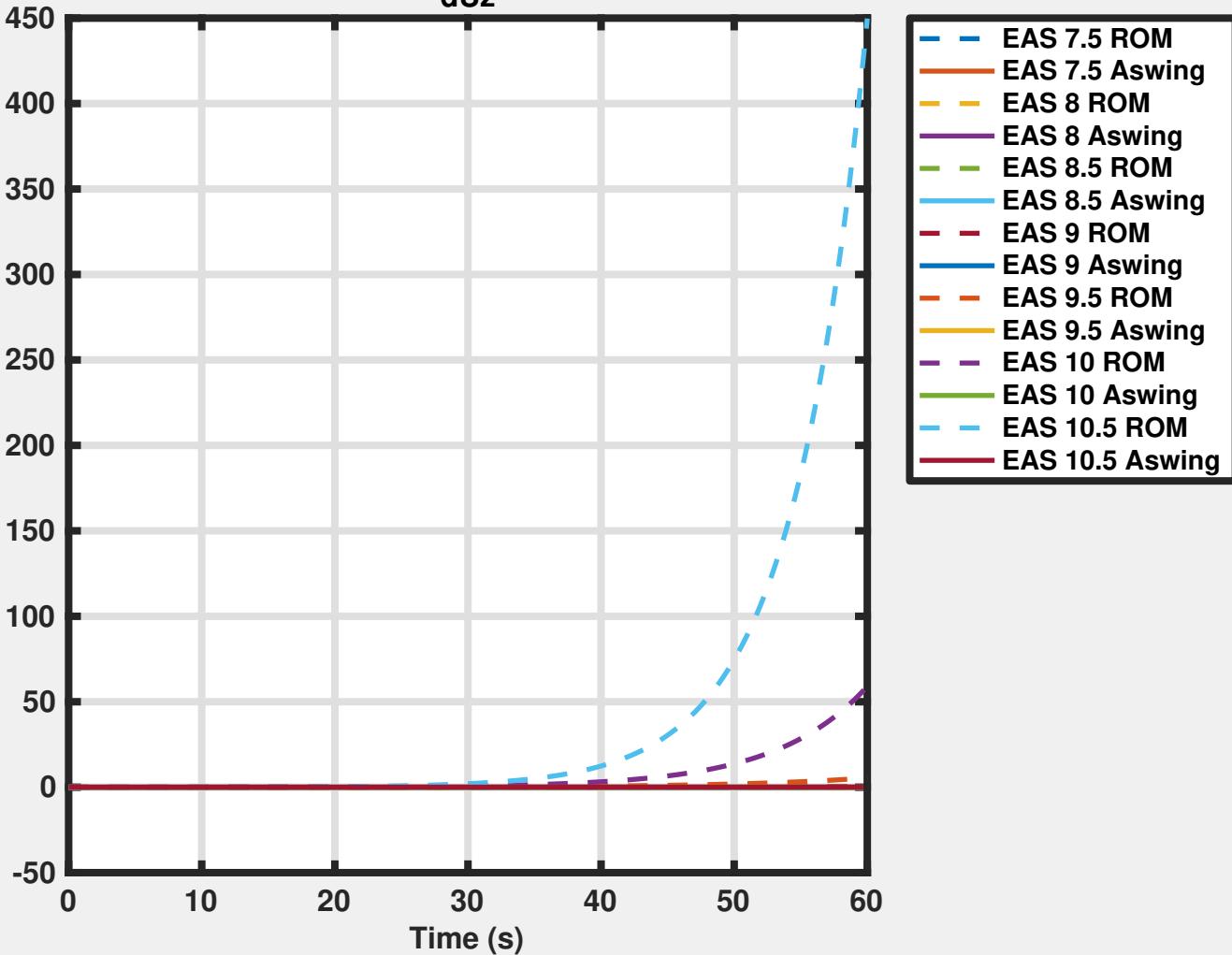
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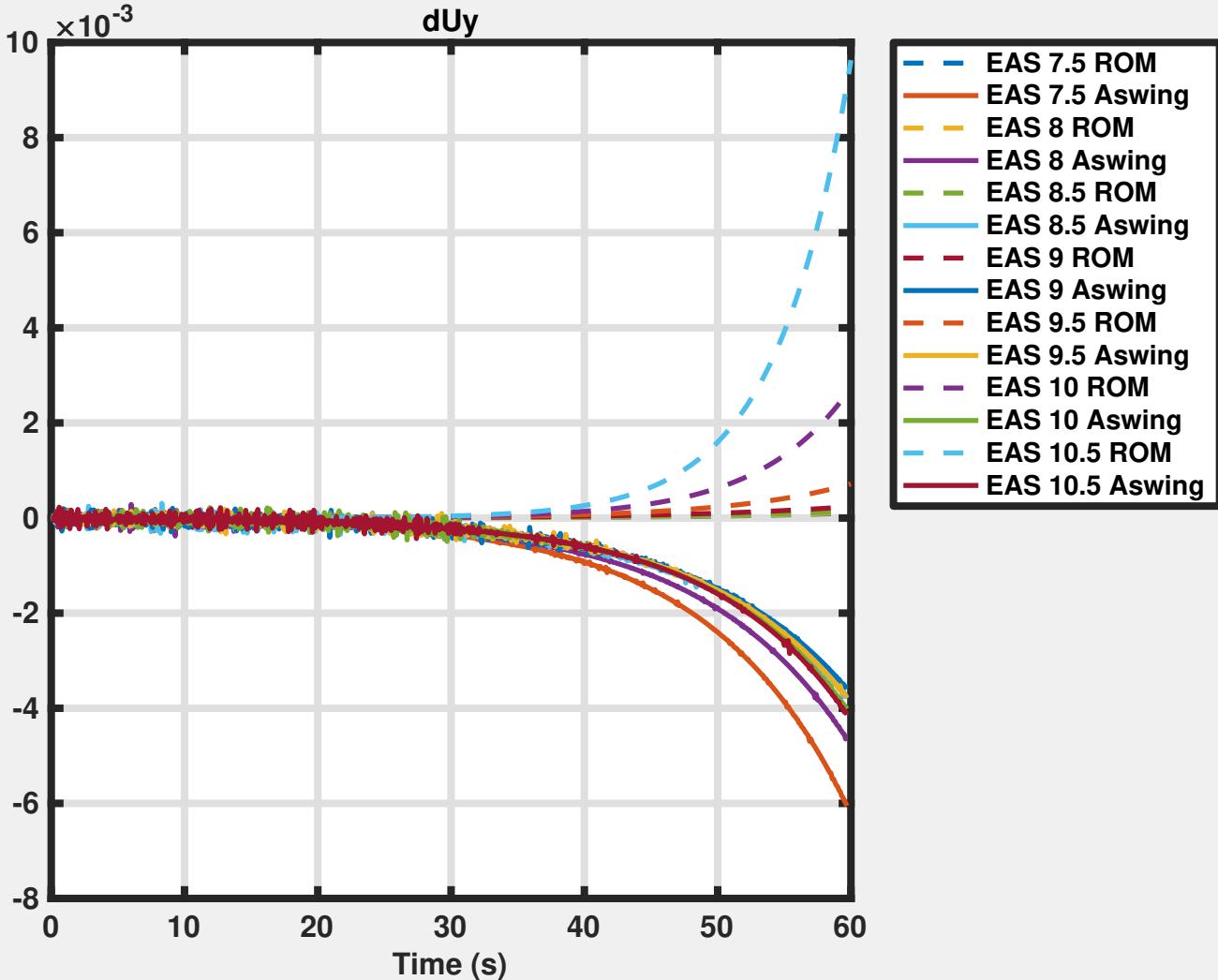
Elevator - 0.1 to UX



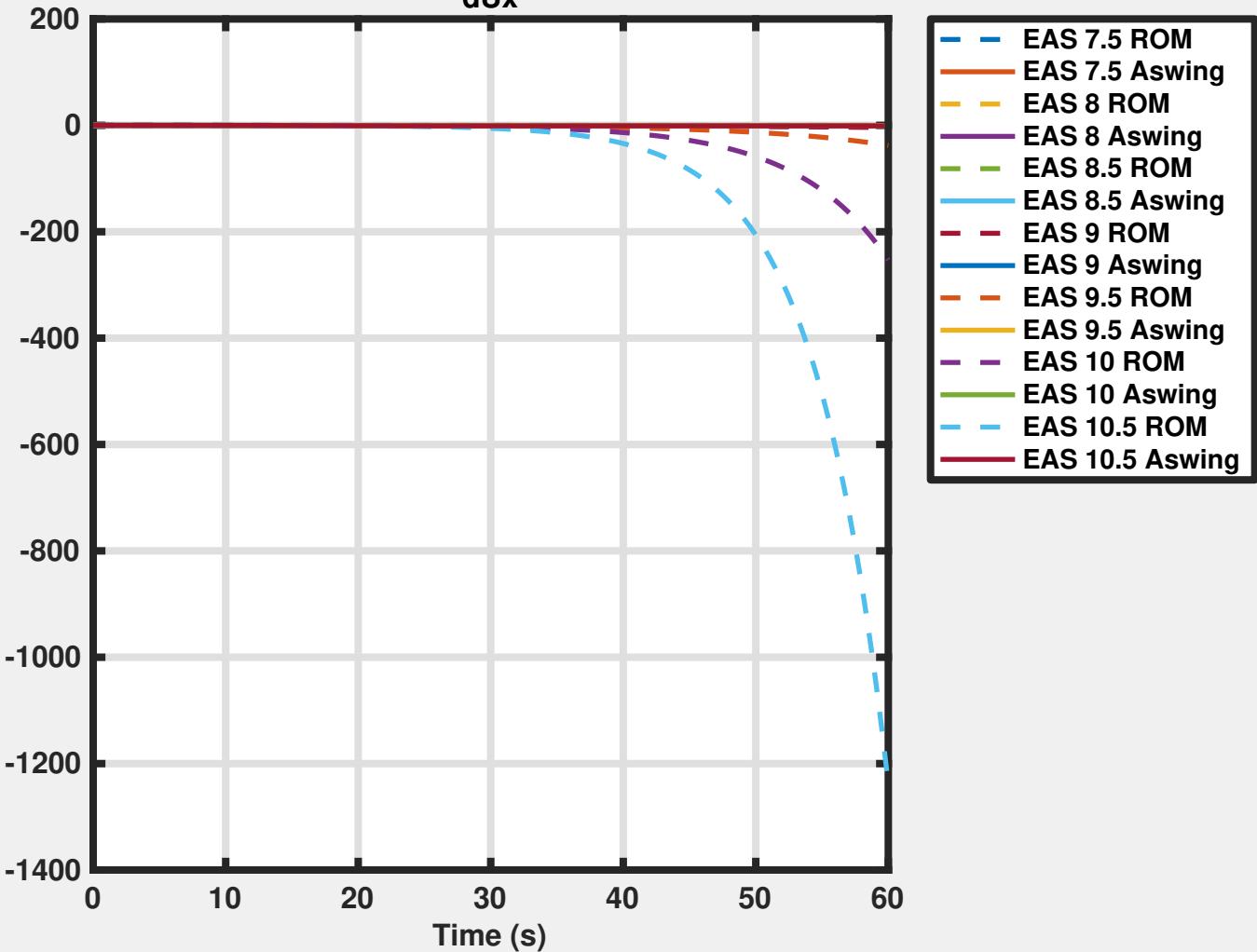
Elevator - 0.1 to dUz

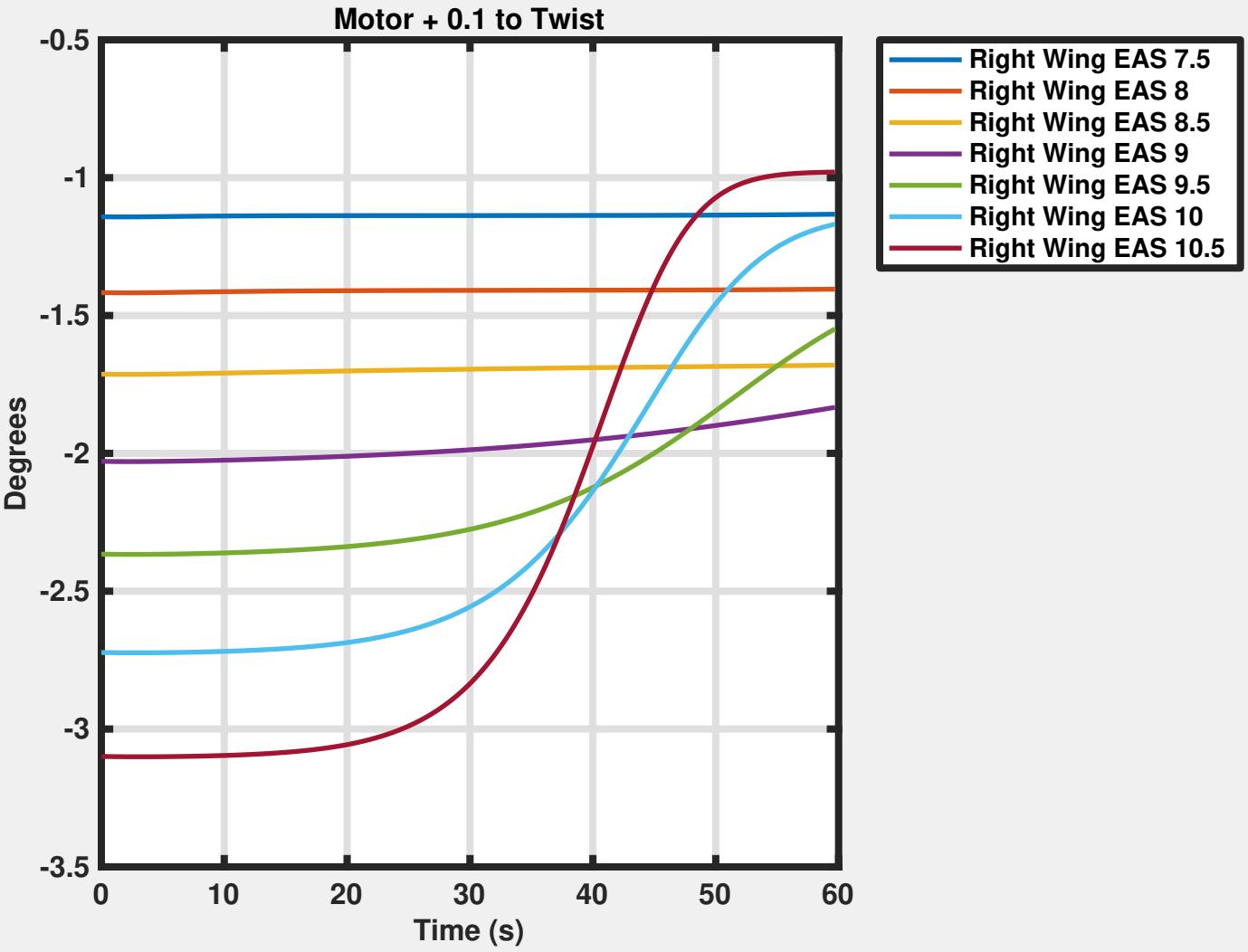


Elevator - 0.1 to dUy

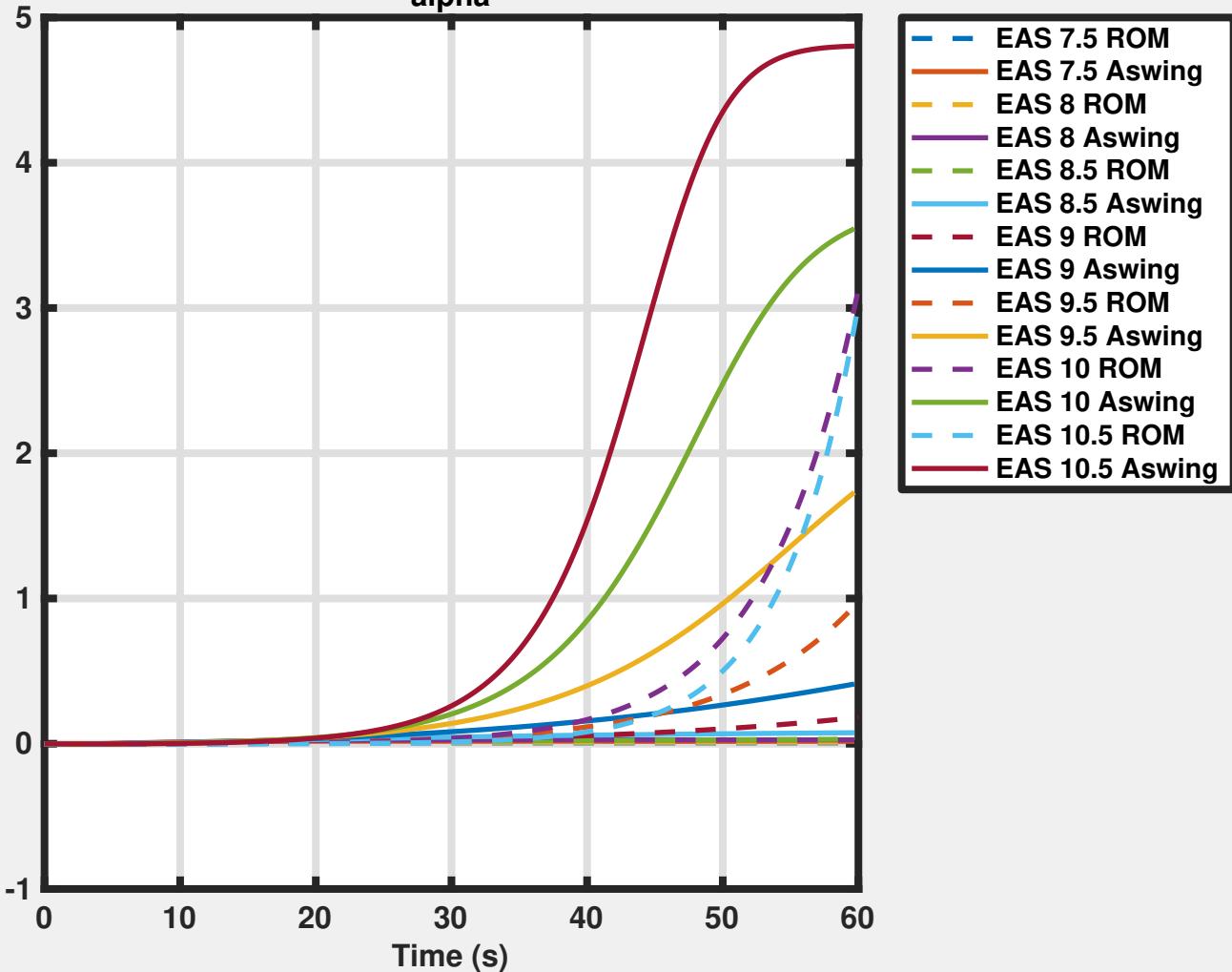


Elevator - 0.1 to dUx

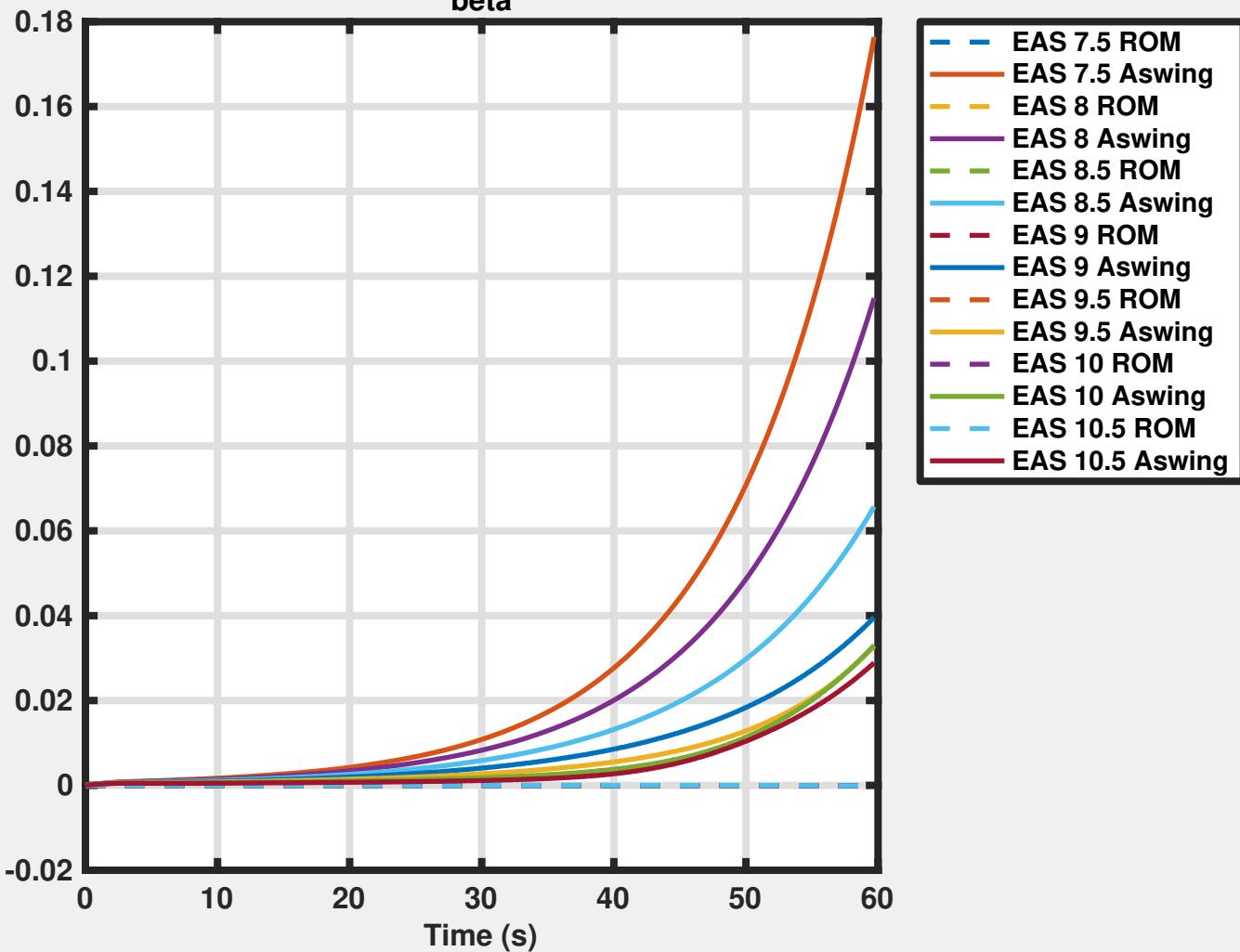




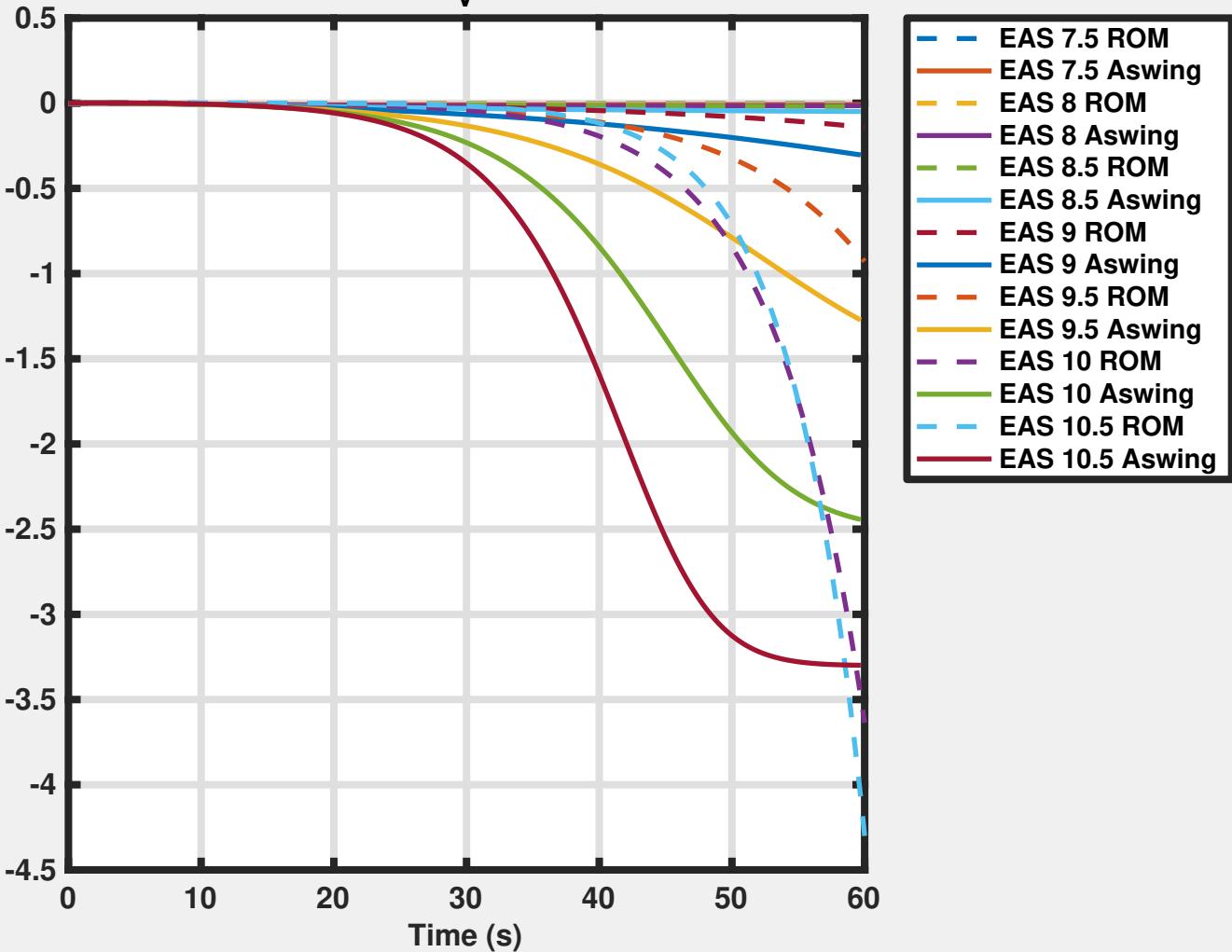
Motor + 0.1 to alpha



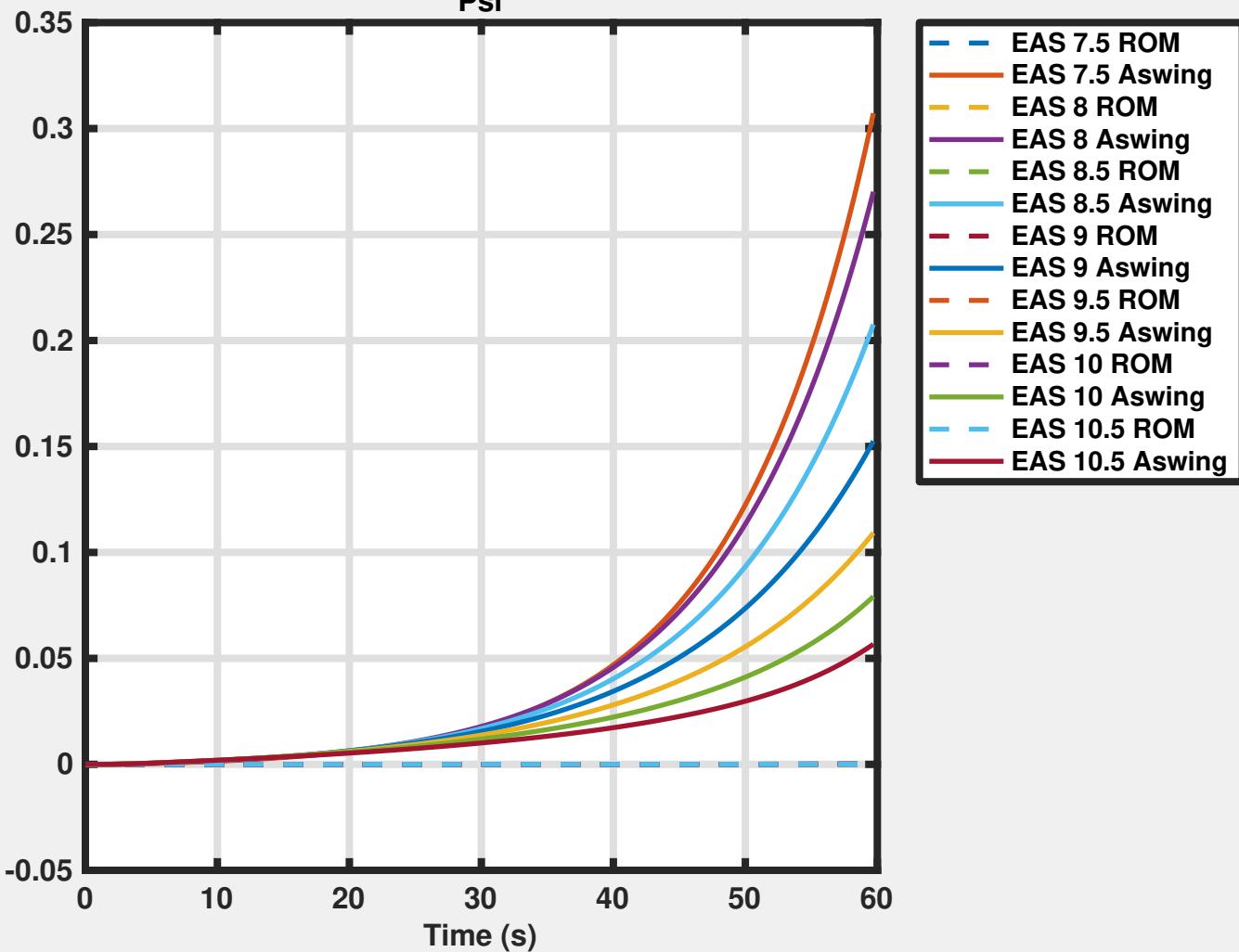
Motor + 0.1 to
beta



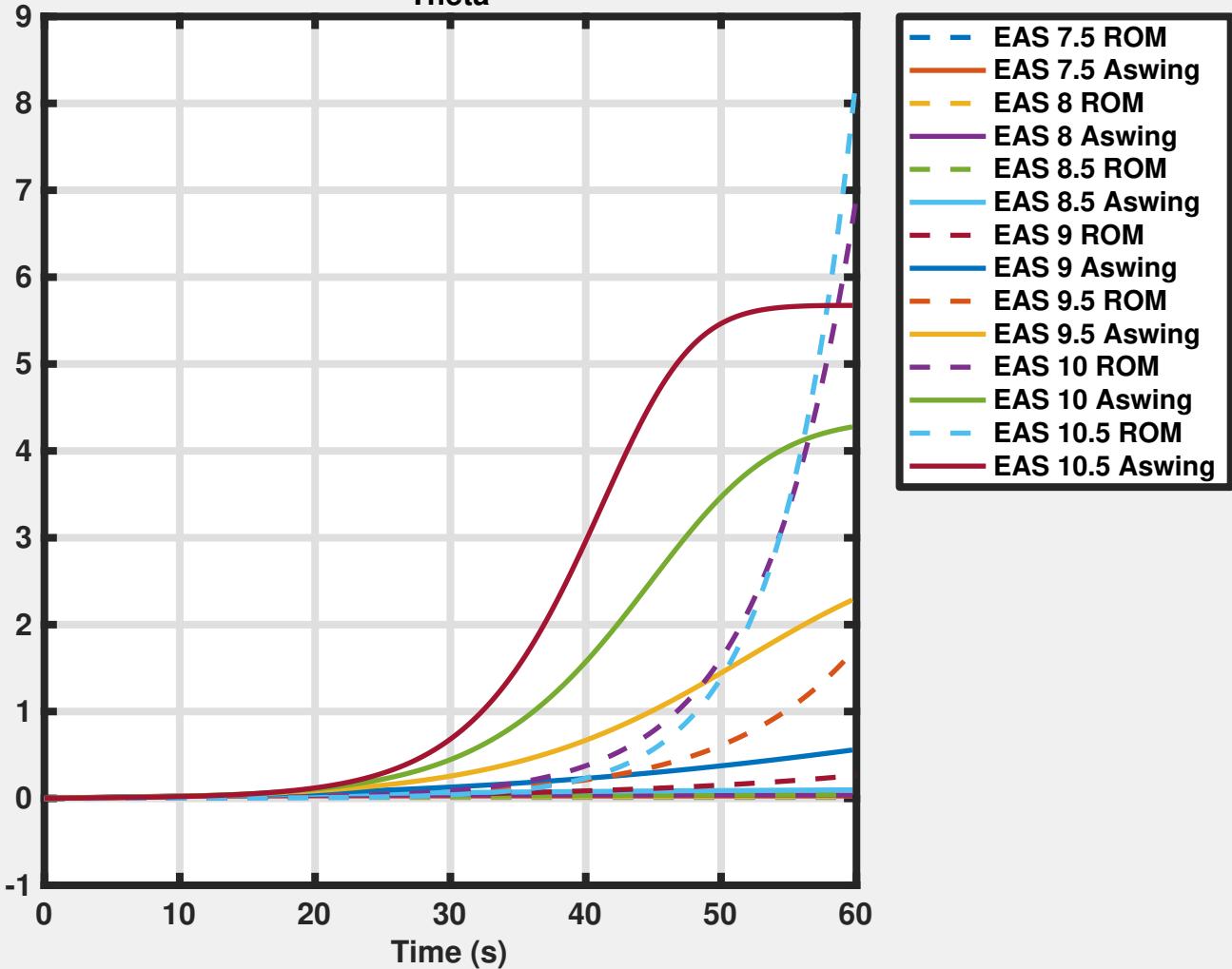
**Motor + 0.1 to
V**



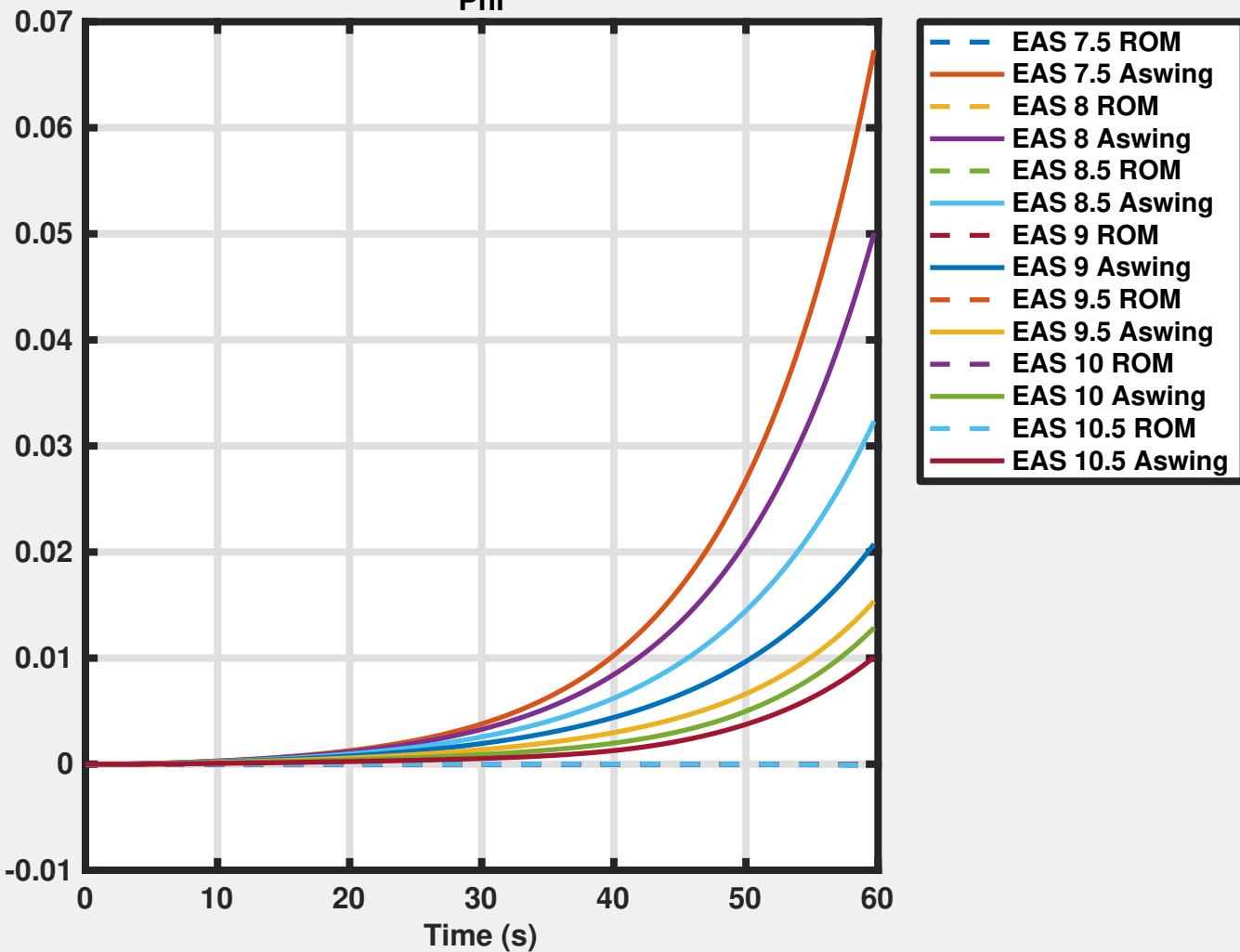
**Motor + 0.1 to
Psi**



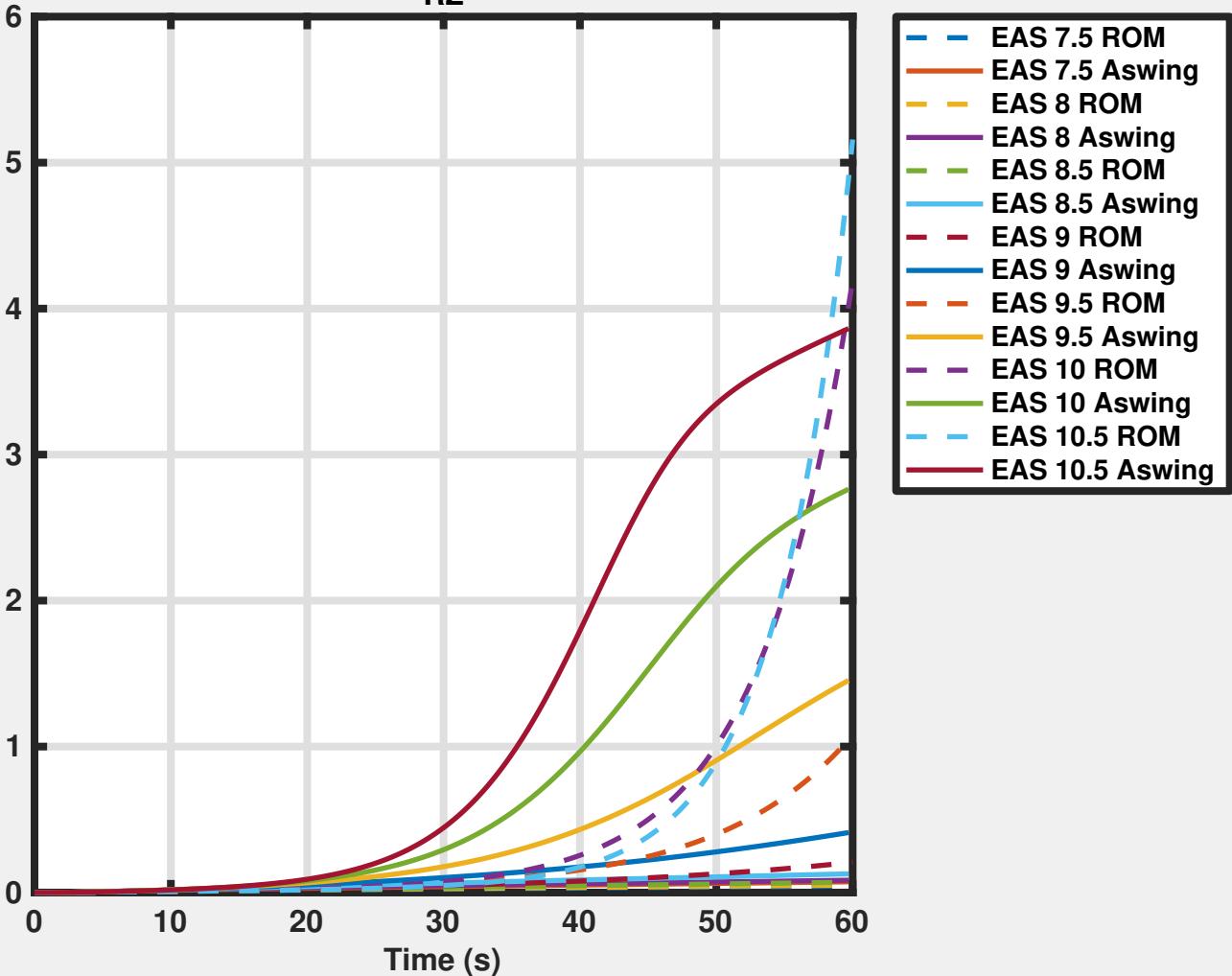
Motor + 0.1 to Theta



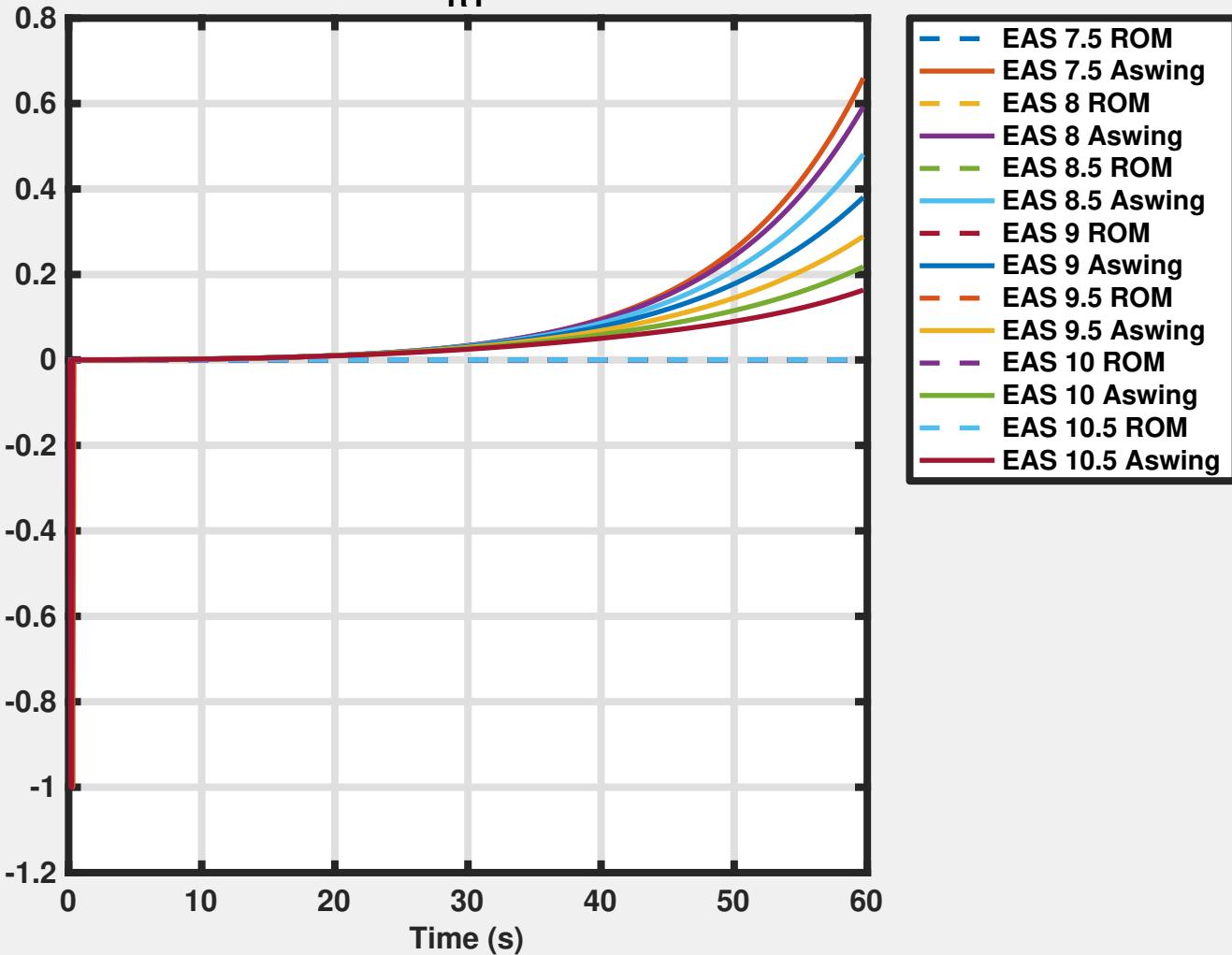
Motor + 0.1 to
Phi



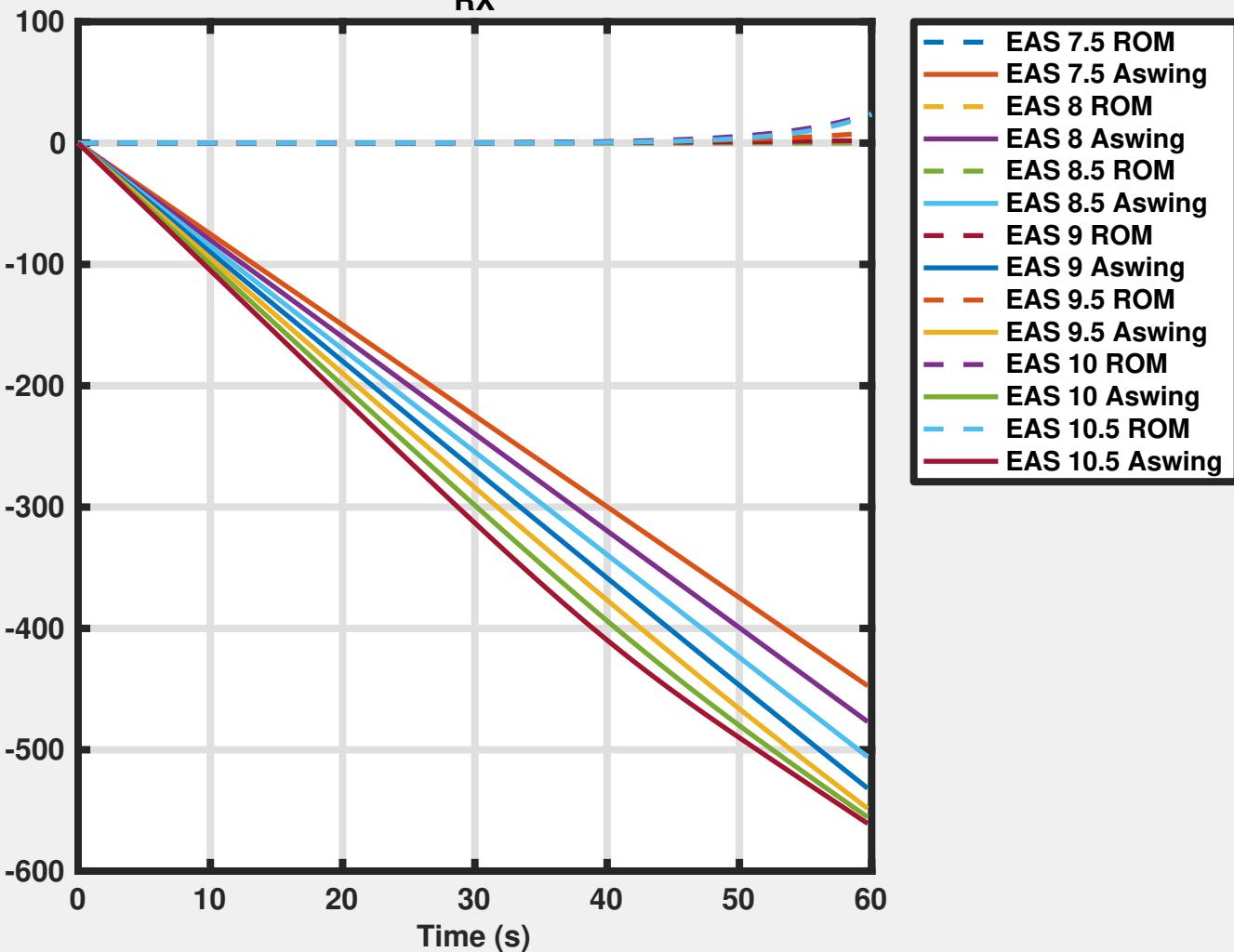
Motor + 0.1 to RZ



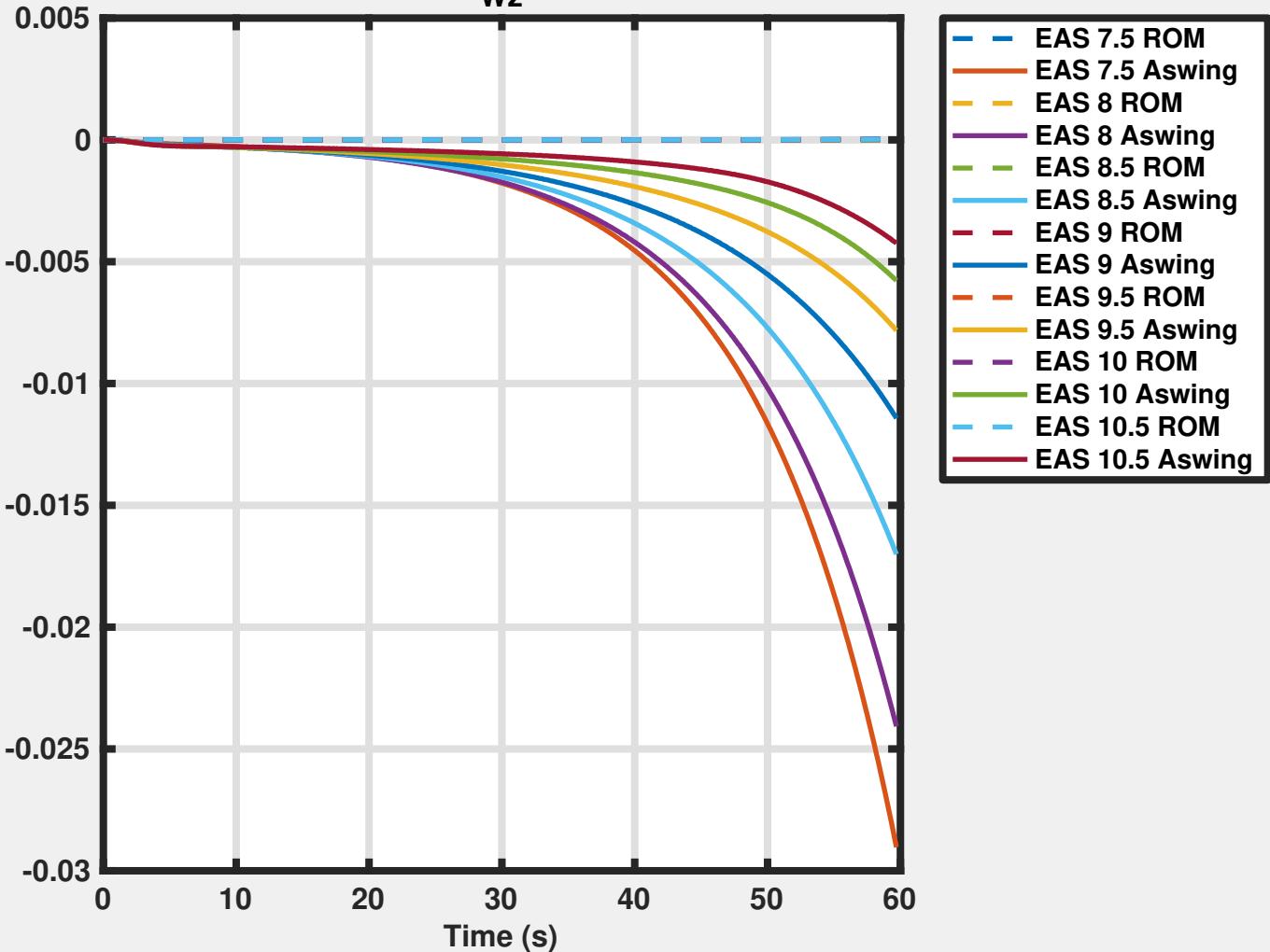
Motor + 0.1 to
RY



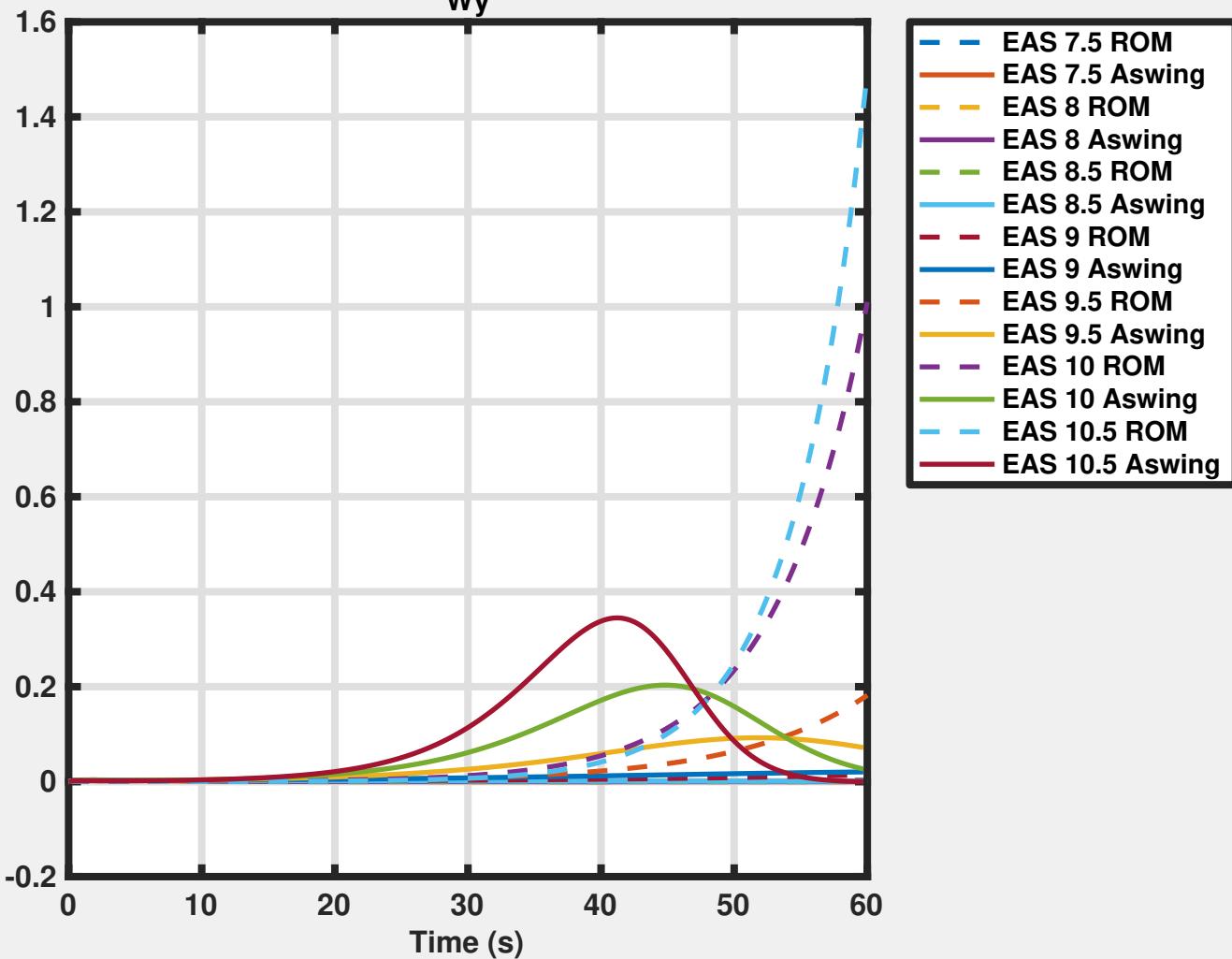
Motor + 0.1 to RX



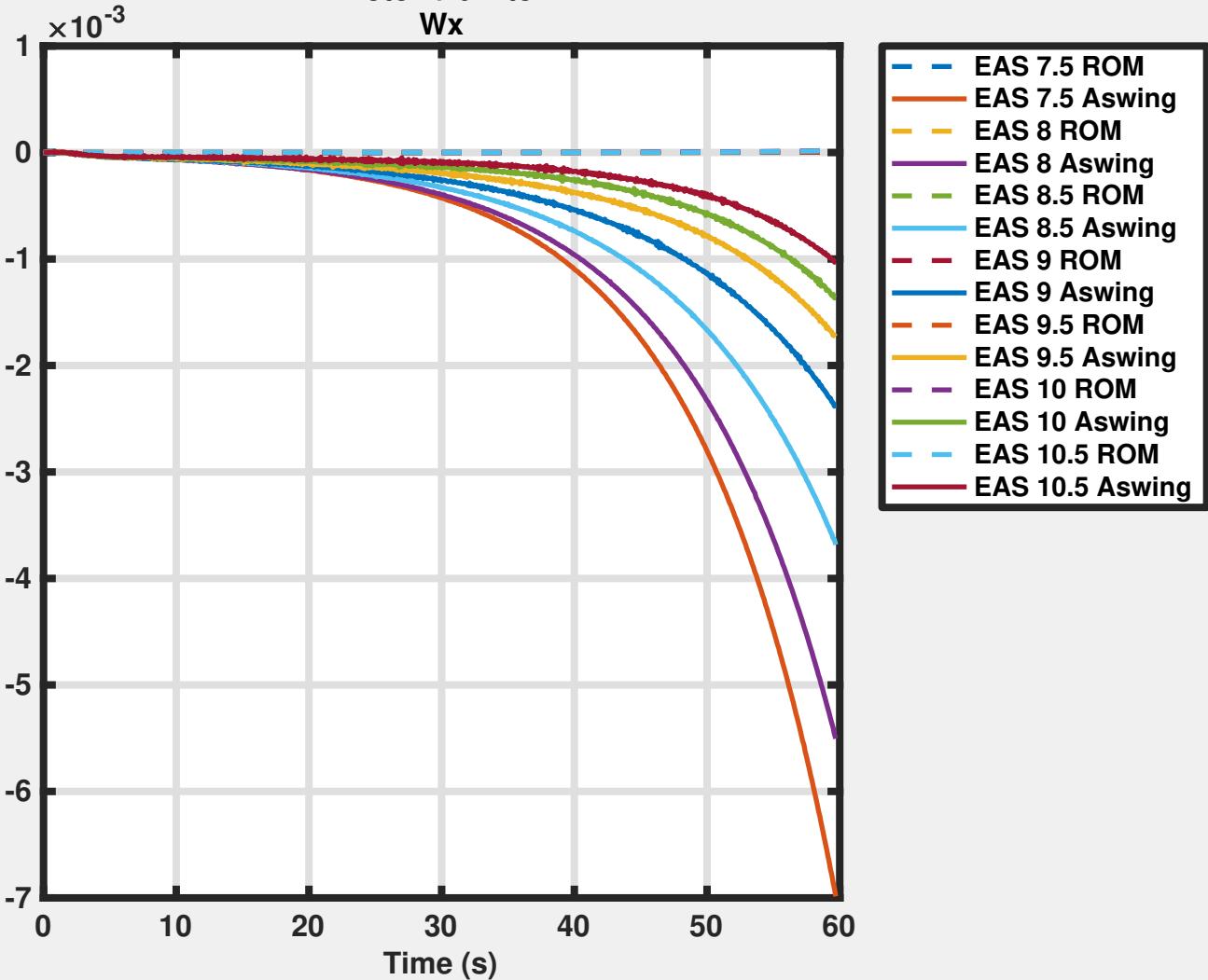
Motor + 0.1 to Wz



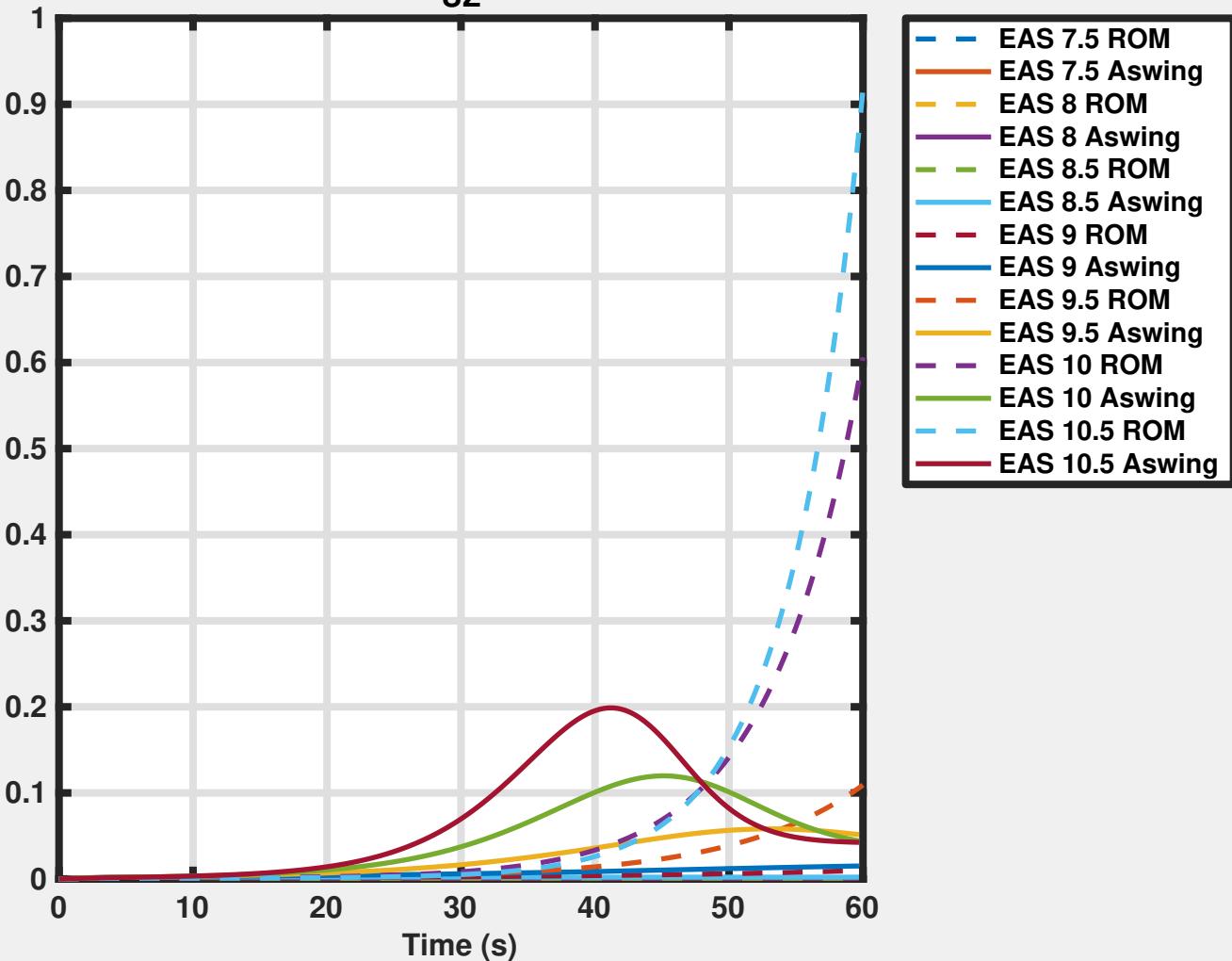
Motor + 0.1 to
Wy



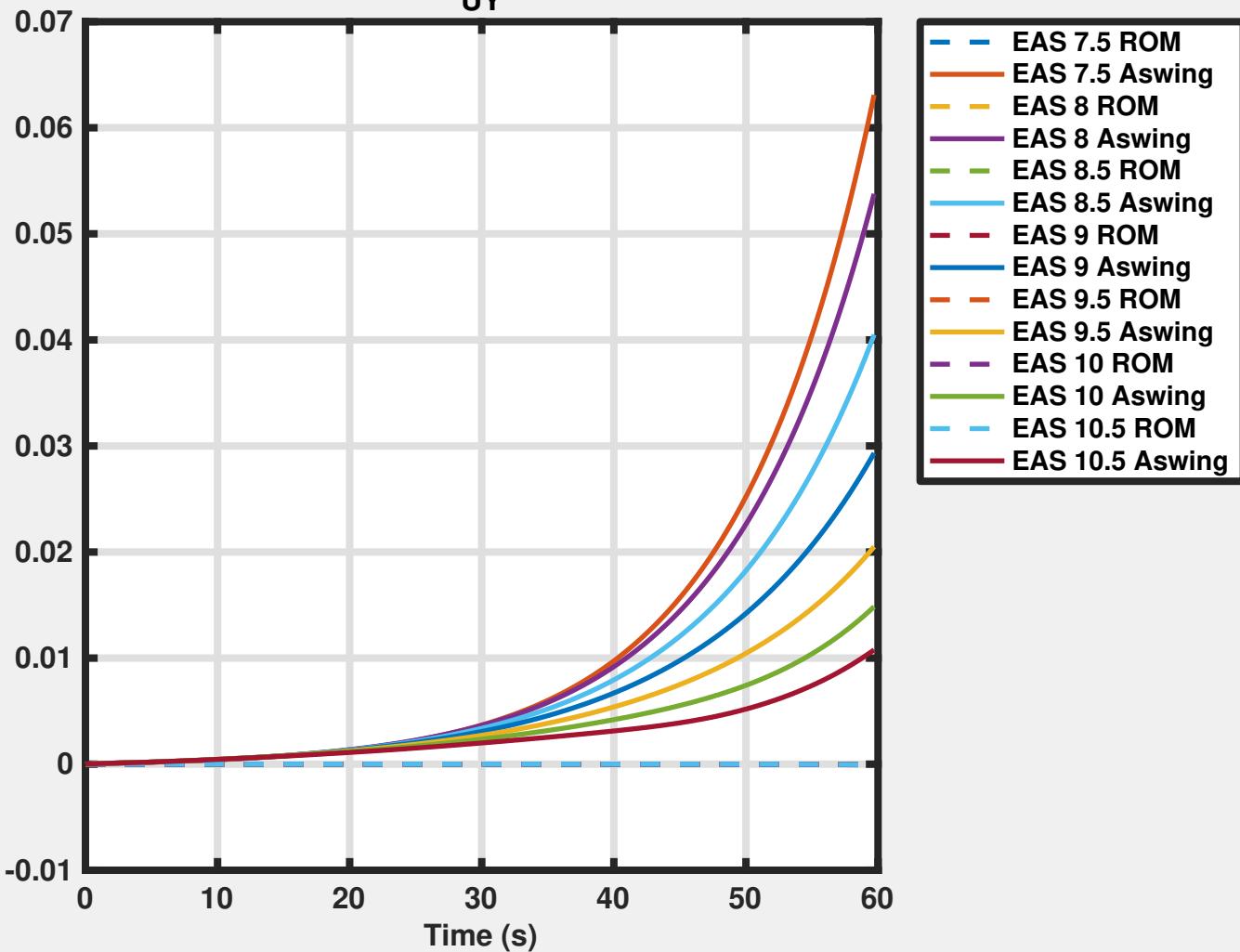
Motor + 0.1 to
Wx



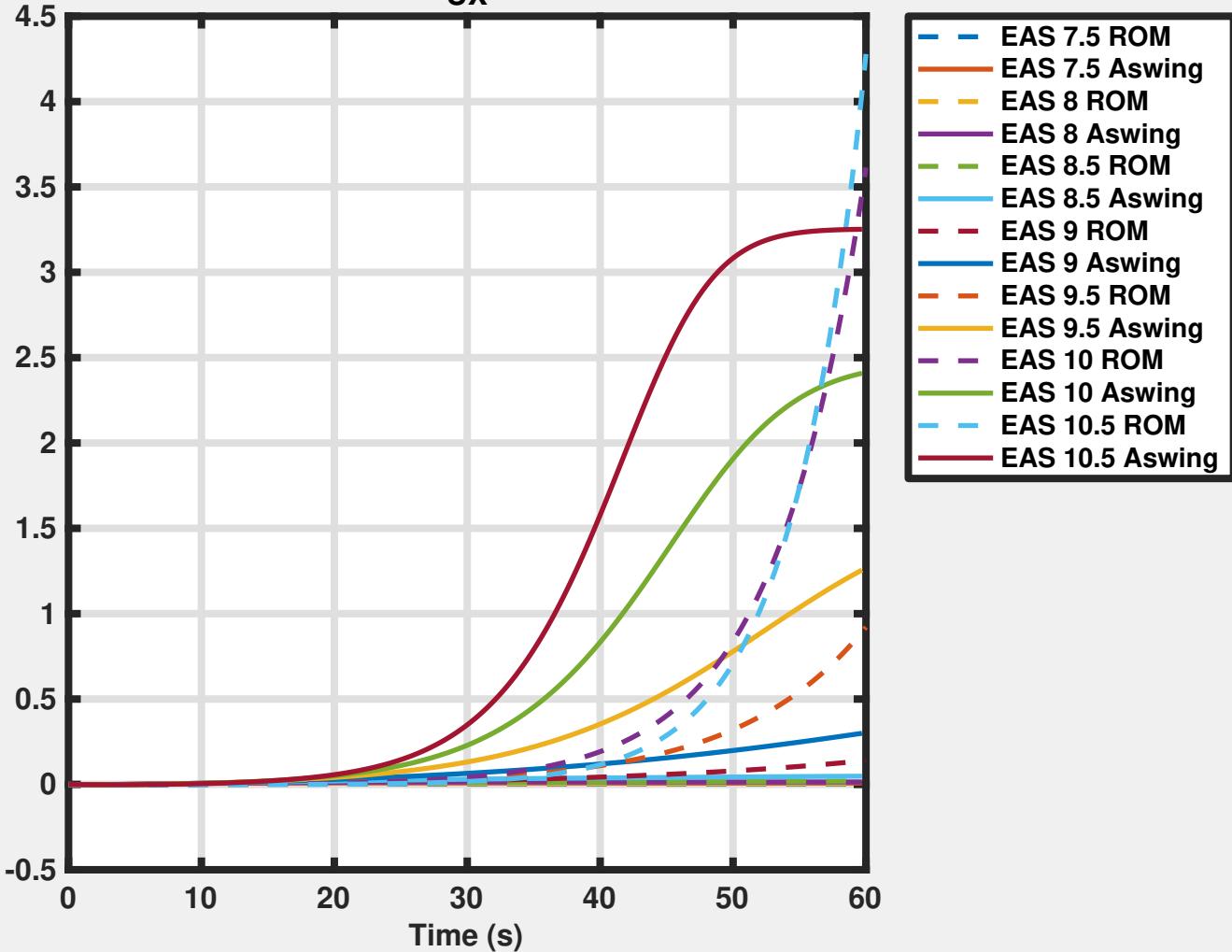
Motor + 0.1 to UZ



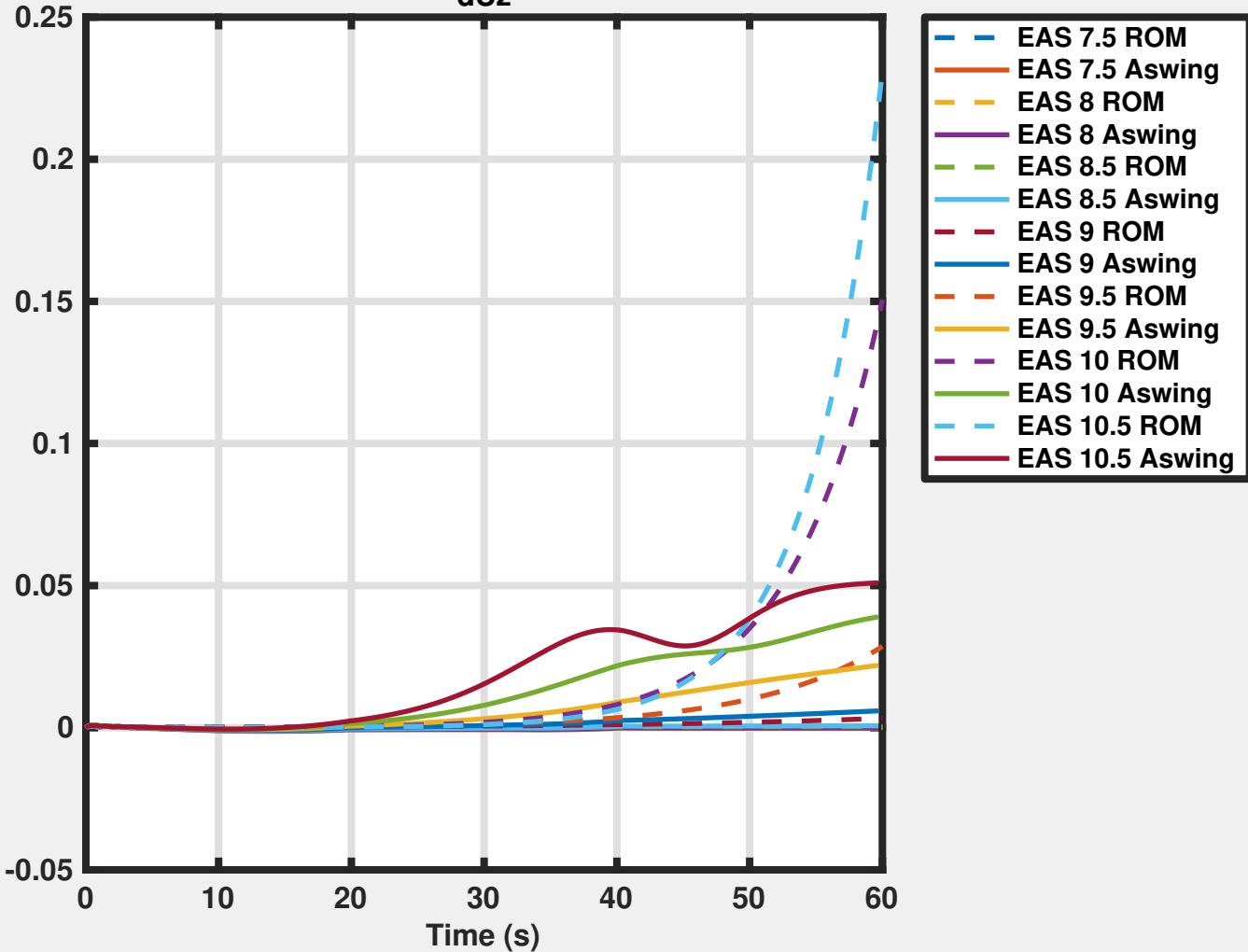
Motor + 0.1 to
UY



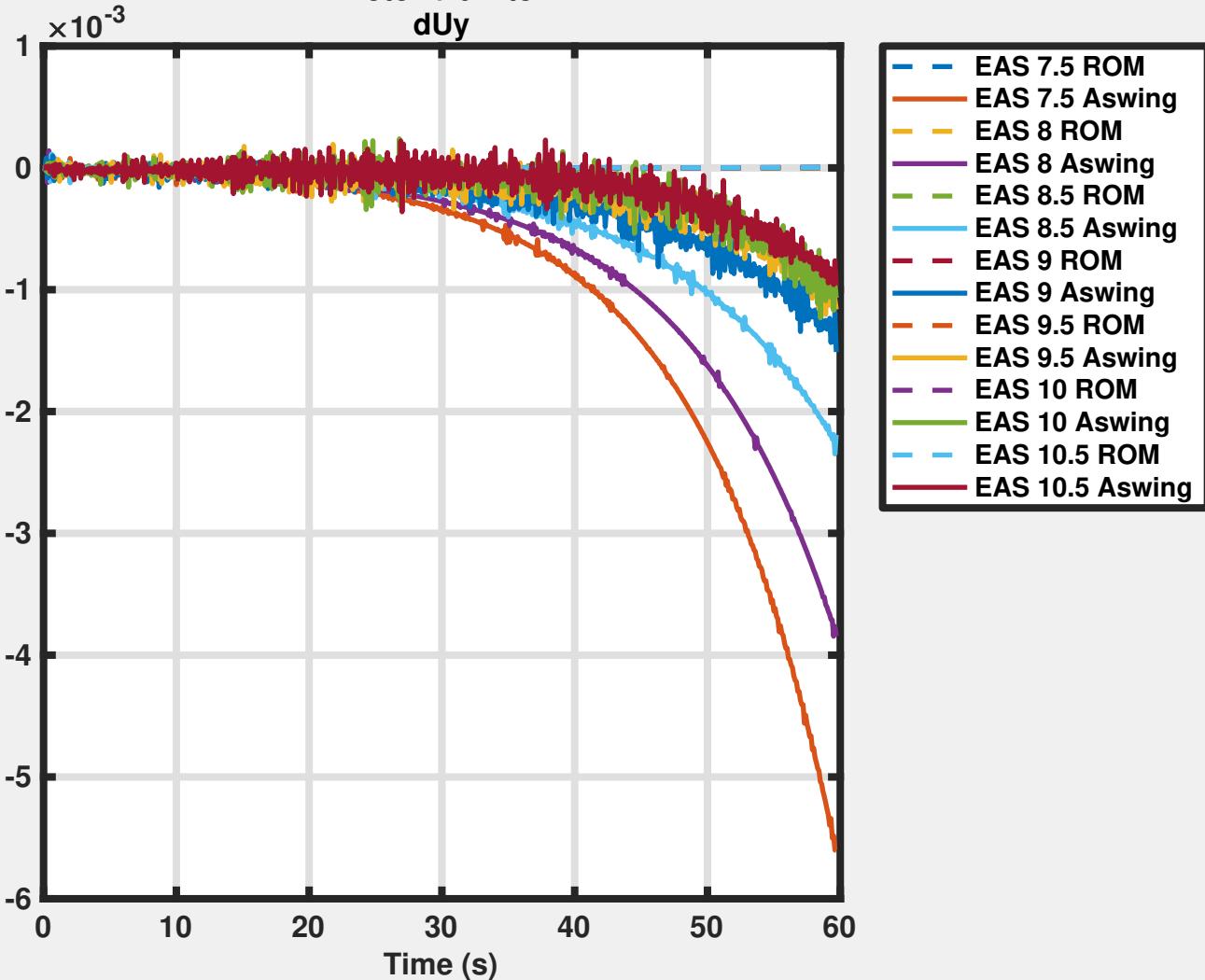
Motor + 0.1 to UX



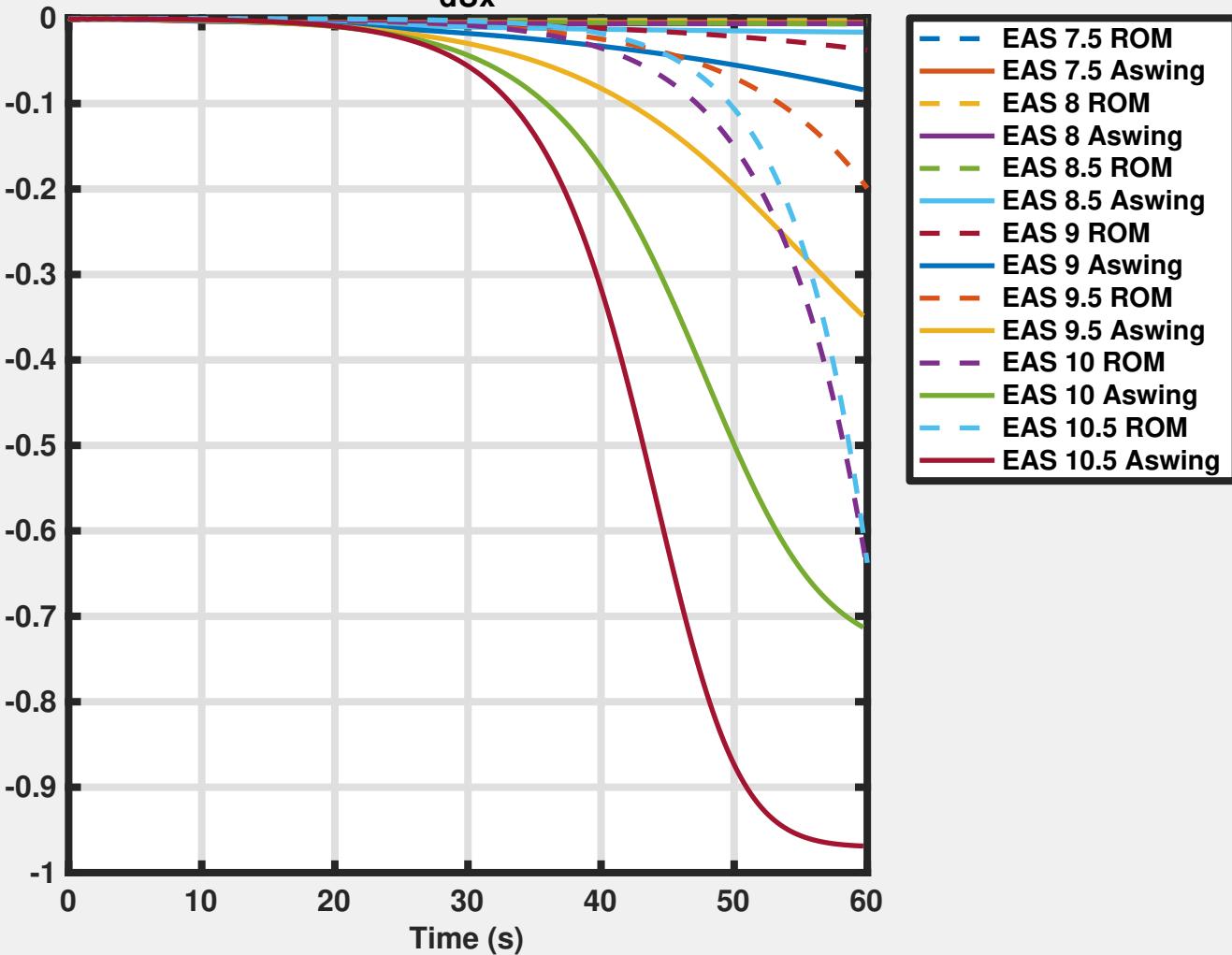
Motor + 0.1 to dUz



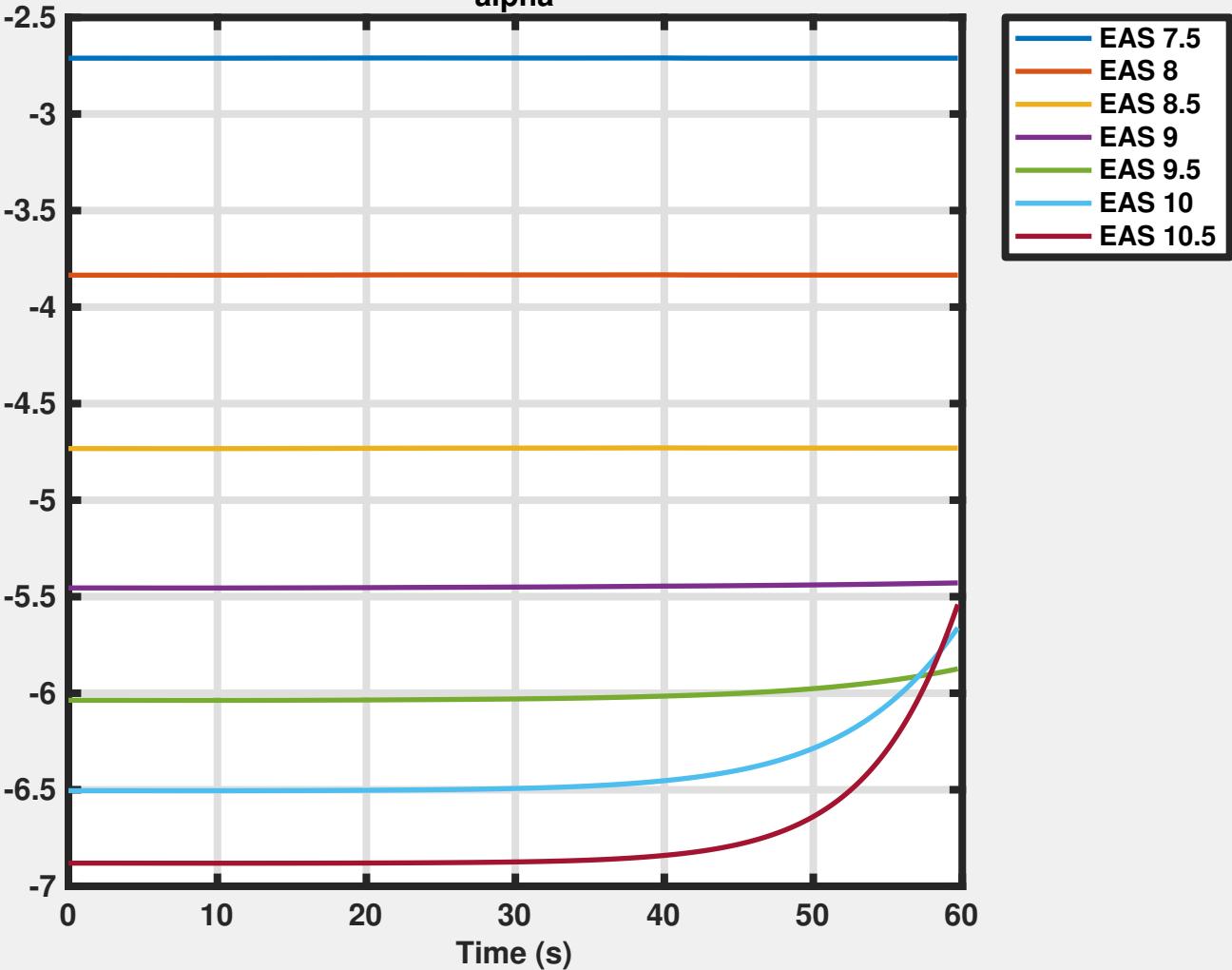
**Motor + 0.1 to
dUy**



Motor + 0.1 to dUx

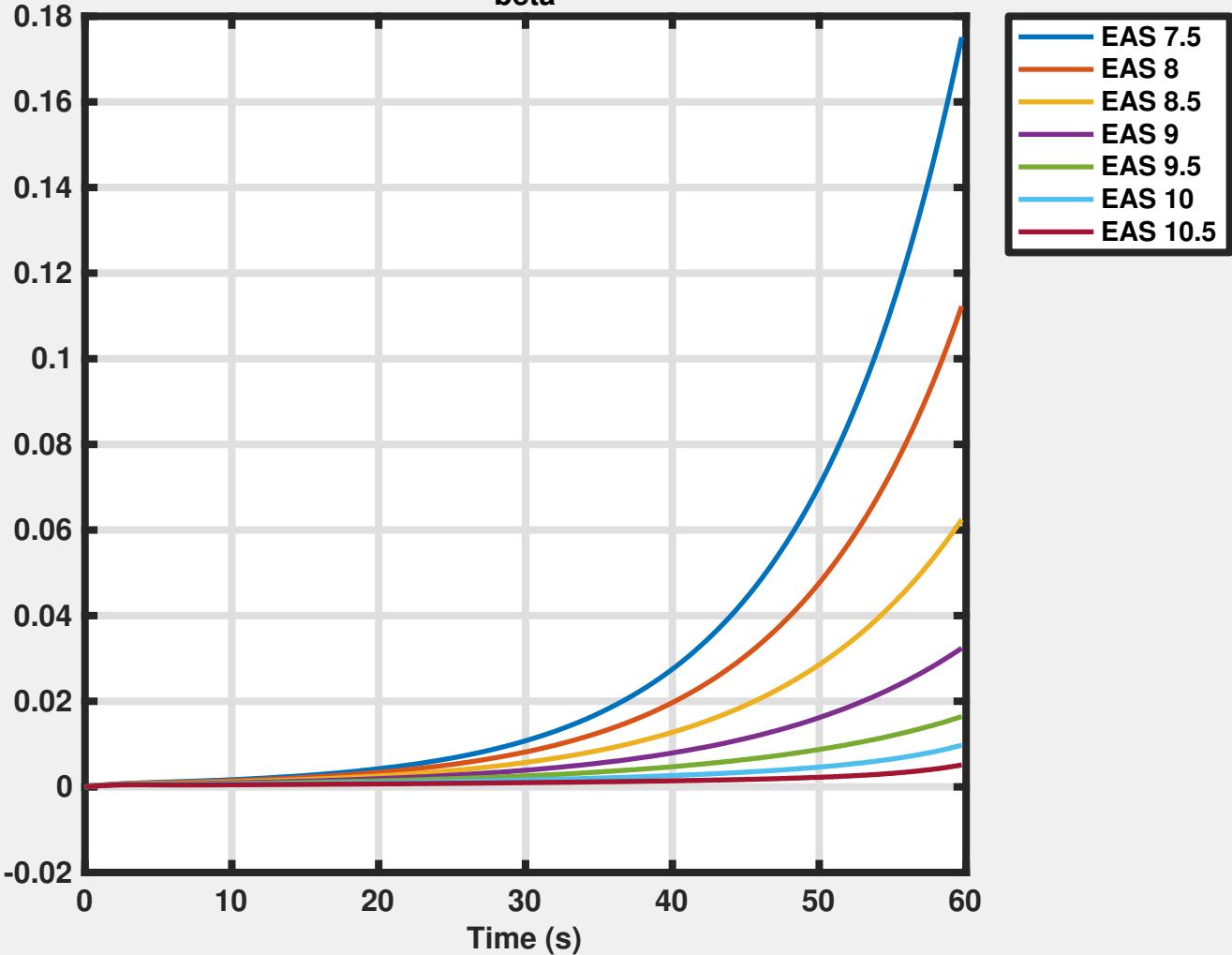


Aswing Trim Conditions alpha



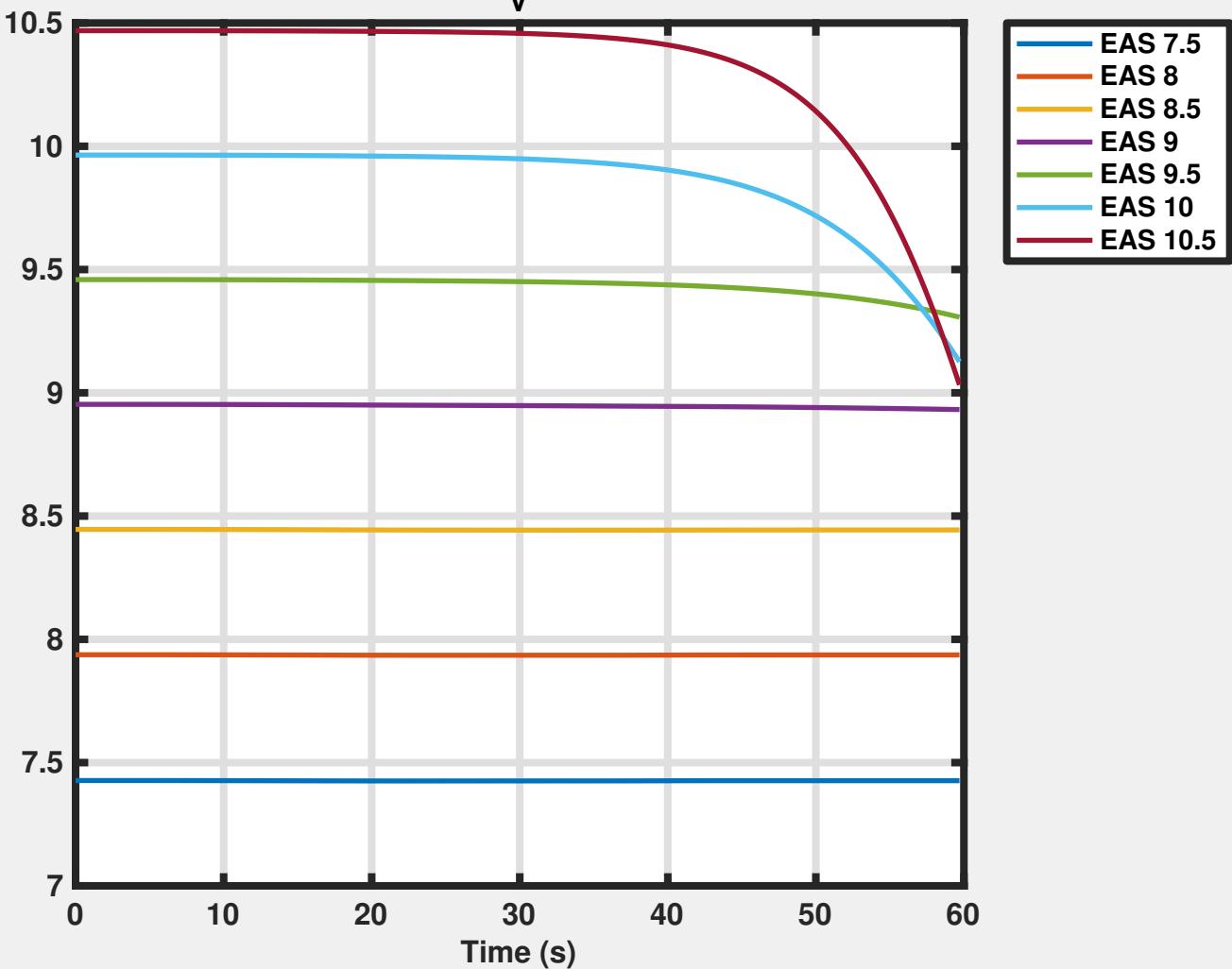
Aswing Trim Conditions

beta

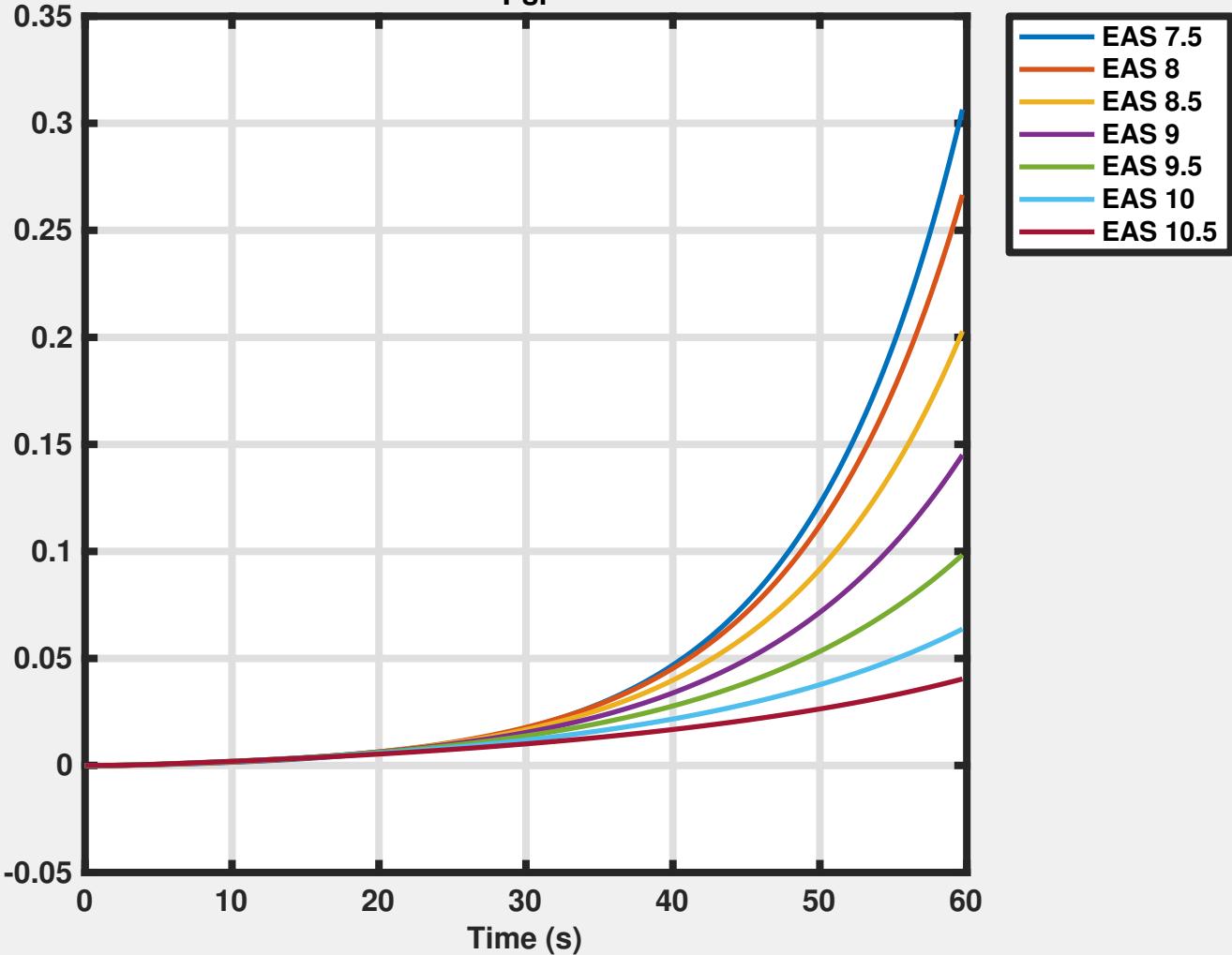


Aswing Trim Conditions

V

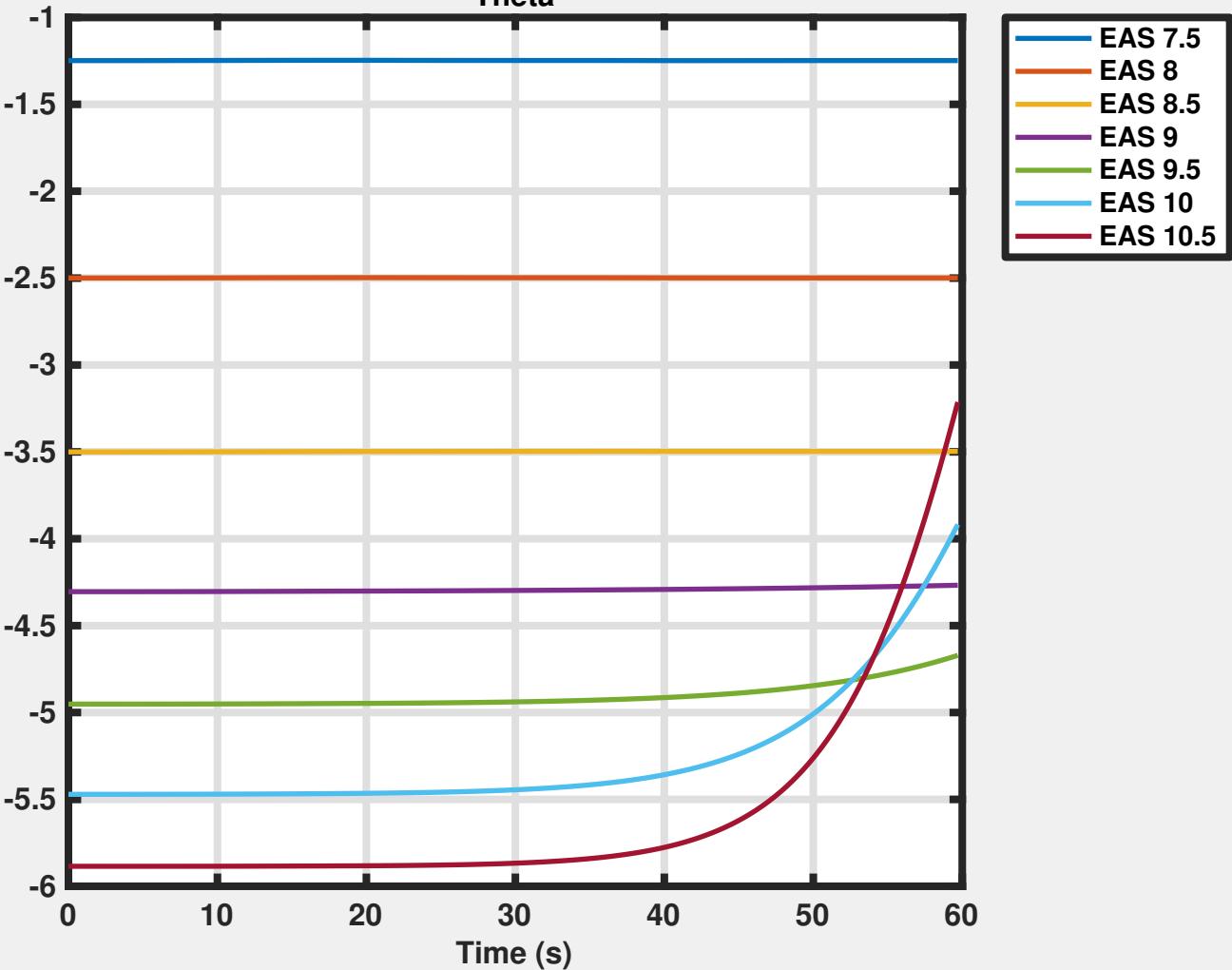


Aswing Trim Conditions Psi



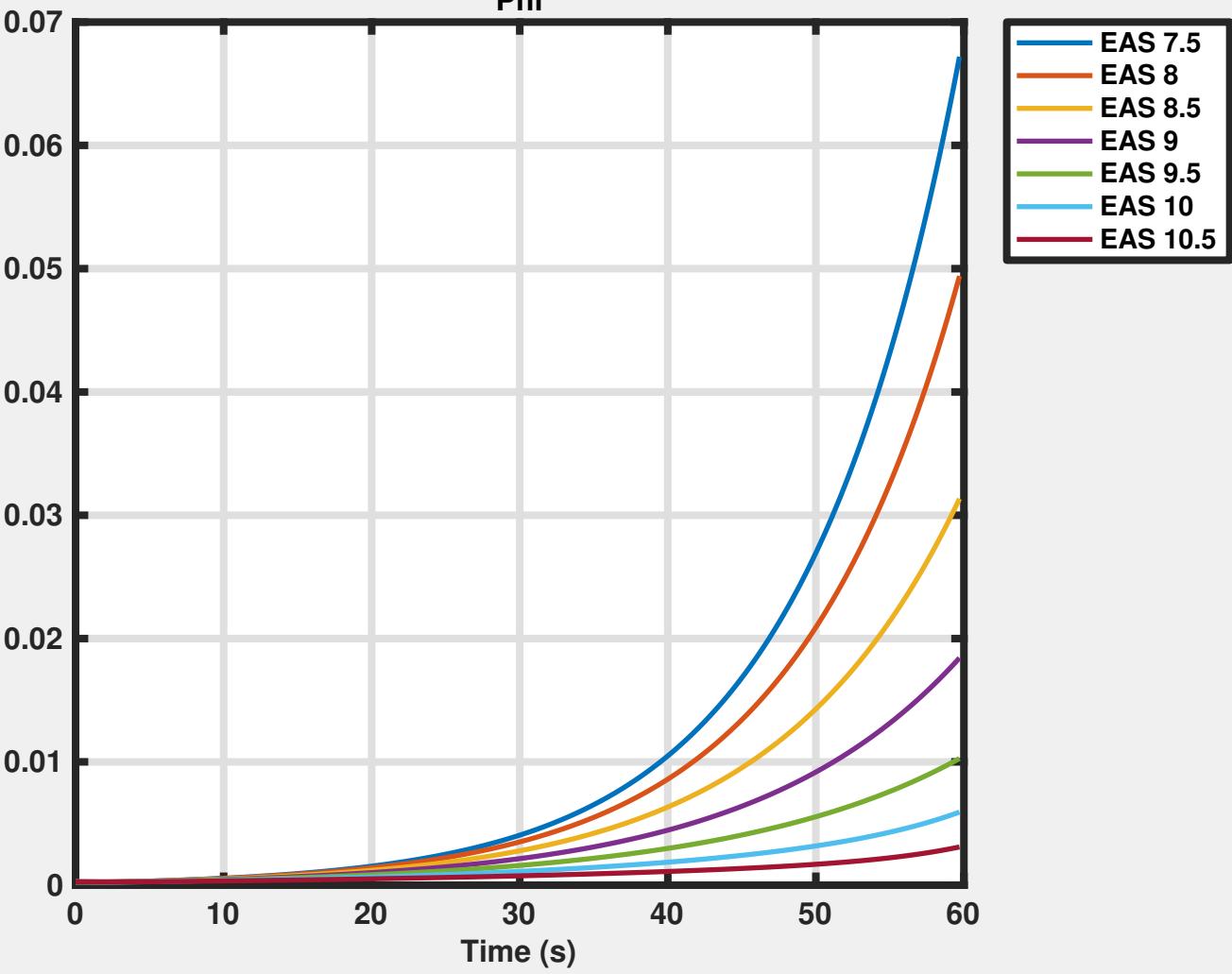
Aswing Trim Conditions

Theta



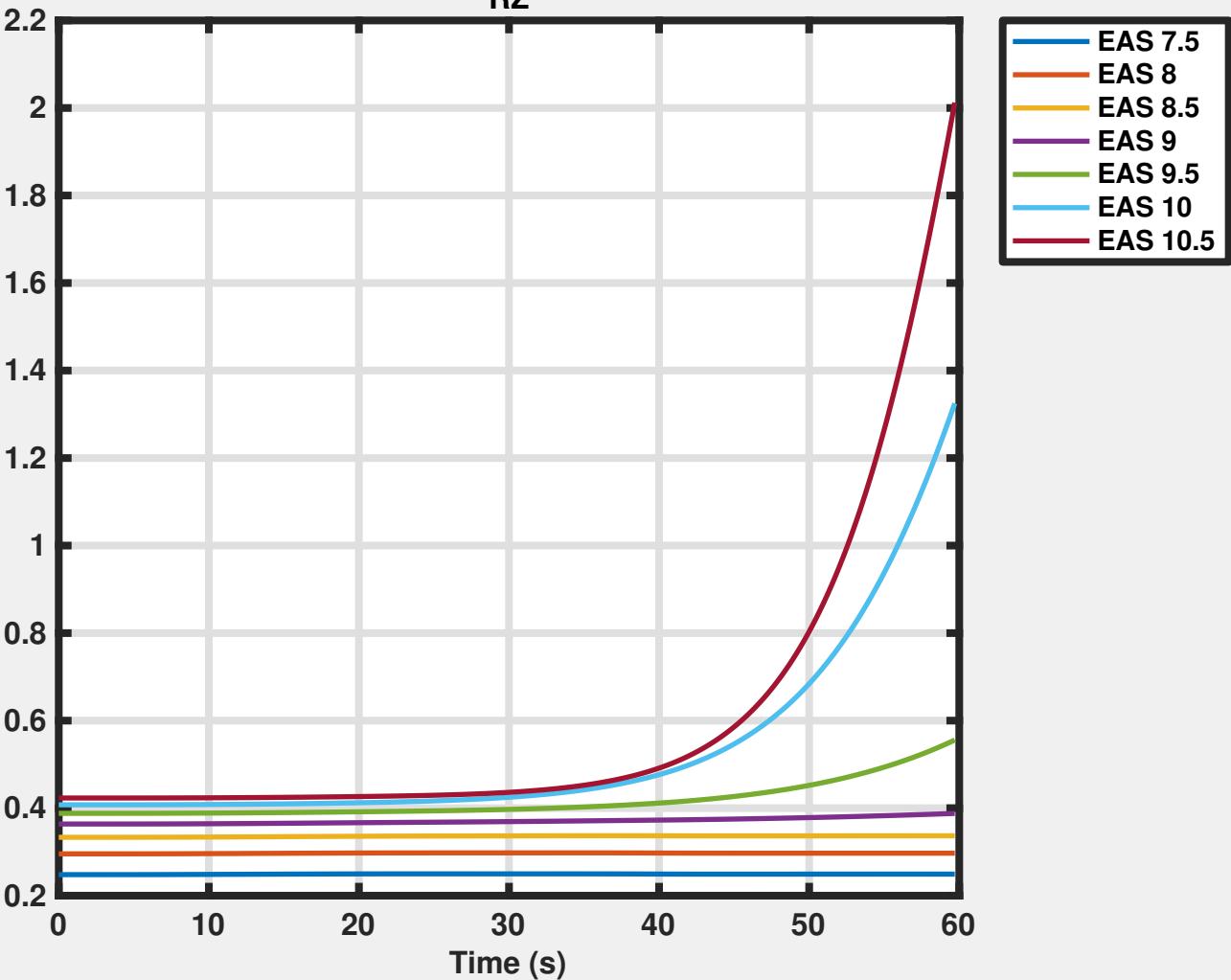
Aswing Trim Conditions

Phi



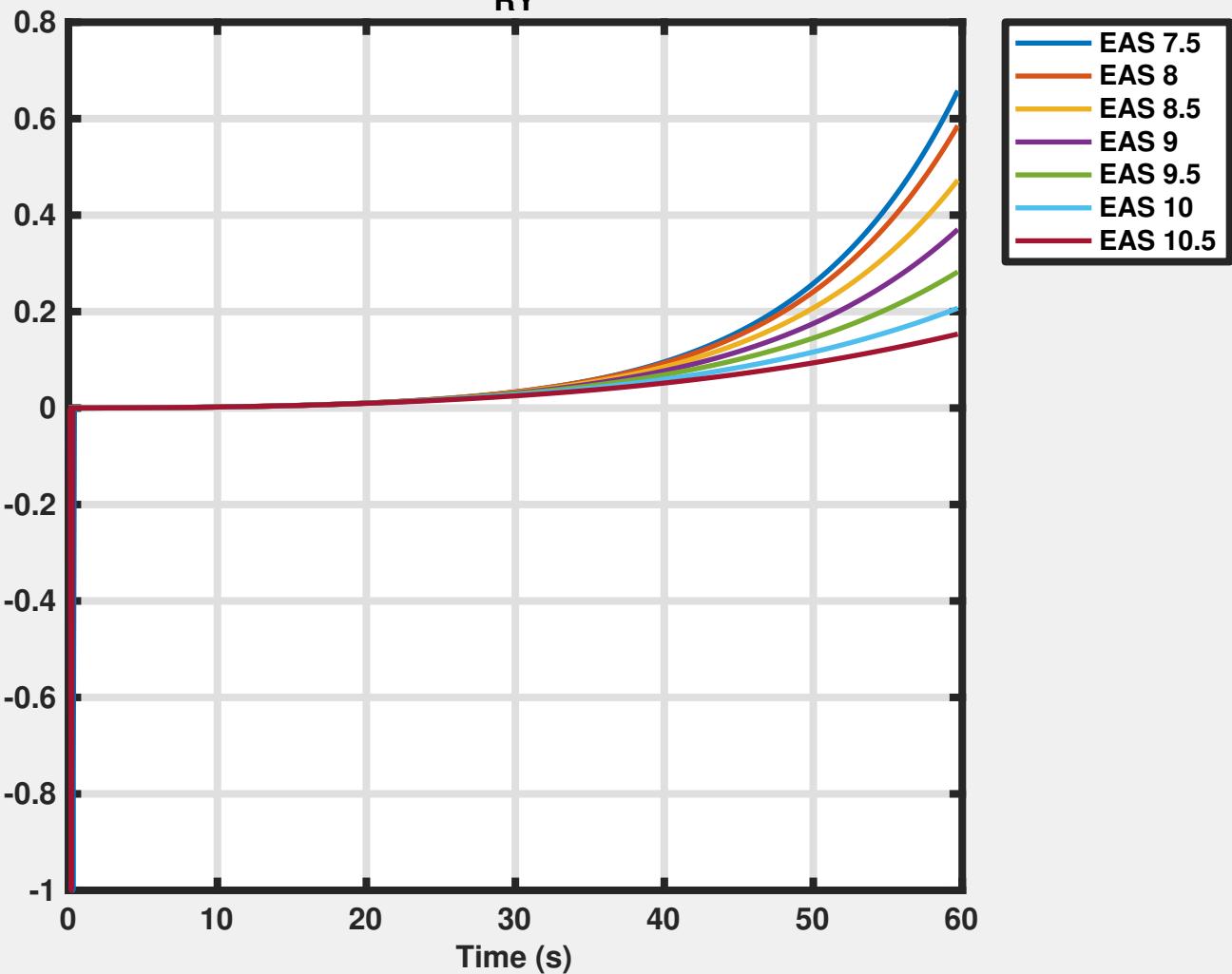
Aswing Trim Conditions

RZ



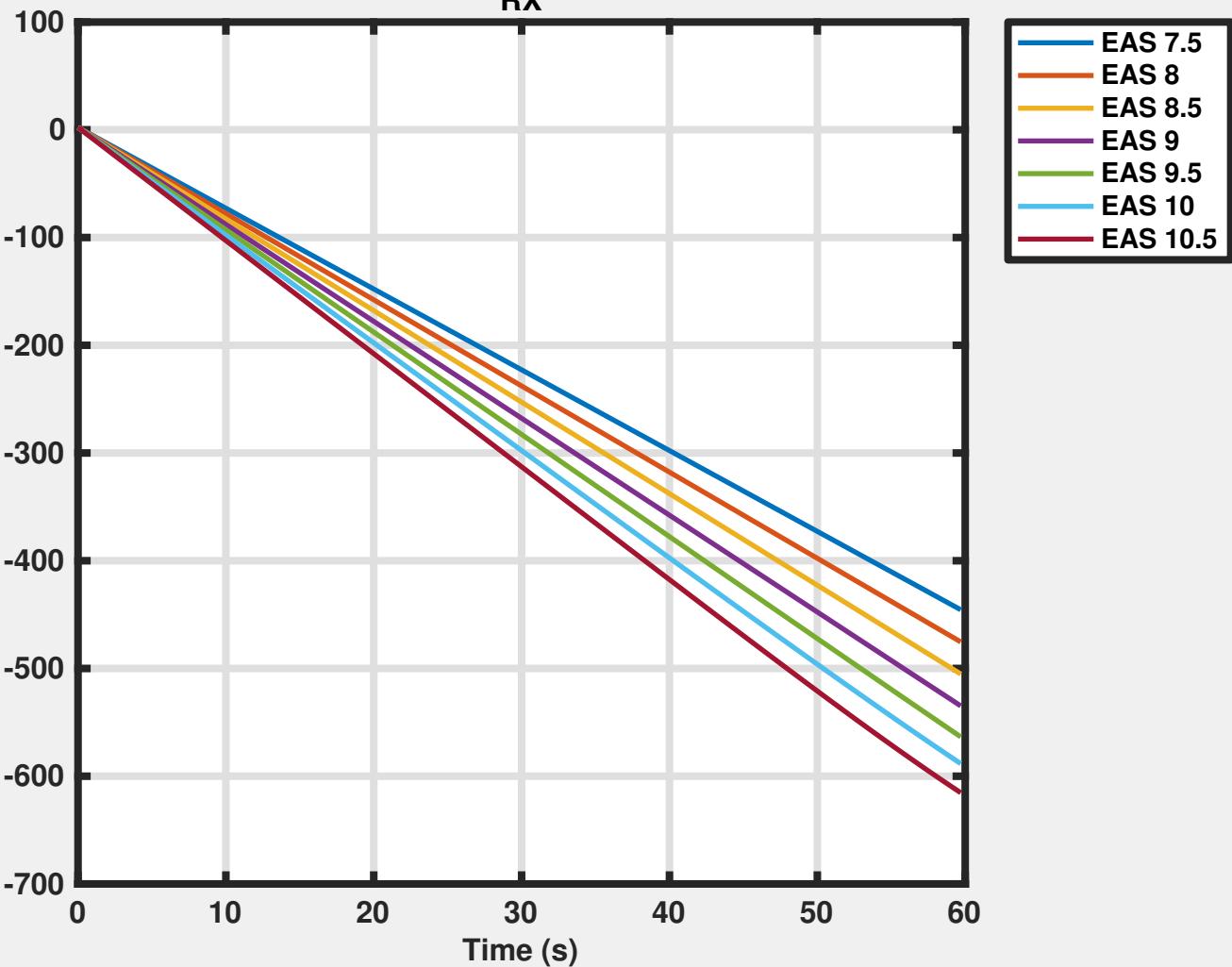
Aswing Trim Conditions

RY



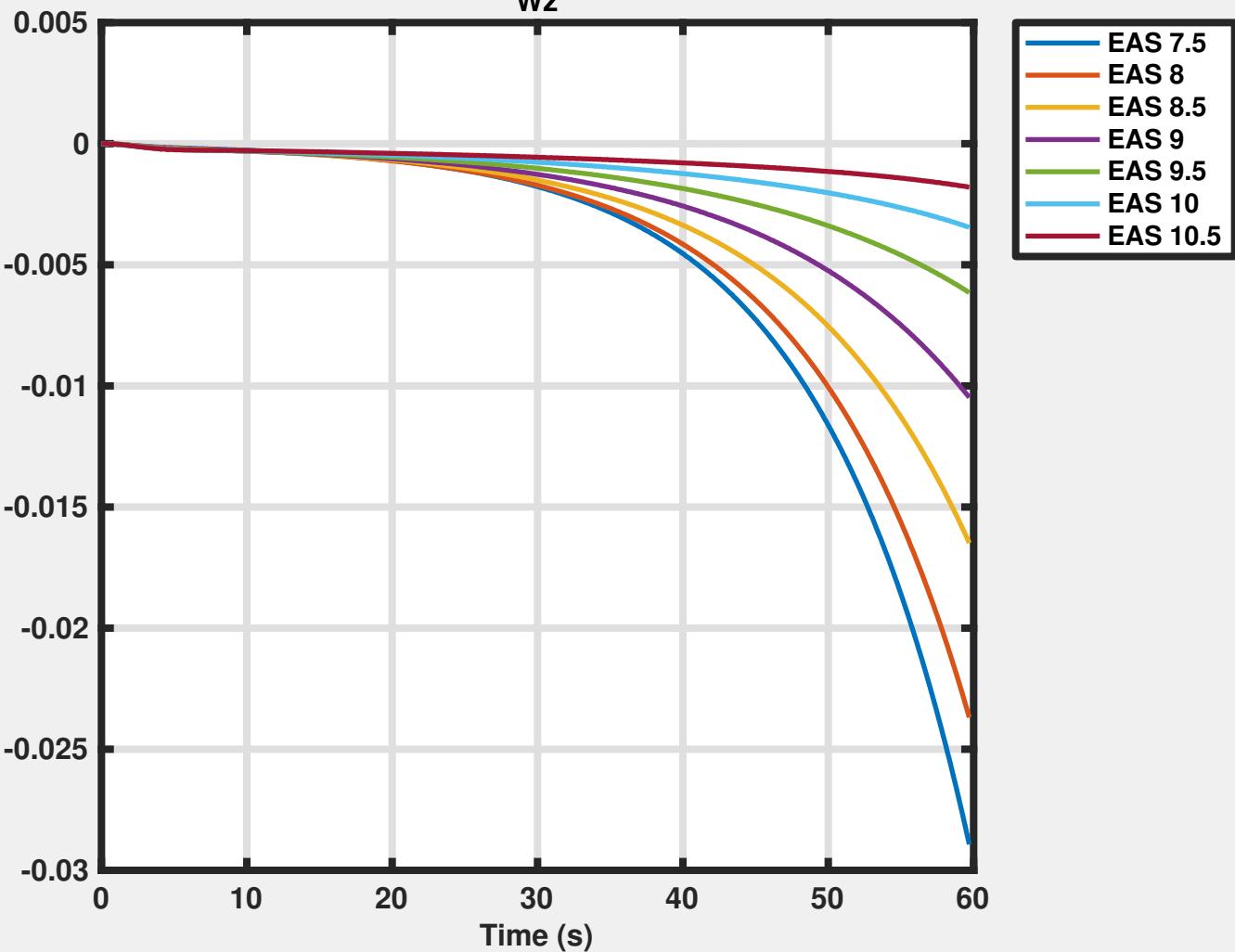
Aswing Trim Conditions

RX



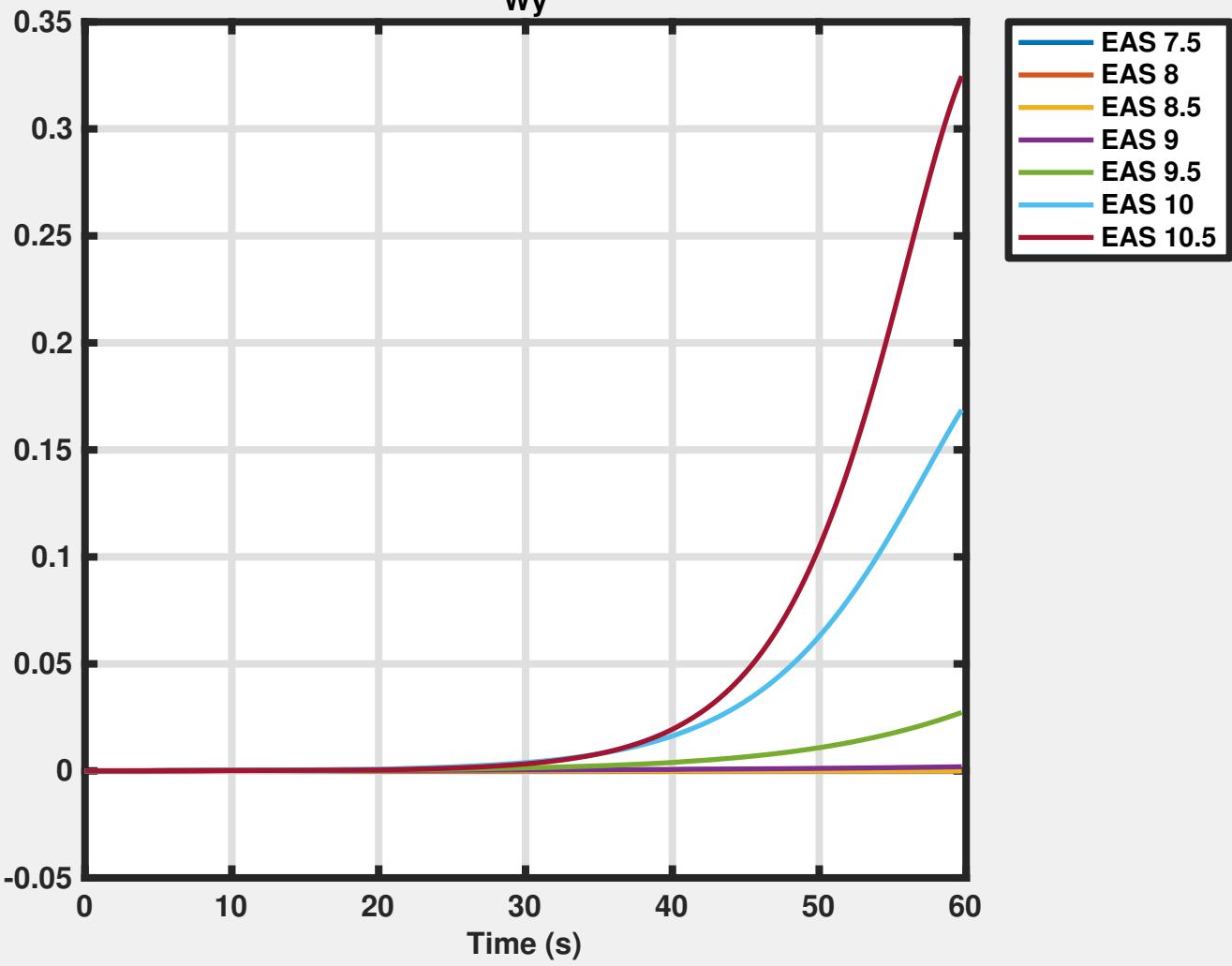
Aswing Trim Conditions

Wz



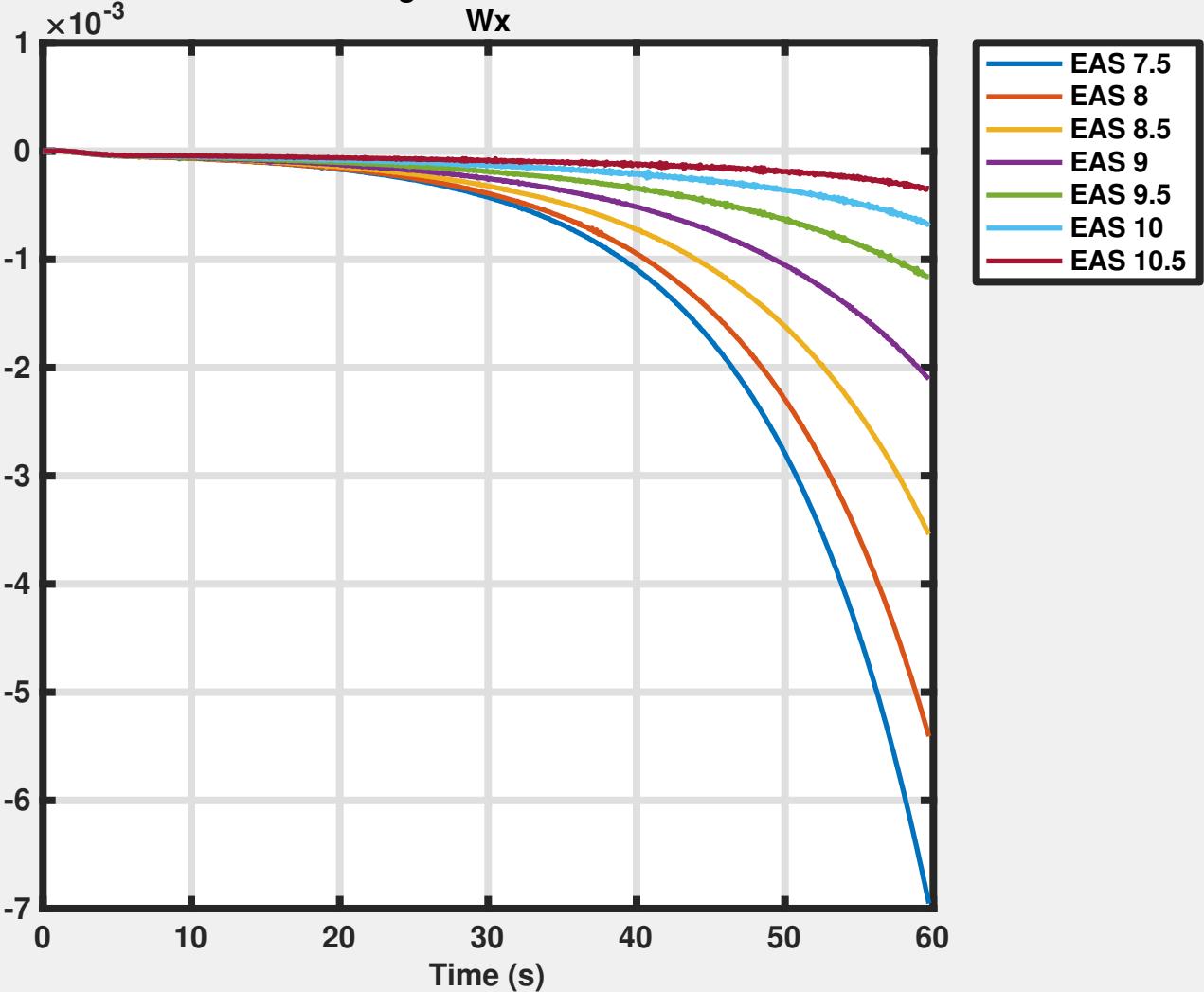
Aswing Trim Conditions

Wy



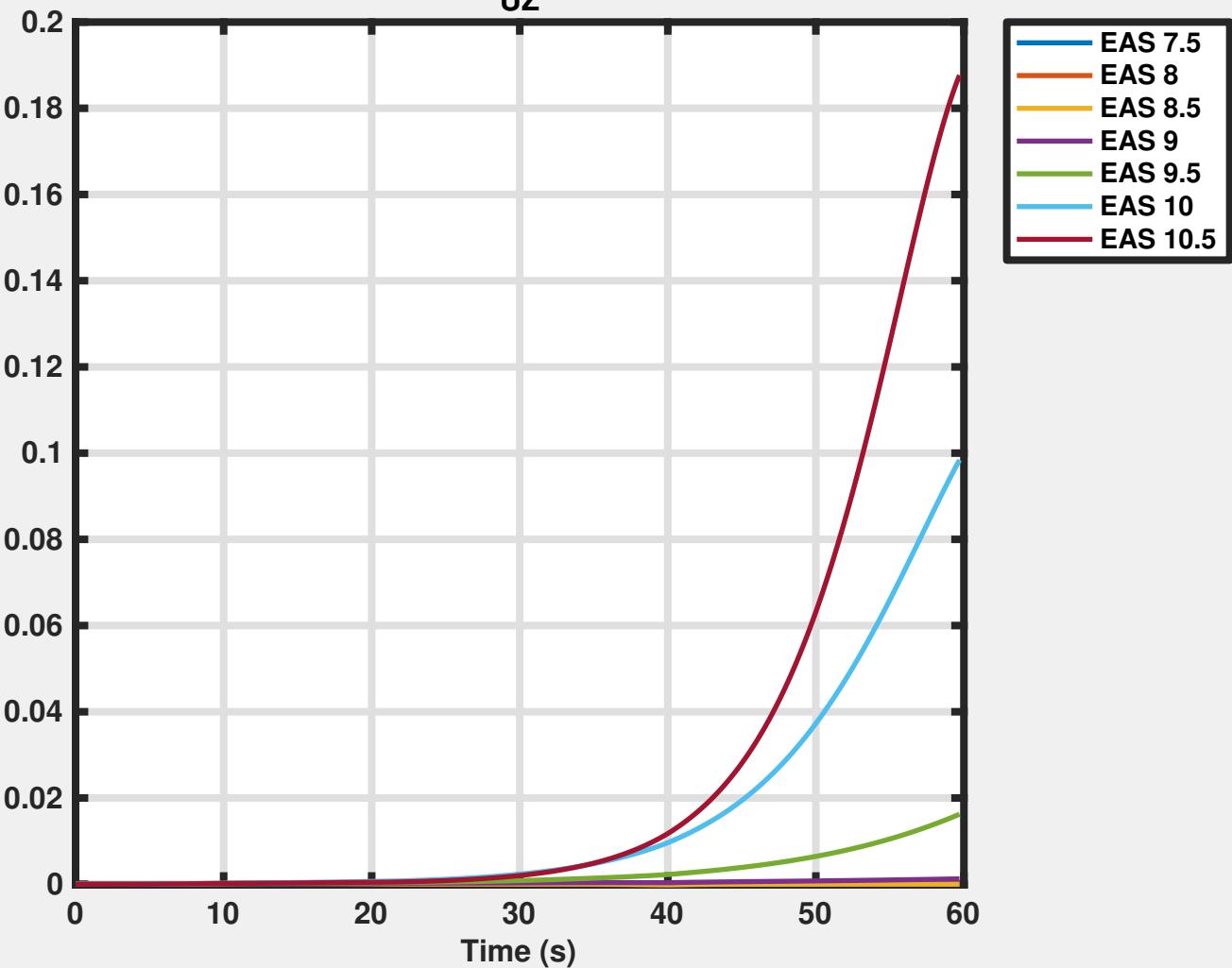
Aswing Trim Conditions

W_x



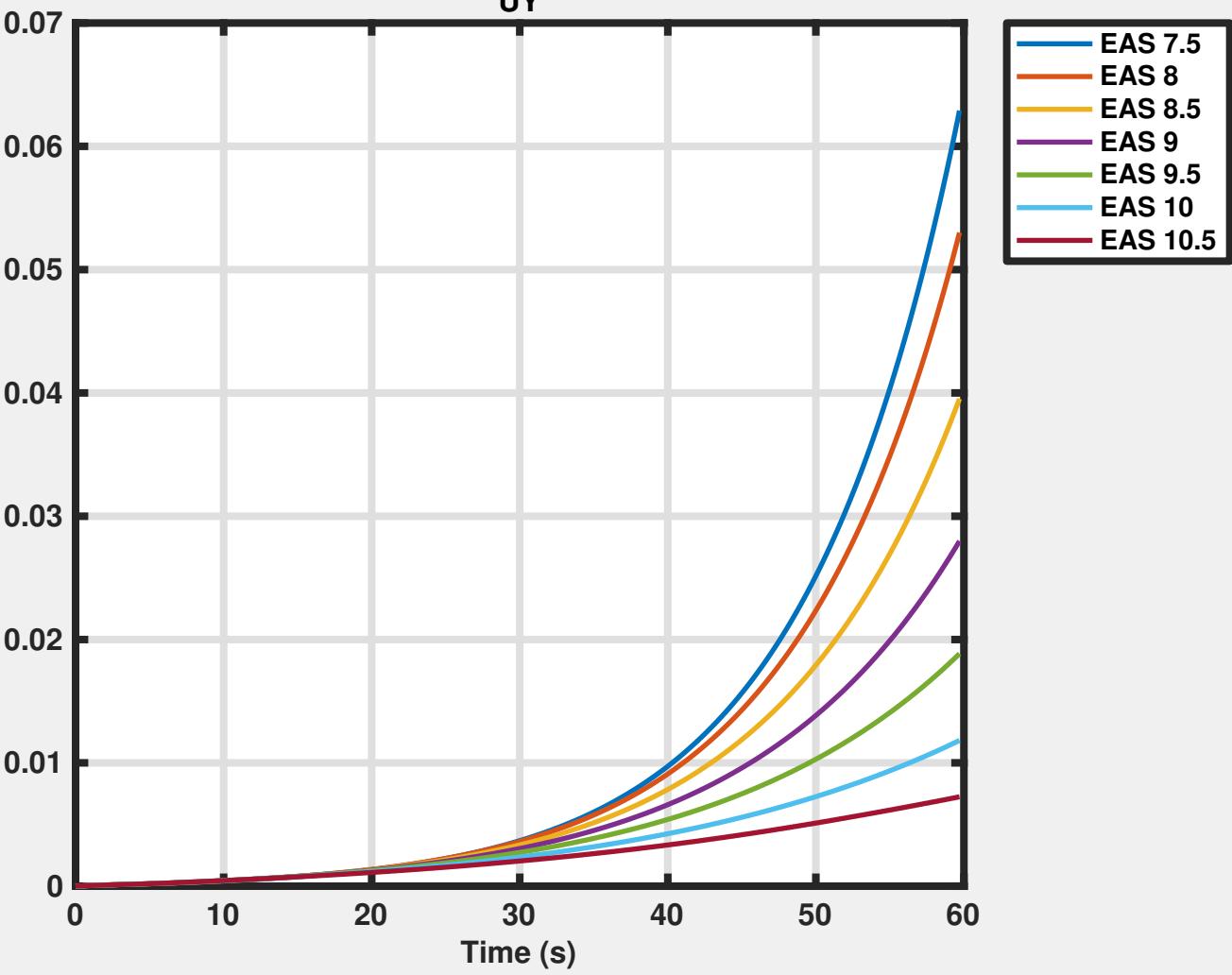
Aswing Trim Conditions

UZ



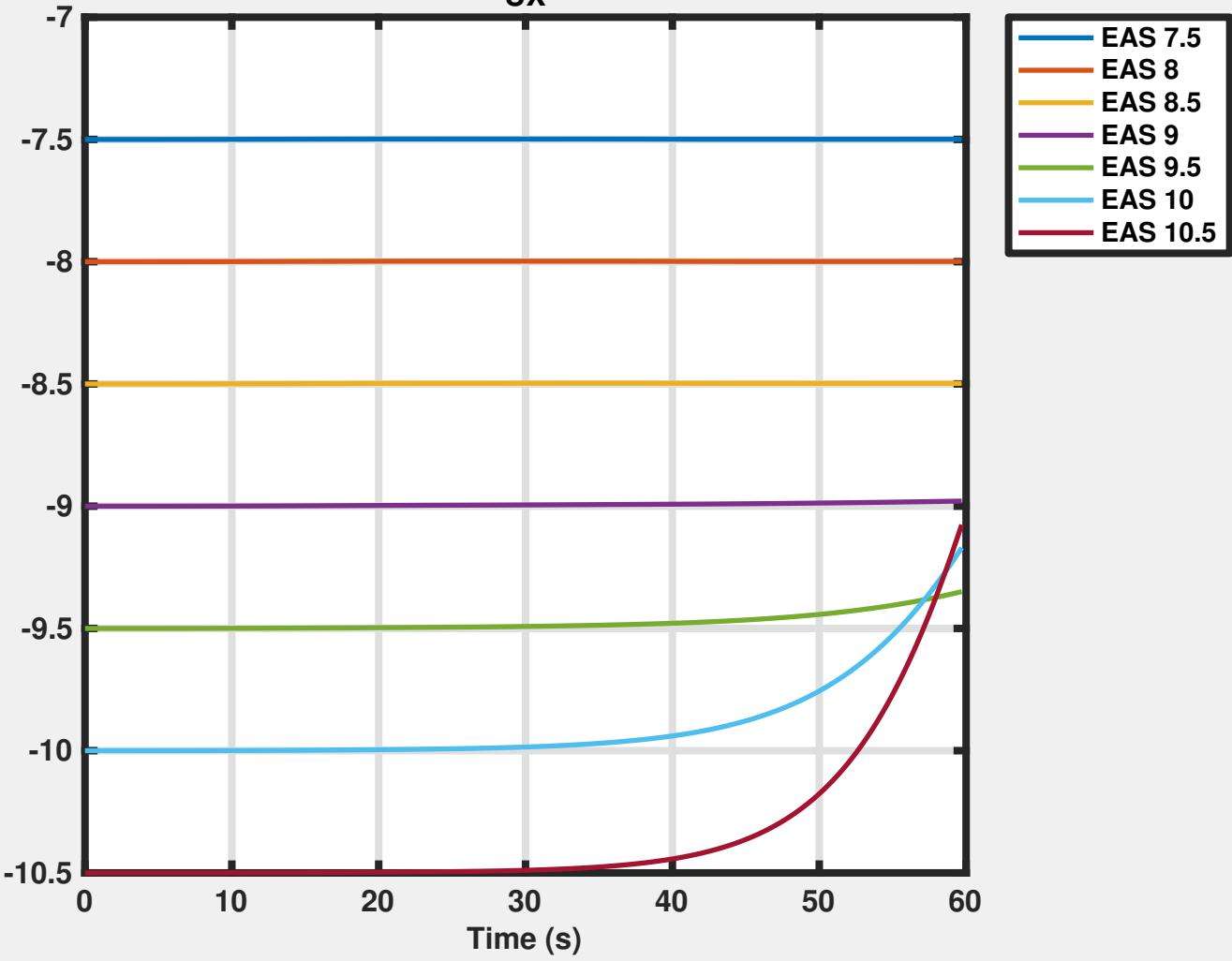
Aswing Trim Conditions

UY

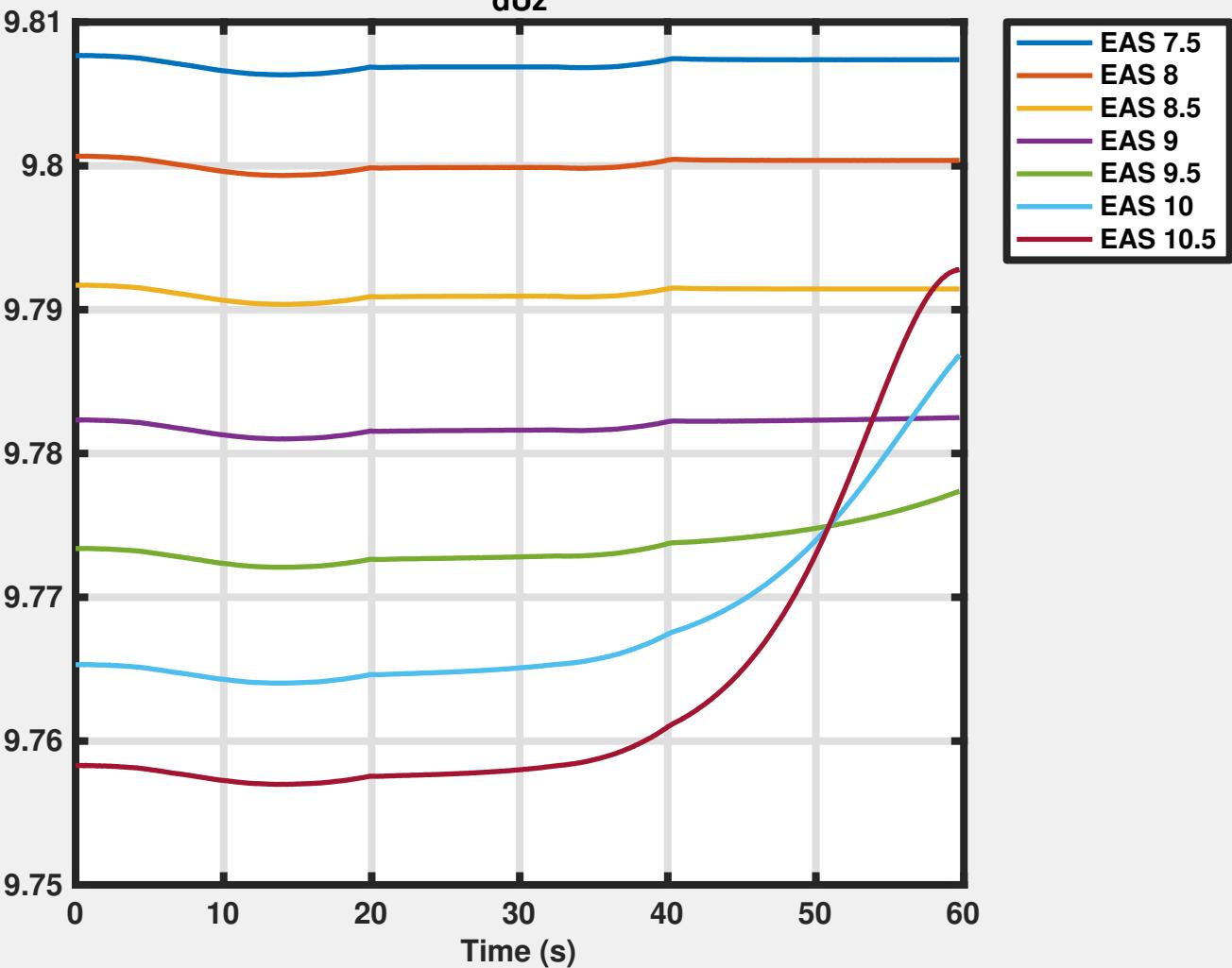


Aswing Trim Conditions

UX

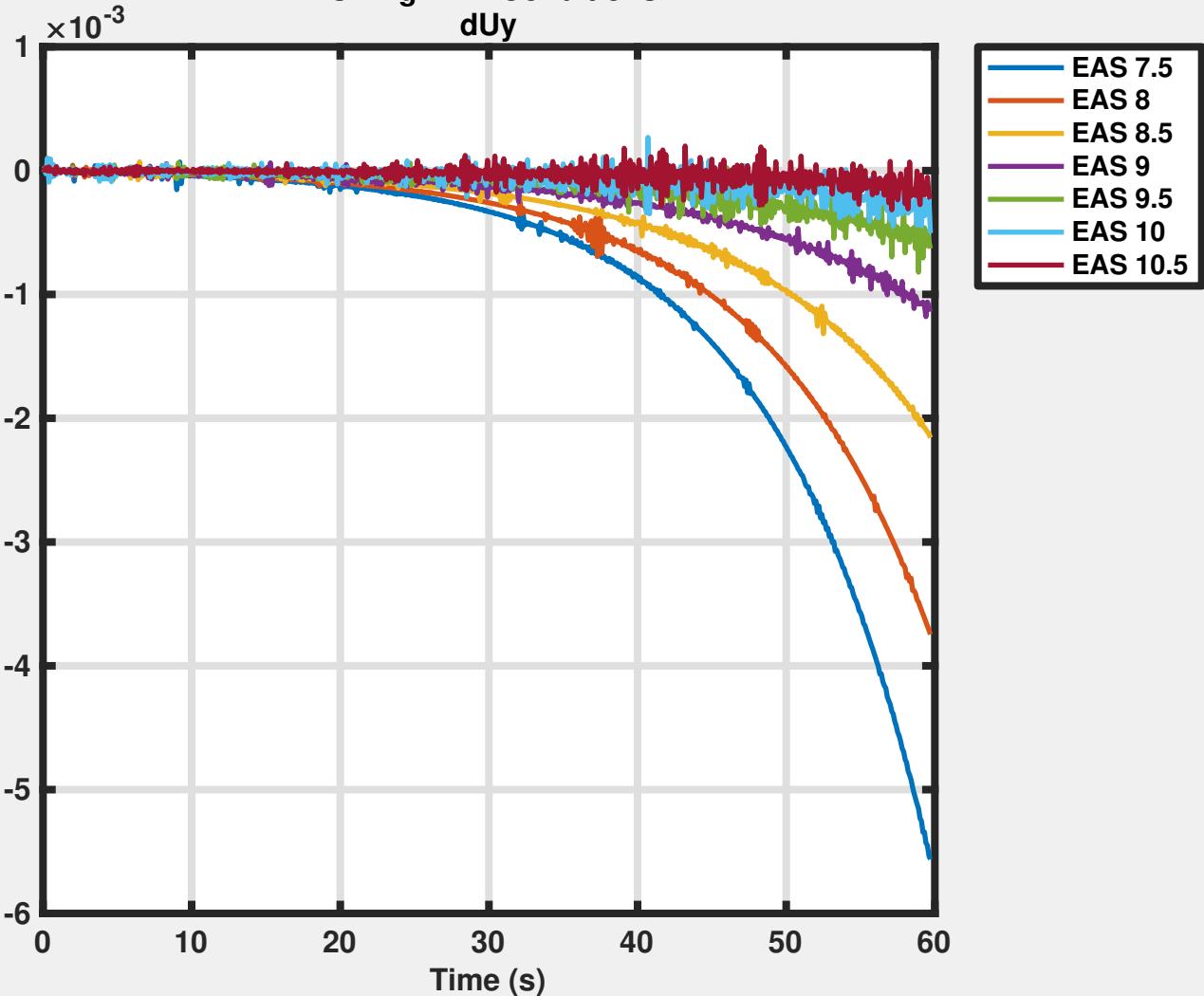


Aswing Trim Conditions dUz



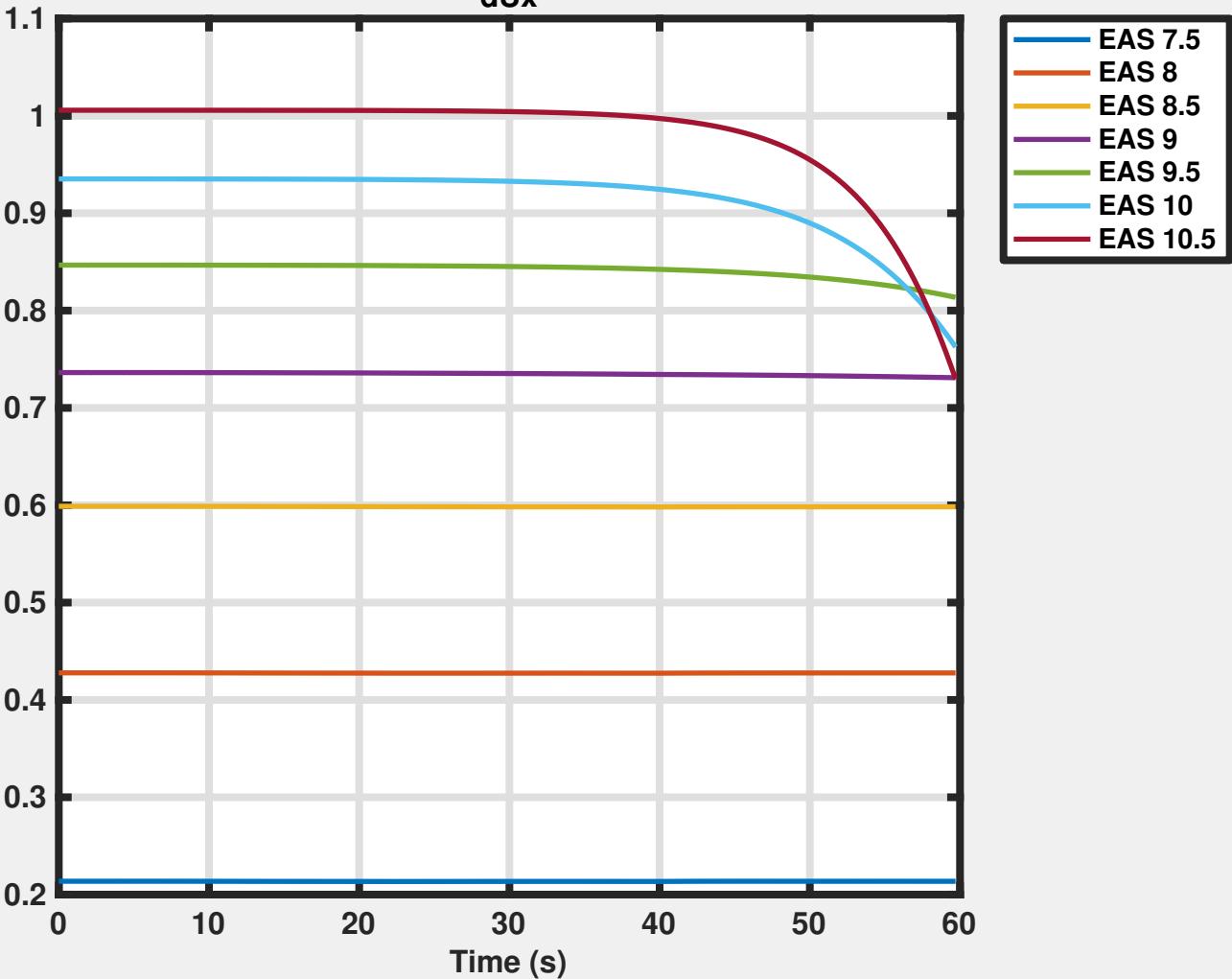
Aswing Trim Conditions

dUy



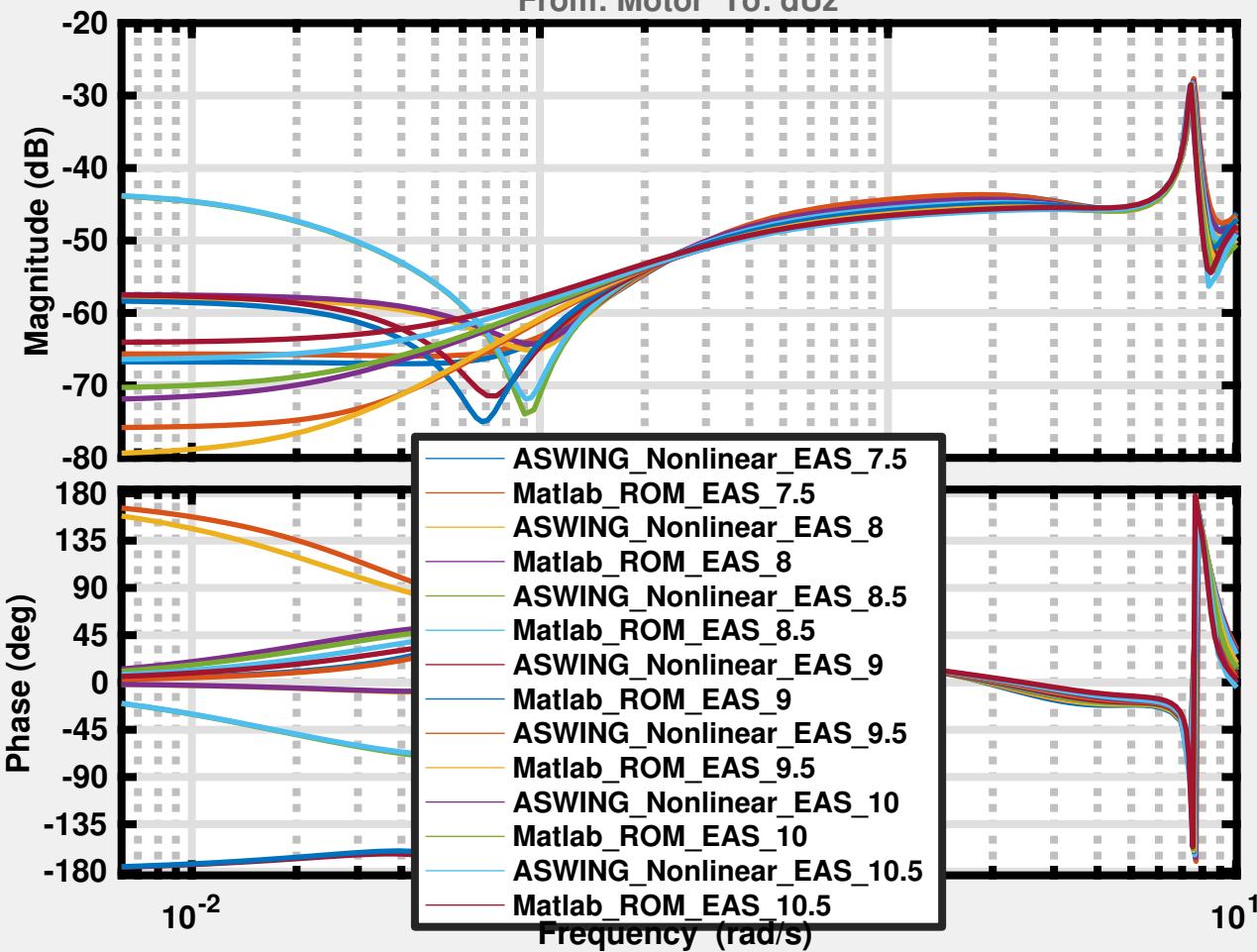
Aswing Trim Conditions

dUx



Bode Diagram

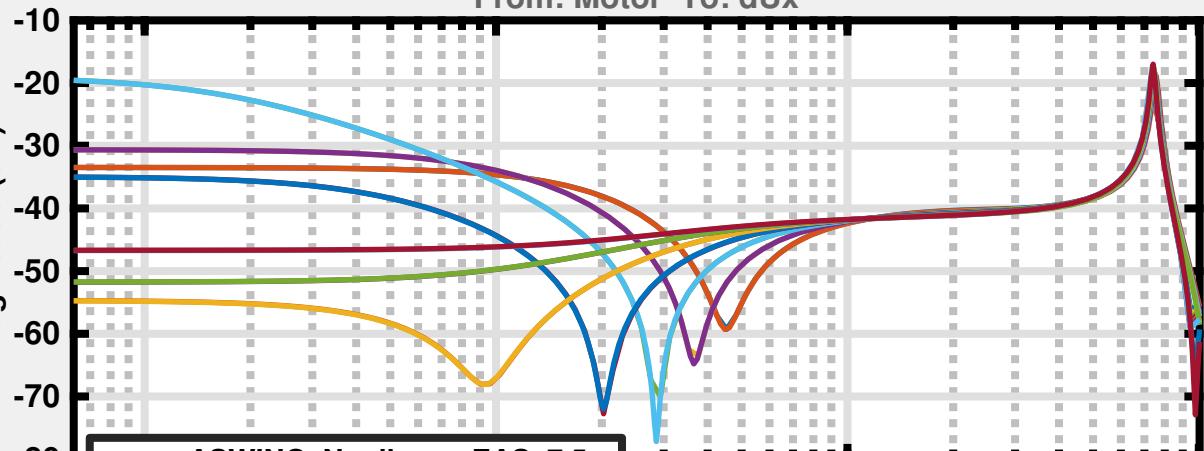
From: Motor To: dUz



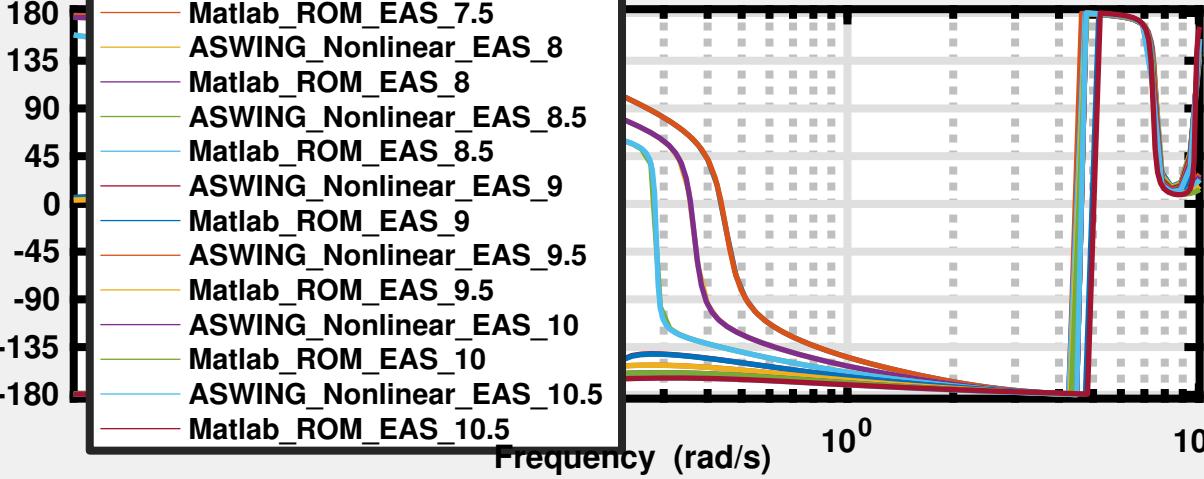
Bode Diagram

From: Motor To: dUx

Magnitude (dB)



Phase (deg)



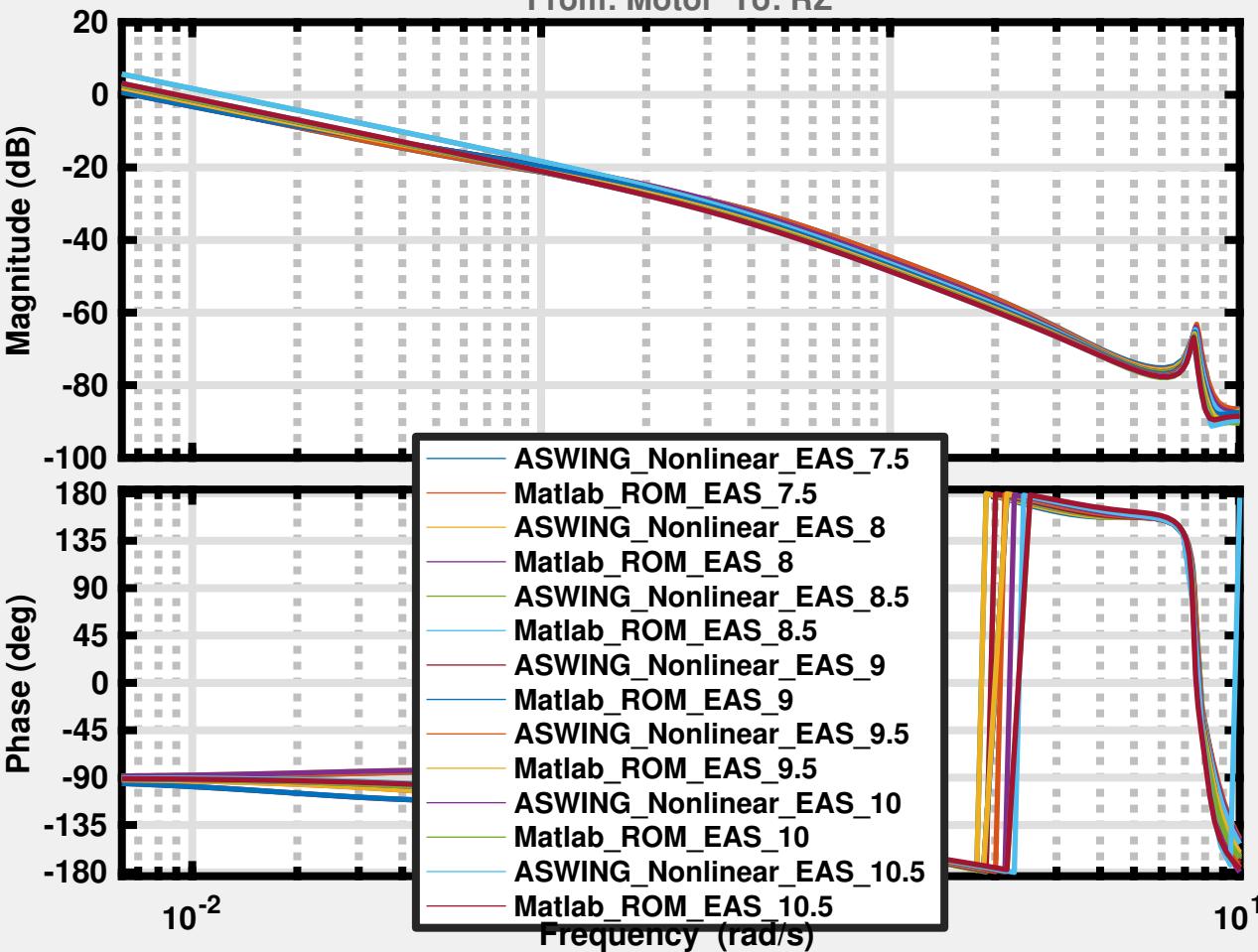
Frequency (rad/s)

10^0

10^1

Bode Diagram

From: Motor To: RZ

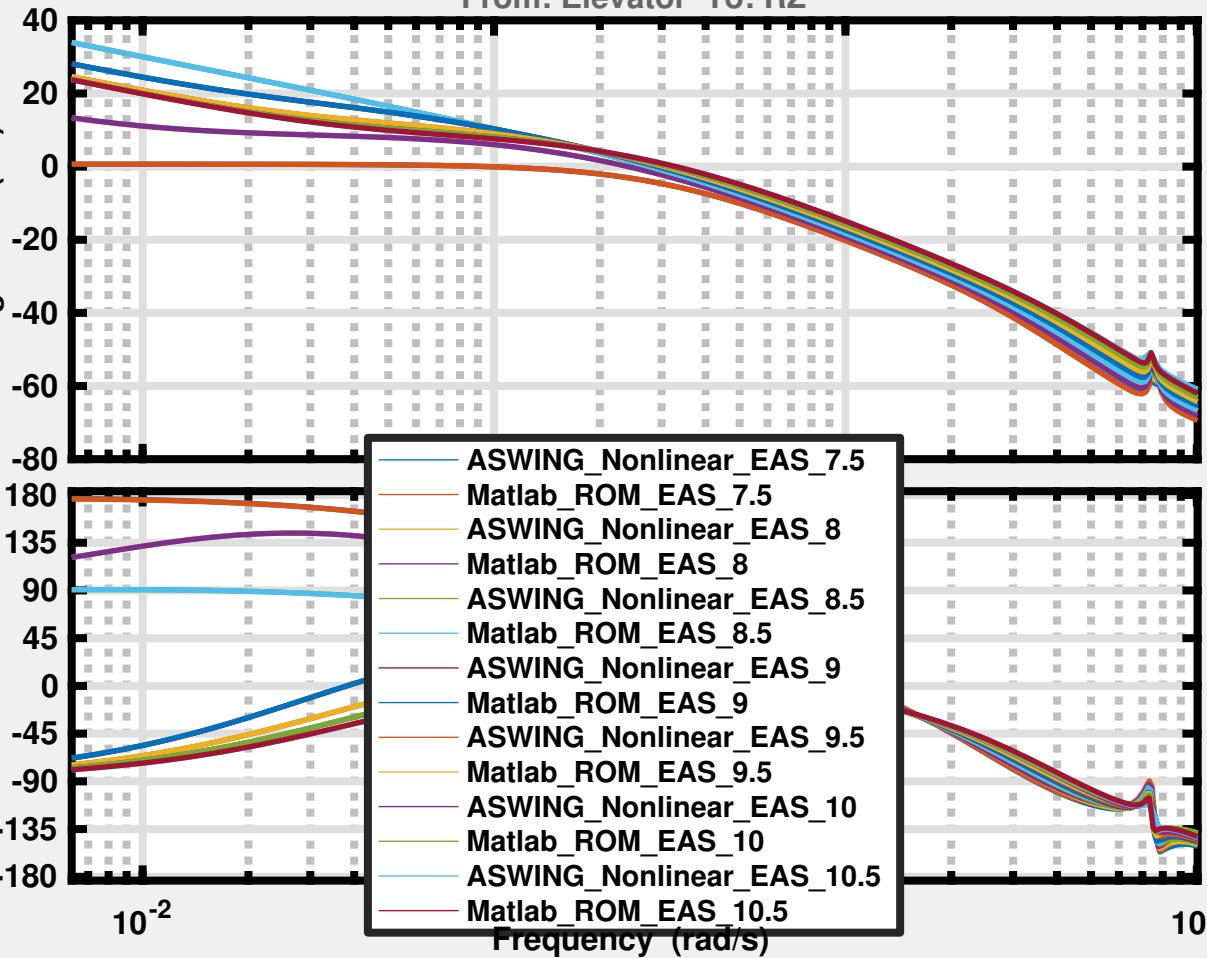


Bode Diagram

From: Elevator To: RZ

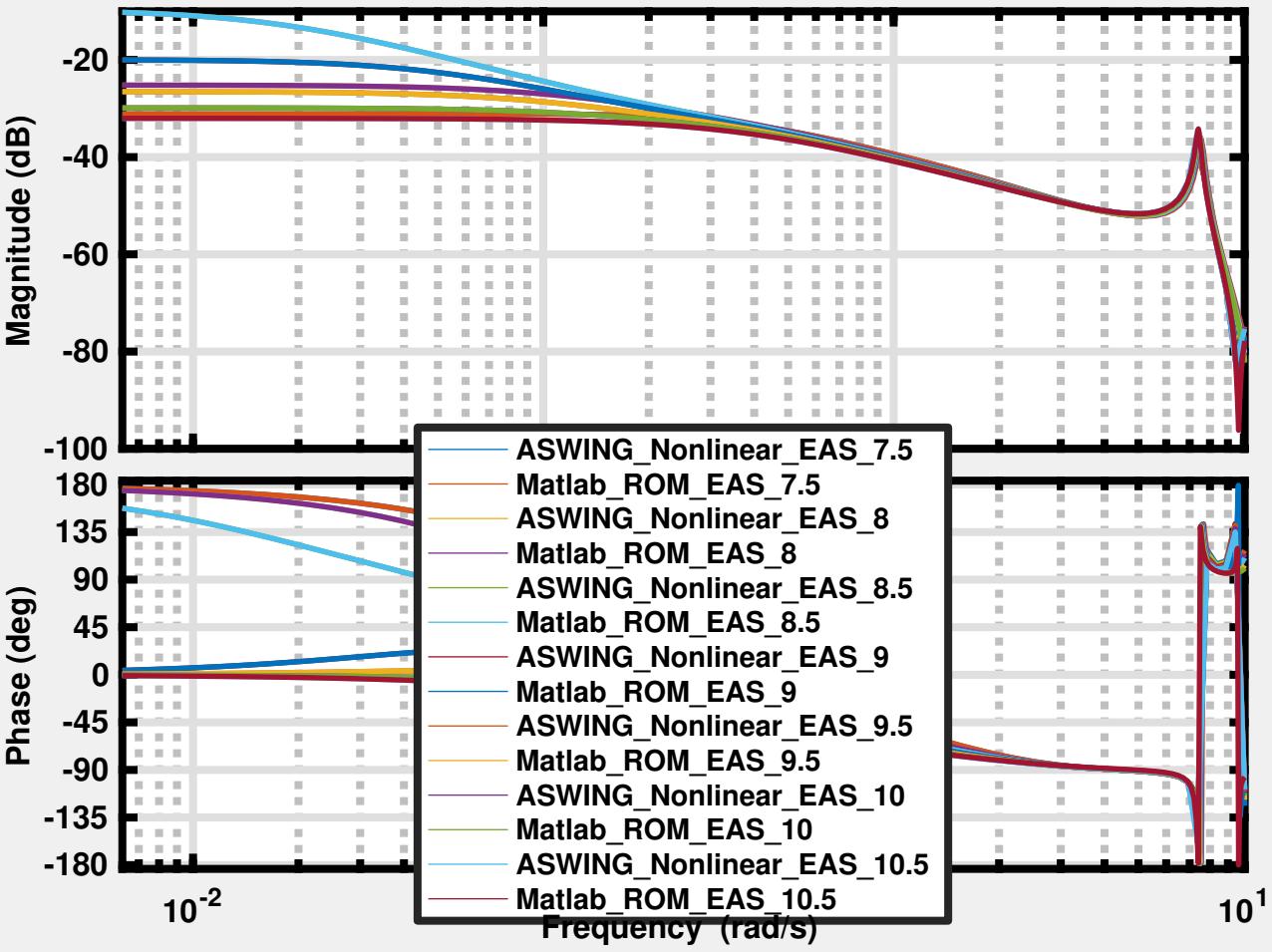
Magnitude (dB)

Phase (deg)



Bode Diagram

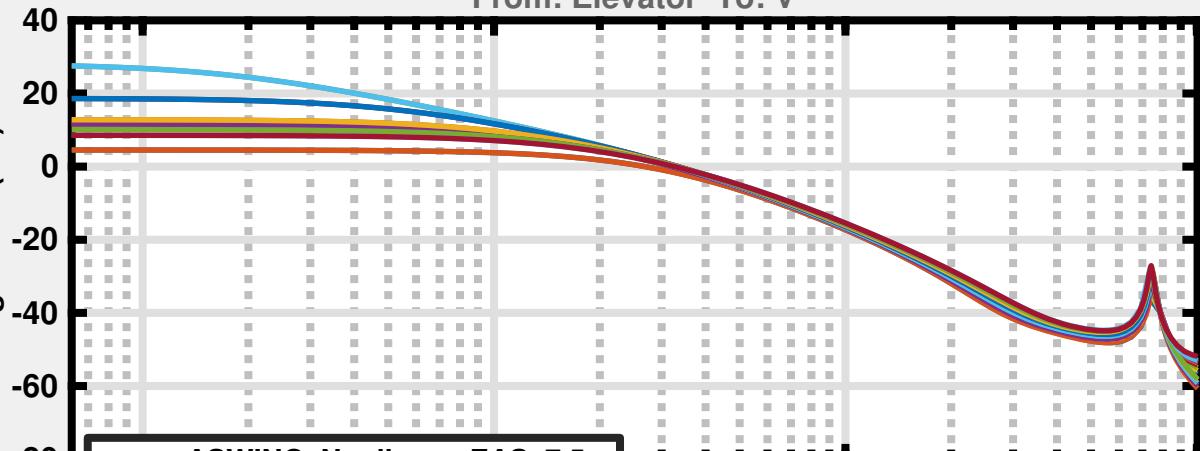
From: Motor To: V



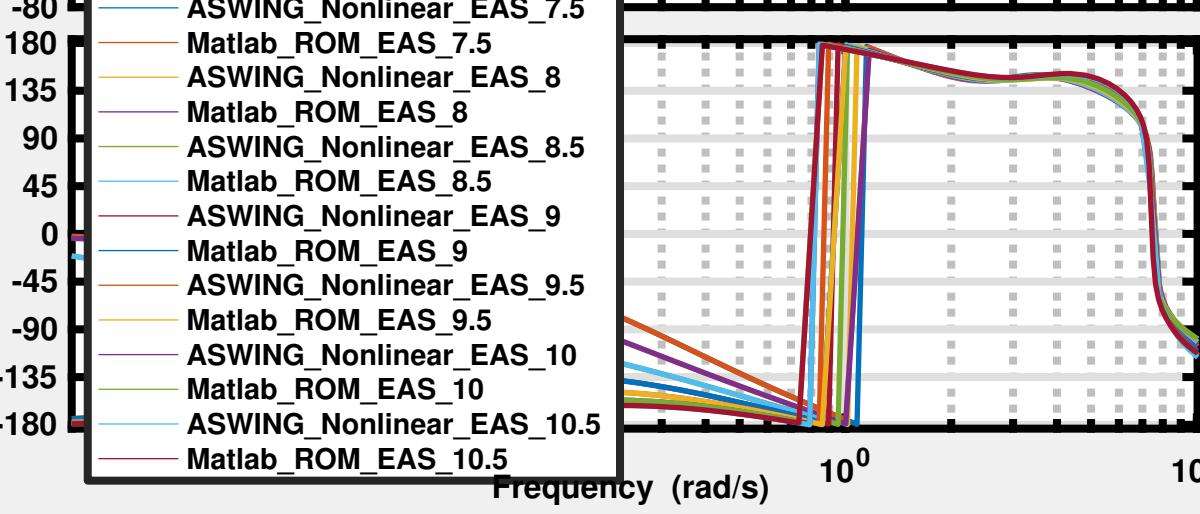
Bode Diagram

From: Elevator To: V

Magnitude (dB)



Phase (deg)

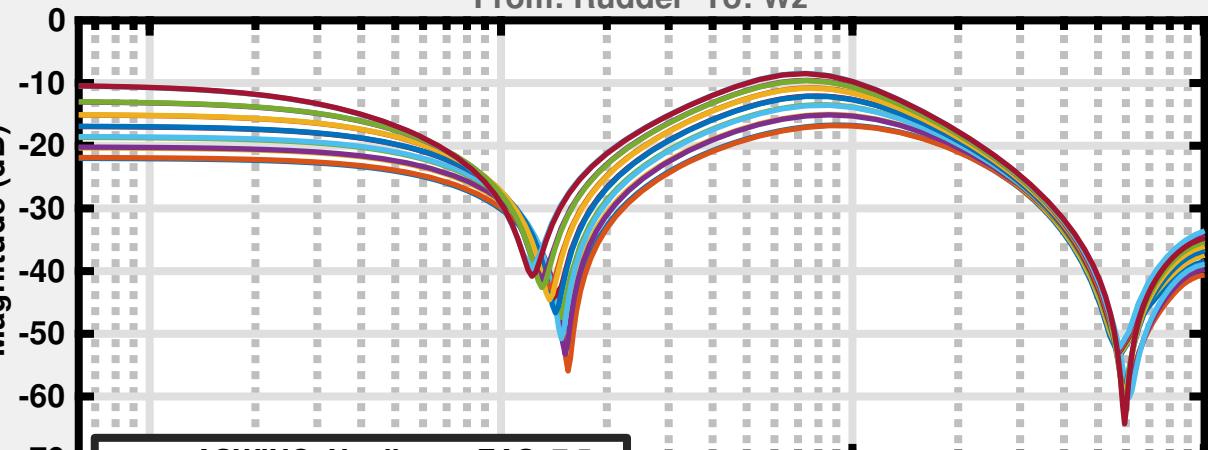


Frequency (rad/s)

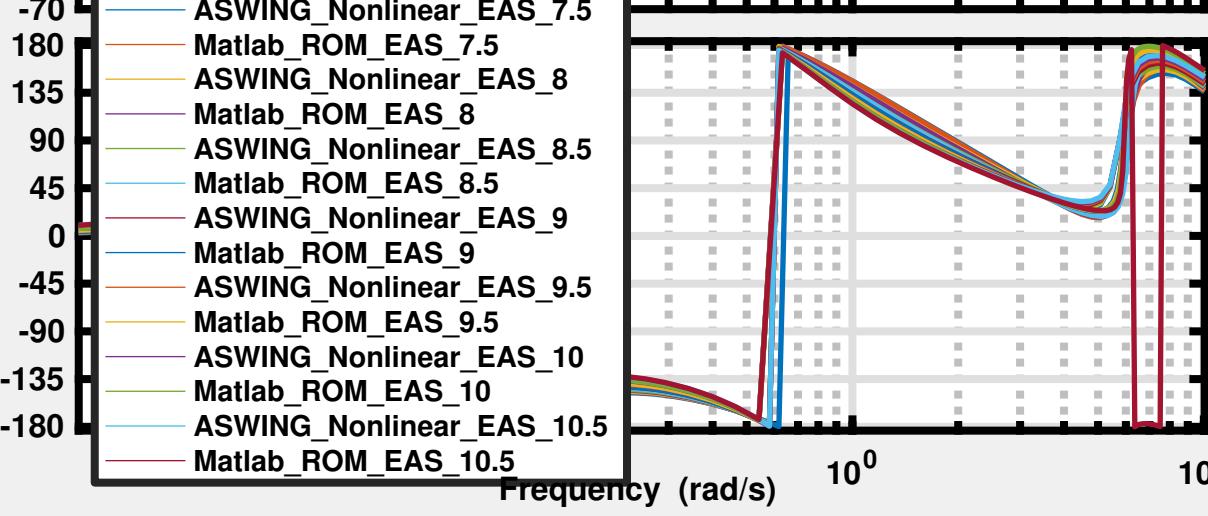
Bode Diagram

From: Rudder To: Wz

Magnitude (dB)



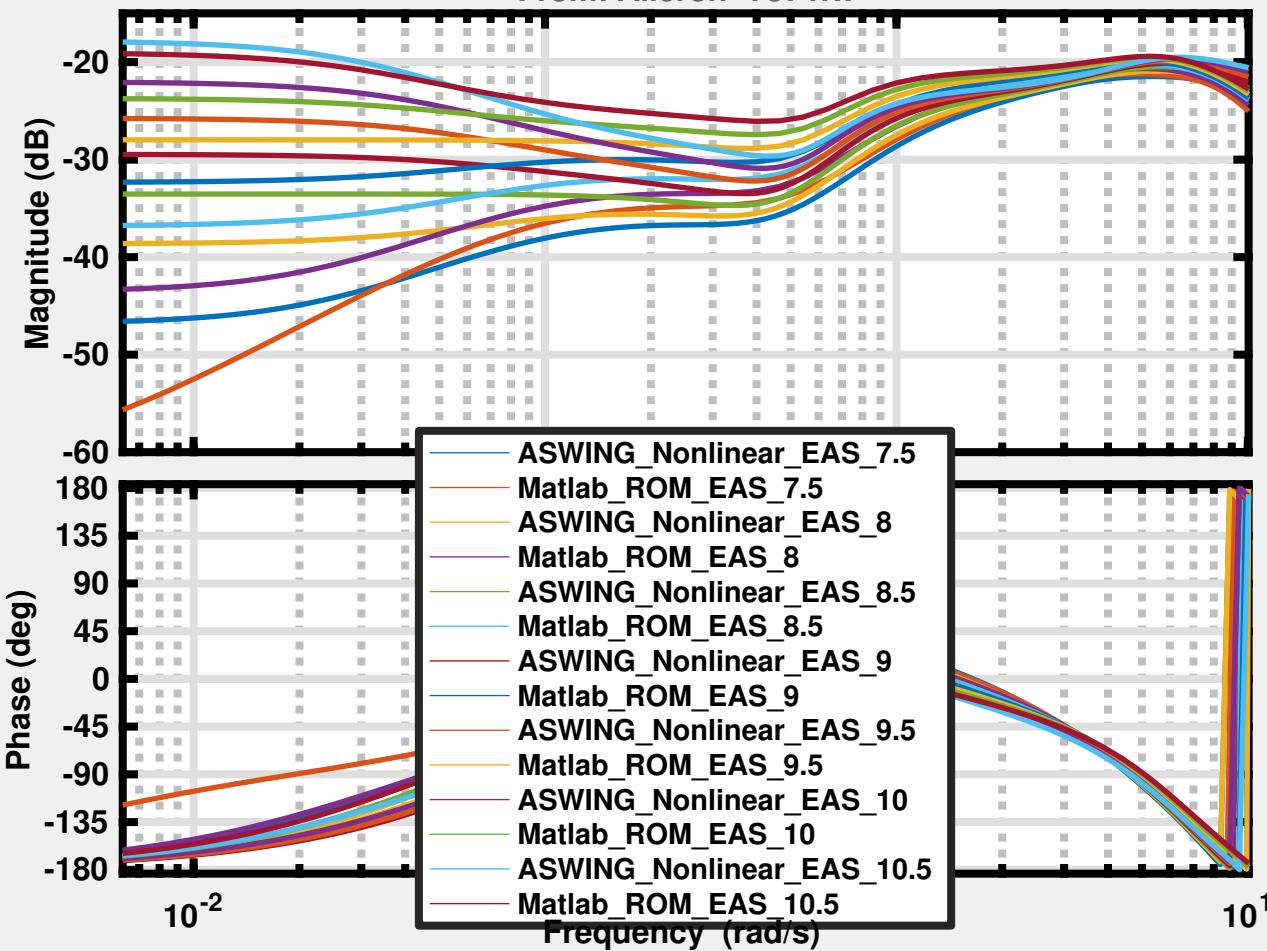
Phase (deg)



Frequency (rad/s)

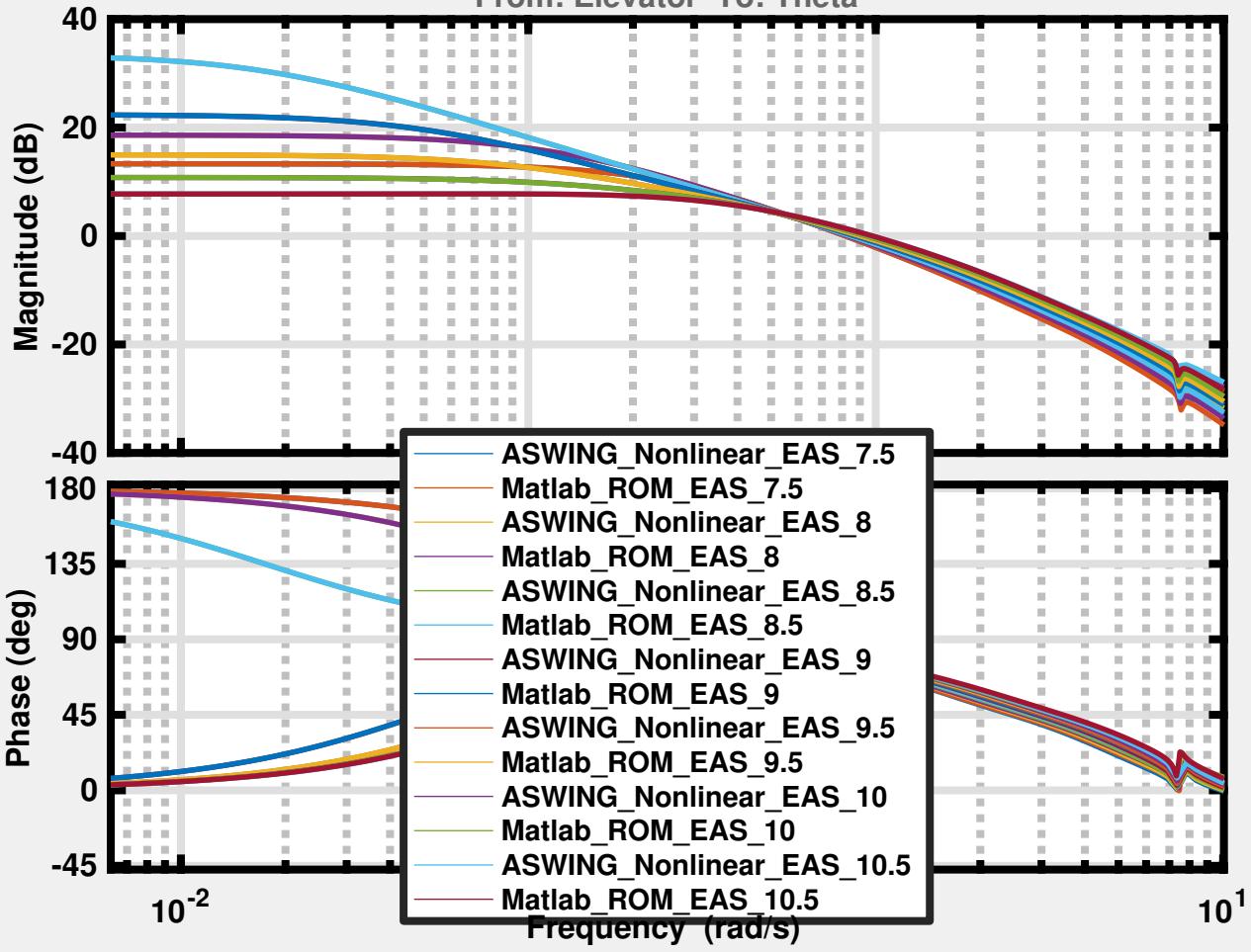
Bode Diagram

From: Aileron To: Wx



Bode Diagram

From: Elevator To: Theta



Bode Diagram

From: Elevator To: Wy

