Corrections to the PhD thesis of Audun Faanes

Page 114, eq. (5.45) – (5.47): $A_k$ shall be replaced with $A_K$.

Page 116-117:

eq. (5.59) shall be changed to

$$u_s = (I - K_u)^{-1} K \hat{x}_s + (I - K_u)^{-1} K_d \dot{d}_s + (I - K_u)^{-1} K r$$

eq. (5.60) shall be

$$\left( I - \left( I - L_x C^m \right) \left( A - B(I - K_u)^{-1} K \right) \right) \hat{x}_s = \left( I - L_x C^m \right) \left( B(I - K_u)^{-1} K_d + E_d \right) \dot{d}_s$$

$$+ \left( I - L_x C^m \right) B(I - K_u)^{-1} K r + L_x y_s$$

eq. (5.61) shall be changed to

$$M_1 = \left( I - M_2 \left( A - M_3 K \right) \right)^{-1}$$

eq (5.63) shall be changed to

$$M_3 = B(I - K_u)^{-1}$$

Page 118

Paragraph after eq. (5.69):

Two places: Reference to eq. (5.39) shall be replace with reference to eq. (5.53)

eq. (5.70): $C^m$ shall be replaced with $C^{m'}$

$$x_{k+1} = \left( A' + B'D_K C^{m'} \right)x_k + \text{etc.}$$