Dear all

In light of today's lecture, please see attached the MPC notes.

I also attached a list of articles which you can peruse for more details on MPC.

Start with the tutorial overview article, and then read the industrial survey one.

Here are a few books and chapters you can look at if you want a textbook explanation on MPC:

*- J.B. Rawlings and D.Q. Mayne*

*Model Predictive Control: Theory and Design*

*Nob Hill Publishing, 2013*

(Probably the most complete textbook on MPC. See chapters 1 and 2 for a good overview of MPC.)

- *F. Borrelli, A. Bemporad, M. Morari*

*"Predictive Control for linear and hybrid systems"*

*October 19, 2015*

*(Unknown publisher)*

(See Chapter 13. They call it Receding Horizon Control, but the formulation is the same as MPC. This will be slightly easier than the previous textbook, but not as complete.)

*- E.F. Camacho, C. Bordons*

*Model Predictive Control*

*2nd Edition, 2007*

*Springer-Verlag, London*

(This is not my favourite textbook, but it is an option.)

All these files will also be available in the shared Google Drive folder.

Regards

Derik le Roux