Virtual Graduate Process Control Textbook

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The Computer Aids for Chemical Engineering (CACHE) Corporation has started a new task force with the goal of creating a virtual graduate process control book (VCB), based upon a survey on graduate process control education whose findings were presented at CPC VII [1]. Some initial contributions to the VCB have been compiled on the following web site:

http://www.cse.sc.edu/~gatzke/cache/

Once completed, this book will consist of a variety of modules to meet the diverse needs of graduate process control education. To achieve this, we would like to solicit contributions from the process control community. If you have material that can be used for this textbook, please consider contributing to the book. Contributions can be in the form of MS Word or LaTex files, PDFs, Powerpoint presentations, or MATLAB examples. Lecture notes, supplemental readings, tutorials, and simulation case studies are all encouraged. The contributed material will be reviewed by an editorial committee before inclusion in the virtual textbook.

Only documents where the contributor is the copyright holder should be submitted. Out of print book chapters may be contributed if you are the copyright owner for the material. Also, it is possible to provide a link from the VCB web site to other sites if the documents must reside on a non-CACHE server due to copyright reasons.

Please contact us:
(1)   if you have any content ready to contribute,
(2)   if you are willing to develop material on a specific topic,
(3)   if you have any feedback or suggestions for this effort.

Thank you.

[1] T. Edgar, B. Ogunnaike, and K. Muske. A Global View of Graduate Process Control Education, Proceedings CPC VII, Lake Louise, Canada, 2006.