Virtual Graduate Process Control Textbook

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A recent survey on graduate process control education was conducted and the findings were presented at CPC VII [1]. One observation from the survey was the lack of a common graduate process control textbook. To address this issue, 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.

This book will consist of a variety of modules to meet the diverse needs of graduate process control education. An outline of some of the modules to be included can be found in the attached document. The list is not meant to cover every possible topic and can be expanded based upon feedback from the community.

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.

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The textbook itself will be hosted on the CACHE Corporation server (www.cache.org) and will be freely accessible, including source files.

If you have any content ready to contribute, or you are willing to develop material on a specific topic, contact gatzke@sc.edu or hahn@tamu.edu.

Any feedback or suggestions for this effort are also welcome. 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.