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# **Aspen Plus®**

## ***Aspen Plus User Guide***

**Version 10.2**



**Aspen Technology, Inc.**

# Aspen Plus User Guide

**Thomas A. Adams II**



## **Aspen Plus User Guide:**

*ASPEN PLUS User Guide Appendices* Aspen Technology, Inc,1988      Aspen Plus Kamal I. M. Al-Malah,2022-10-12

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framework for optimizing chemical processes by implementing a link between process simulators and metaheuristic techniques The proposed approach is general and shows how to implement links between different process simulators such as Aspen Plus HYSIS Super Pro Designer linked to a variety of metaheuristic techniques implemented in Matlab Excel C and others eliminating the numerical complications through the optimization process Furthermore the proposed framework allows the use of thermodynamic design and constitutive equations implemented in the process simulator to implement any process Aimed at graduate and undergraduate students it presents introductory chapters for process simulators and metaheuristic optimization techniques and provides several worked exercises as well as proposed exercises In addition accompanying tutorial videos clearly explaining the implemented methodologies are available online Also some Matlab routines are included as electronic supporting material

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Aided Process Engineering - 11 R. Gani, S.B. Jørgensen, 2001-04-30 This book contains papers presented at the 11th Symposium of Computer Aided Process Engineering ESCAPE 11 held in Kolding Denmark from May 27-30 2001. The objective of ESCAPE 11 is to highlight the use of computers and information technology tools that is the traditional CAPE topics as well as the new CAPE topics of current and future interests. The main theme for ESCAPE 11 is process and tools integration with emphasis on hybrid processing, cleaner and efficient technologies, process integration, computer aided systems for modelling, design, synthesis, control, tools integration and industrial case studies, application of integrated strategies. The papers are arranged in terms of the following themes: computer aided control operations, computer aided manufacturing, process and tools integration and new frontiers in CAPE. A total of 188 papers consisting of 5 keynote and 183 contributed papers are included in this book.

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