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The Good, the Bad, and Your Real Choices - Decision Support for Energy Systems Synthesis through Near-Optimal Solutions AnalysisAbstract; 1. Introduction; 2. Decision support through near-optimal solutions analysis; 3. Industrial synthesis problem; 4. District synthesis problem; 5. Conclusions; Acknowledgements; References; Achieving More Sustainable Designs through a Process Synthesis-Intensification Framework; Abstract; 1. Introduction; 2. Process Synthesis-Intensification Framework; 3. Case Study; 4. Conclusions; References
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3. The Templates

Sommario/riassunto

The 24th European Symposium on Computer Aided Process Engineering creates an international forum where scientific and industrial contributions of computer-aided techniques are presented with applications in process modeling and simulation, process synthesis and design, operation, and process optimization. The organizers have broadened the boundaries of Process Systems Engineering by inviting contributions at different scales of modeling and demonstrating vertical and horizontal integration. Contributions range from applications at the molecular level to the strategic level of the supply cha