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Title: Comparison of stabilizing control structures for four-product Kaibel column

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Highlights

- This paper proposes three control structures for the four-product Kaibel column.
- The feasibility of the proposed process is tested by rigorous simulation.
- Control performances with active liquid or vapor split are better than those with fixed splits in Kaibel column.
- PID control is able to handle disturbances inserted into the four-product Kaibel column.

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