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Modelling and Simulation of Heat Pumps for Simultaneous Heating and Cooling

Guest Editor:

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Message from the Guest Editor

Refrigeration and heat pump systems are used as cooling and heating devices, but each one can also do both cooling and heating. Reversible heat pumps were first used for heating or cooling alternatively. However, the best COP is obtained when the heating and cooling productions are simultaneous.

This Special Issue intends to collect past and new studies on the subject and to present best practices for the design, performance assessment, and optimization of heat pumps for simultaneous heating and cooling.



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Special Issue



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Message from the Editor-in-Chief

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