







































































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of the research was to maximize the distillate production of the md modules while reducing their thermal energy consumption being those two important weaknesses of the current technology as well as their minimizing operating costs the optimised operating strategies were tested in a real pilot plant located at plataforma solar de almería a dependency of the centro de investigaciones energéticas medioambientales y tecnológicas ciemat of spain all in all this thesis offers extensive information on control and modeling algorithms and on their practical applications in solar membrane distillation plants

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