

عنوان مقاله:

PSEUDO BOND GRAPH STRUCTURAL MODELING FOR ZONE CONTROL OF HEATING SYSTEMS IN DWELLINGS FOR ENERGY CONSERVATION

محل انتشار:

پنجمین کنفرانس بین المللی برق (سال: 1369)

تعداد صفحات اصل مقاله: 7

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خلاصه مقاله:

A bond graph model for energy flow in the ideal dwellings is presented . This model has been used to numerically simulate the thermal behavior of an ideal tract home subject to both single thermostat and multiple thermostat zone control . Several simulations have been run,each with a different number of controlled zones t o evaluate possible energy savings of retrofit zone control . In al 1 cases , multiple thermostat control resulted in an energy savings. The .largest savings , 32% occured in the two thermostat case

کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/34835>

