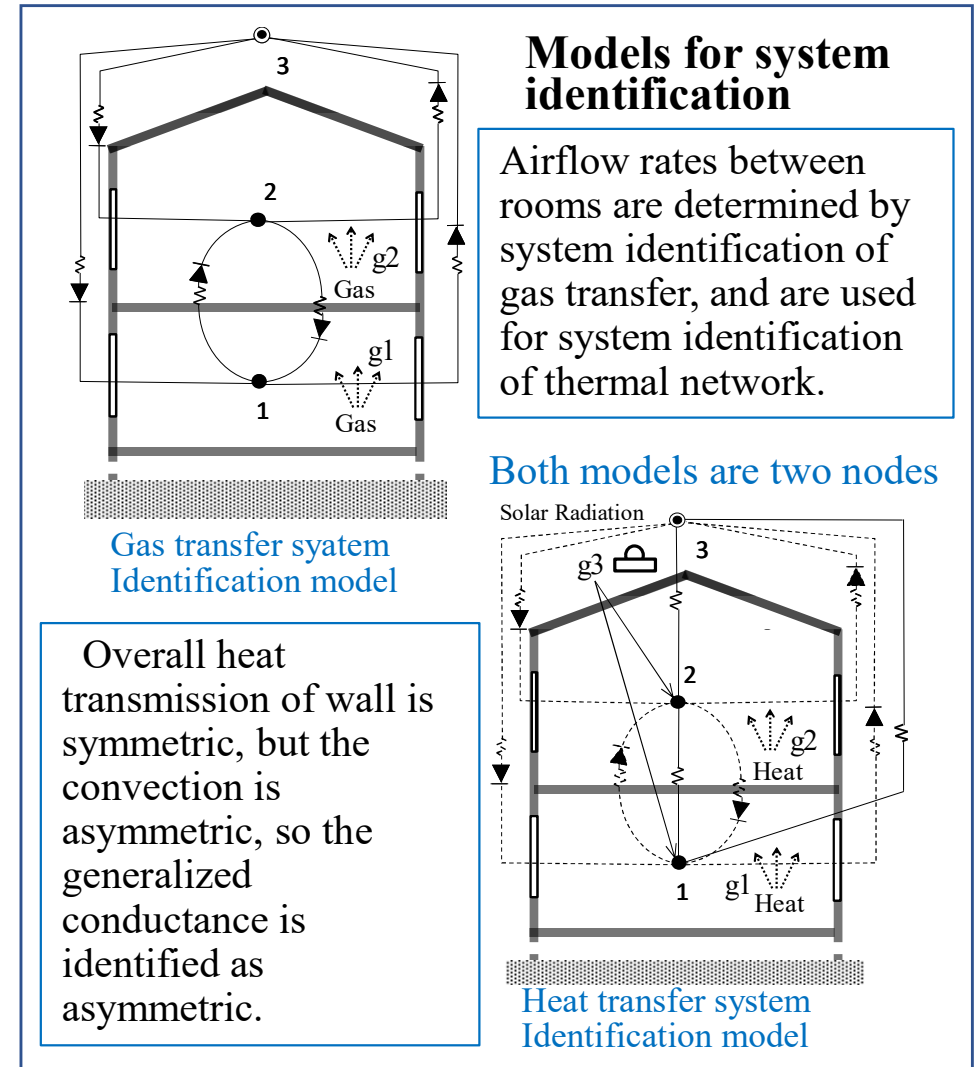
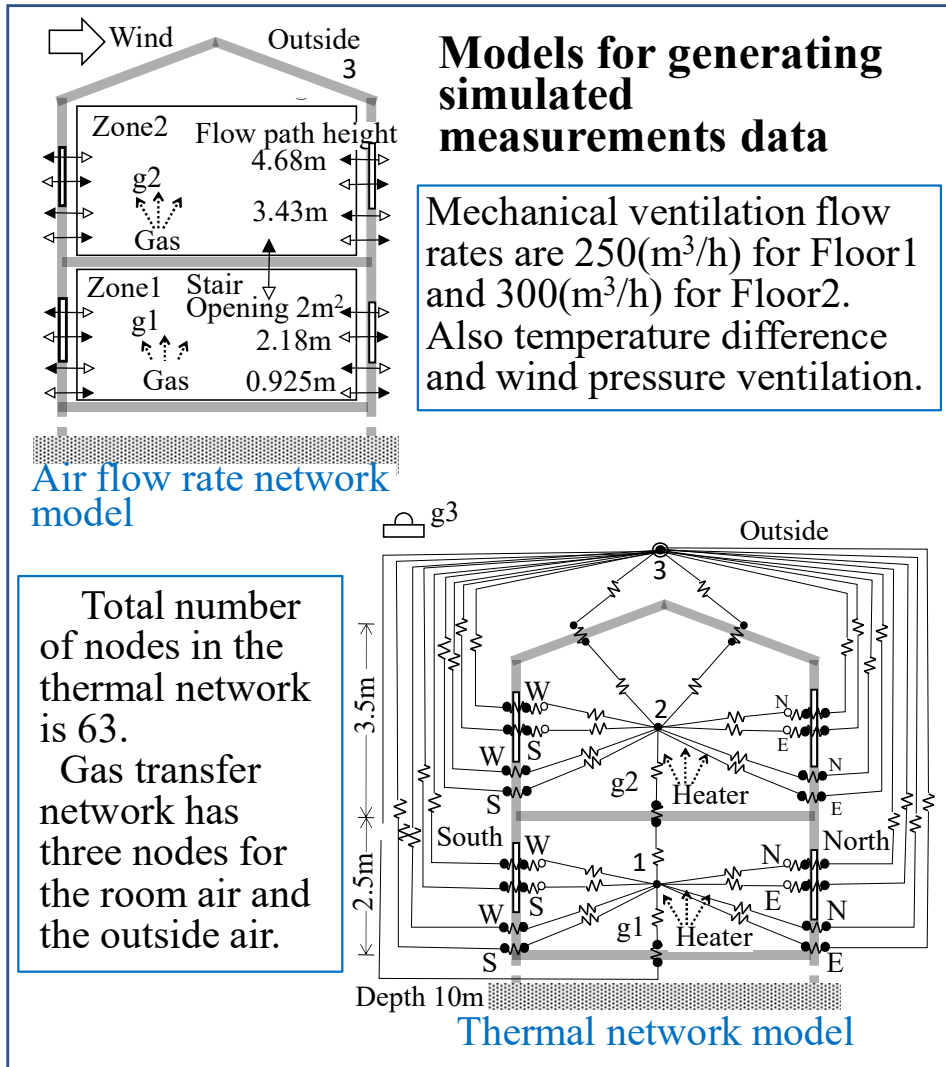


Computational experiments on recently improved simultaneous heat transfer and ventilation system identification methods.

Models for generating simulated measurements and for system identification



Building specification: Width of east to west: 10m, north to south: 10m, total floor area: 200m², floor heights 1st :2.5m, 2nd:3.5m, Walls both sides plywood inside 100mm glass wool insulation. Windows double 3mm glass. Standard meteorological data for Tokyo, calculation period from January 1st 00:00 to 8th 24:00. Δt is 1 minute. The first two days are a run-up period and the calculation results were not used. Please see for details reference [99] 2012.