Thermodynamic Property of Urban Gas Evaluation through Matlab

_____,   *

(hkim@uos.ac.kr[*])

Matlab has many inner functions, superiority of graphic and easy usage so has been used at diverse fields. But use of Matlab has not yet generalized in the country so toolboxes through Matlab are insufficient. Therefore toolbox for thermodynamic property through Matlab has not yet existed so as we develop toolbox for thermodynamic property through Matlab, we can facilitate thermodynamic property through Matlab in plenty of industrial sites(ex, urban gas) or college of engineering using Matlab. For this, we suppose materials, equations of state, temperature, pressure, enthalpy, entropy etc as variables and indicate variable functions and graphs related to those.