

M NUMERICAL/MOISTAIR
H Moist air
Number of sets to generate
N 10

	Text	LaTeX name	MATLAB_Name	Min	Max	Precision	Unit	Formatting
V	The dry thermometer of a meteorological station indicates a temperature	θ	Tcels	15	30	0	degC	F0
V	The moist sensor indicates a relative humidity	ψ	psipercent	40	80	0	percent	F0
F	Atmospheric pressure is	p_{atm}	patm	101325			Pa	F0
T	Compute the quantities below							
T	In your answers, use scientific notations if needed. (\$6.34\cdot 10^{-5}\$ writes 6.34e-5 and \$10^3\$ writes 1e3).							
Z	Your answer is considered correct within a relative error of			10			percent	F1
T	Indicative ranges are proposed in front of each answer. This are orders of magnitude to help you to check your results.							
				Points				
Q	Absolute humidity	w	wgperkg				g.kg-1	F0
Q	Volume per dry air mass unit	v	v	1			m3.kg-1	
Q	Enthalpy per dry air mass unit	h	hkJperkg	2			kJ.kg-1	F0