

Pseudo-Reduced Fluid Properties

@wikipedia

A popular measure of [pressure](#) and [temperature](#) in [Real Gas EOS](#) modelling of [fluid mixtures](#).

Pseudo-reduced Temperature (T_{pr})	
(1) $T_{pr} = \frac{T}{T_{pc}}$	(2) $P_{pr} = \frac{P}{P_{pc}}$

where

T	fluid temperature	T_{pc}	pseudo-critical temperature of the fluid mixture
P	fluid pressure	P_{pc}	pseudo-critical pressure of the fluid mixture

See also

[Natural Science](#) / [Physics](#) / [Thermodynamics](#) / [Thermodynamic system](#) / [Equation of State](#) / [Real Gas](#) / [Real Gas EOS](#)
[@model](#)

[[Pseudo-reduced Temperature \(\$T_{pr}\$ \)](#)][[Pseudo-reduced Pressure \(\$P_{pr}\$ \)](#)]

[[Reduced Fluid Properties](#)][[Reduced Pressure \(\$P_r\$ \)](#)][[Reduced Temperature \(\$T_r\$ \)](#)]