



Dimensionless Number: Task 16

Define the Prandtl number.

Dimensionless numbers

m	q	L	π	S	h	λ	n
P	b	T	b	T	g	e	l
r	A	R	e	λ	π	N	e
T	L	m	ε	A	b	u	s
n	e	λ	q	a	R	q	π
u	π	G	r	b	T	S	m
m	λ	m	L	b	L	c	e
	b	e	r	s			

- 1 The Prandtl number (Pr)

2
$$\text{Pr} = \frac{\eta c_p}{\lambda} = \frac{\nu}{\alpha}$$