CNST	Constants MENU (ASM) - cat : CNST	Important scientific and technical constant values	Category: Catalog

line scrolling indicator : Λ V

Menu	CNST	1	2	3	4	5	6
3	gShifted	Se'^2	Sf^{-1}	T_0	T_P	t_{PL}	V_m
2	fShifted	R_∞	$R_\odot$	$R_\oplus$	S_a	S_b	Se^2
1	primary	NaN	p_0	R	r_e	R_K	R_{Moon}
Page	**3**	F1	F2	F3	F4	F5	F6

Info	*Constants preceded by "# " in programs ; Type characters 1-2 to search ; TI (temporary info) is shown in extended description*

CNST	Page 3								
F-key	**Button label**	**Full name**	**Extended description**	**Type**	**Flag name**	**Additional information**	**Catalog**	**Default**	**Status**
F1	NaN	Not a Number	not.a.nr NaN = Not a number	Constant (#36)					
F2	p_0	Standard atmospheric pressure	press.atm $p_0 = +1.01325 \times 10^5$	Constant (#37)		Unit : Pa			
F3	R	Molar gas constant	c.mol.gas R = +8.31446261815324	Constant (#38)		Unit : J/mol K			
F4	r_e	Classical electron radius	rad.elec $r_e = +2.8179403262 \times 10^{-15}$	Constant (#39)		Unit : m			
F5	R_K	Von Klitzing constant	c.klitzing $R_K = +2.581280745930450000000000000608744 \times 10^4$	Constant (#40)		Unit : Ω			
F6	R_{Moon}	Mean radius of the Moon	rad.moon $R_{Moon} = +1.73753 \times 10^6$	Constant (#41)		Unit : m			
fShifted F1	R_∞	Rydberg constant	c.rydberg $R_\infty = +1.097373156816 \times 10^7$	Constant (#42)		Unit : /mol			
fShifted F2	$R_\odot$	Mean radius of the Sun	rad.sun $R_\odot = +6.96 \times 10^8$	Constant (#43)		Unit : m			
fShifted F3	$R_\oplus$	Mean radius of the Earth	rad.earth $R_\oplus = +6.37101 \times 10^6$	Constant (#44)		Unit : m			
fShifted F4	S_a	Semi-major axis of the Earth	majax.earth $S_a = +6.378137 \times 10^6$	Constant (#45)		Unit : m			
fShifted F5	S_b	Semi-minor axis of the Earth	minax.earth $S_b = +6.35675231 42 \times 10^6$	Constant (#46)		Unit : m			
fShifted F6	Se^2	1st eccentricity squared	sq.eccent1 $Se^2 = +6.69437999014 \times 10^{-3}$	Constant (#47)					
gShifted F1	Se'^2	2nd eccentricity squared	sq.eccent2 $Se'^2 = +6.73949674228 \times 10^{-3}$	Constant (#48)					
gShifted F2	Sf^{-1}	Flattening factor	f.flatteng $Sf^{-1} = +2.98257223563 \times 10^2$	Constant (#49)					
gShifted F3	T_0	Standard temperature	temp.stand $T_0 = +2.7315 \times 10^2$	Constant (#50)		Unit : K			
gShifted F4	T_P	Planck temperature	temp.planck $T_P = +1.416785 \times 10^{32}$	Constant (#51)		Unit : K			
gShifted F5	t_{PL}	Planck time	time.planck $t_{PL} = +5.391245 \times 10^{-44}$	Constant (#52)		Unit : s			
gShifted F6	V_m	Volume of ideal gas	volume.gas $V_m = +2.241396954501410000000000000675056 \times 10^{-2}$	Constant (#53)		Unit : m^3/mol			