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*GET, Parname, Column1, Column3, Column3

3 2 3	VMIN, VINC, NCONT XMIN, XMAX, YMIN, YMAX LEG1, LEG2, LEG3, INFO, FRAM, TITL, MINM, or VERS	£ 8 6	MAT, TYPE, REAL, ESYS, NODE, or ELEM MAT, TYPE, REAL, ESYS, NNOD, NELM, NDIV, NDNX, SPAC, SPNX, KYND, KYSP, LAY1, or LAY2. MAT, TYPE, REAL, ESYS, SECN, NNOD, NELM, or ESIZ	SPNX, KYND	, KYSP, LAY1, or LAY2.
(5)	KCS, KTHET, KPHI, PAR1, PAR2	(10)	MAT, TYPE, REAL, ESYS, NNOD,or NELM	(13)	DENS, VISC, COND, MDII
	MAT, TYPE, REAL, ESYS, PSTAT, LIVE, or SECN	(11)	ENAM, KOP1, KOP2, KOP9, KO10, KO11	(14)	COF1, COF2, COF3
	ANGD, ASPE, JACR, MAXA , PARA , WARP	(13)	MEMBRANE, BENDING, SUM, PEAK, and TOTAL	(15)	PRES, TAUW, and BOTH

DENS, VISC, COND, MDIF COF1, COF2, COF3 PRES, TAUW, and BOTH



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Other *V Functions
*VABS, KABSR, KABS1, KABS2, KABS3
 Applies the absolute value function to array paramete
*VCOL, NCOL1, NCOL2
- Specifies the number of columns in matrix operations
XIII KEY

*VABS, KABSK, KABS1, KABS2, KABS3
 Applies the absolute value function to array parameters.
*VCOL, NCOL1, NCOL2
- Specifies the number of columns in matrix operations
*VCUM, KEY
 Allows array parameter results to add to existing results.
*VEDIT, Par
— Allows numerical array parameters to be graphically edited.
*VFACT, FACTR, FACT1, FACT2, FACT3
 Applies a scale factor to array parameters.
*VFILL, ParR, Func, CON1, CON2, CON3, CON4,, CON10
— Fills an array parameter.
*VFUN, ParR, Func, Par1, CON1, CON2, CON3
— Performs a function on a single array parameter.
*VITRP, ParR, ParI, Parl, ParJ, ParK
 Forms an array parameter by interpolation of a table.
*VLEN, NROW, NINC
— Specifies the number of rows to be used in array parameter operations.
*VMASK, Par
— Specifies an array parameter as a masking vector.
*VOPER, ParR, Par1, Oper, Par2, CON1, CON2
— Operates on two array parameters.
*VPLOT. ParX. ParY. Y2. Y3. Y4. Y5. Y6. Y7. Y8



ANSYS Training Classes

— Lists the current specifications for the array parameters. VWRITE, Par1, Par2, Par3, Par4, ..., Par10

— Reads data and produces an array parameter vector or matrix. VSCFUN, ParR, Func, Par1

Determines properties of an array parameter

'VSTAT

Graphs columns (vectors) of array parameters.

VREAD, ParR, Fname, Ext, Dir, Label, n1, n2, n3, NSKIP

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 Customization and EMAG
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*VGET, Parname, Column1, Column2, Column3 *VPUT, Parname, Column1, Column2, Column3

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-	CENT	X,Y,Z	=	PRES		=	TOT		-	VOLT		=	HFLM	
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KP,n	POC	X,Y,Z	=	EMF		=	MACH		=	ENKE		=	DENS	
=	ATTR	MAT, TYPE, REAL, ESYS, NODE, ELEM	=	ENKE		=	STRM	_	-	ENDS		=	VISC	
=	DIV		-	ENDS		=	DENS		-	S	X,Y,Z,XY,Y	-	EVIS	
	KSEL		-	တ	X,Y,Z,XY,YZ,XZ,1,2,3,INT,EQV	-	VISC	_		EPTOP	X, Y, Z, XY, Y	-	ECON	
LINE,n	Α	1,2	=	EPTOP	X,Y,Z,XY,YZ,XZ,1,2,3,INT,EQV	=	EVIS	_	-	EPEL	X,Y,Z,XY,Y	=	YPLU	
	ATTR	MAT, TYPE, REAL, ESYS, NNOD, NELM	-	EPEL	X,Y,Z,XY,YZ,XZ,1,2,3,INT,EQV	-	ECON	_		EPPL	X, Y, Z, XY, Y	-	TAUW	
-	AREA		=	EPPL	X,Y,Z,XY,YZ,XZ,1,2,3,INT,EQV	=	YPLU		=	EPCR	X,Y,Z,XY,YETAB,n	ETAB,n	Lab	
-	ASEL		-	EPCR	X,Y,Z,XY,YZ,XZ,1,2,3,INT,EQV	-	TAUW	_	-	EPTH	X, Y, Z, XY, YZ, XZ, 1, 2, 3, INT, EQV	z, XZ,1,2,3,	INT,EQV	
AREA,n	LOOP	1,2,	=	EPTH	X,Y,Z,XY,YZ,XZ,1,2,3,INT,EQV	ELEM,n	ETAB	Lable	-	EPSW				
=	LINE	1,2,	-	EPSW				_	-	٧	SEPL			
=	ATTR	MAT, TYPE, REAL, ESYS, NNOD, NELM	=	٦	SEPL			_	-	=	SRAT			
=	AREA		-	=	SRAT			_	-	=	HPRES			
=	ASEL		-	=	HPRES				-	=	EPEQ			
VOLU,n	SHELL	1,2,	-	=	EPEQ			_	-	=	PSV			
=	AREA	1,2,	-	=	PSV			_	-	-	PLWK			
=	ATTR	MAT, TYPE, REAL, ESYS, NNOD, NELM	-	=	PLWK				-	TG	X,Y,Z			
=	VOLU		=	HS	X,Y,Z			_	-	¥	X,Y,Z			
=	VSEL		-	BFE	TEMP			_	-	PG	X,Y,Z			
CDSY,cs#	COC	Χ,Υ,Ζ		D D	X,Y,Z,SUM			_		띰	X,Y,Z			
=	ANG	XY,YZ,ZX,THXY,THYZ,THZX	=	브	X,Y,Z,SUM			_	-	۵	X,Y,Z			
-	ATTR	KCS,KTHET,KPHI,PAR1,PAR2	-	PG	X,Y,Z,SUM			_	-	I	X,Y,Z			
RCON,n	CONST	1,2,	-	EF	X,Y,Z,SUM									
				Get	Get Functions									

Filenames	('directory', filename', 'extension')	Path String = JOIN ('directory', 'filename')	SPLIT('PathString', 'DIR')	ar) SPLIT('PathString', 'FILE')	SPLIT('PathString', 'NAME')	SPLIT('PathString', 'EXT')							
Other, cont'd	CHROCT (dp)	CHRHEX(dp)	Strings	StrOut = STRSUB (Str1, nLoc,nChar) SPLIT('PathString', 'FILE')	StrOut = STRCAT(Str1, Str2)	StrOut = STRFILL(Str1,Str2,nLoc)	StrOut = STRCOMP(Str1)	StrOut = STRLEFT (Str1)	nLoc = STRPOS(Str1,Str2)	nLoc = STRLENG(Str1)	StrOut = UPCASE(Str1)	StrOut = LWCASE(Str1)	
Results cont'd Data base manager	VIRTINGR(1)	VIRTINGR(4)	VIRTINGR(7)	VIRTINQR(8)	VIRTINGR(9)	VIRTINGR(11)	Filtering keywords.	KWGET(KEYWORD)	Other	VALCHR(a8)	VALOCT (a8)	VALHEX(a8)	CHRVAL (dp)
Results cont'd	ROTZ(N)	TEMP(N)	PRES(N)	VX(N)	VY(N)	VZ(N)	ENKE(N)	ENDS(N)	VOLT(N)	MAG(N)	AX(N)	AY(N)	AZ(N)
Connectivity	ENEXTN(N,LOC)	NELEM(E,NPOS)	Faces	ELADJ(<i>E,FACE</i>)	NDFACE(E,FACE,LOC)	NMFACE(E)	ARFACE(E)	Results	UX(N)	UY(N)	UZ(N)	ROTX(N)	ROTY(N)
Nearest Entity, cont'd	KNEAR(K)	ENEARN(N)	Areas	AREAND(N1,N2,N3)	AREAKP(<i>K1,K2,K3</i>)	ARNODE(N)	Normals	NORMNX(N1,N2,N3)	NORMNY(N1,N2,N3)	ANGLEN(N1,N2,N3) NORMNZ(N1,N2,N3)	NORMKX(K1,K2,K3)	NORMKY(K1, K2, K3)	NORMKZ(K1,K2,K3)
Locations, cont'd	LSY(L,LFRAC)	LSZ(L,LFRAC)		NODE(X, Y, Z)	KP(X,Y,Z)	Distances	DISTND(N1,N2)	DISTKP(K1,K2)	DISTEN(E,N)	ANGLEN(N1,N2,N3)	ANGLEK(K1,K2,K3)	Nearest Entity	NNEAR(N)
Locations		CENTRY(E)		NX(N)	NY(N)	NZ(N)		KY(K)	(E) KZ(K) D	LX(L,LFRAC)	LY(L,LFRAC)	LZ(L,LFRAC)	LSX(L,LFRAC) NNEAR(N)
Entity Status	NSEL(N)	ESEL(E)	KSEL(K)	rser(L)	ASEL(A)	VSEL(V)	Next Selected	NDNEXT(N)	ELNEXT(E)	KPNEXT(K)	LSNEXT(L)	ARNEXT(A)	VLNEXT(V)