

<b>MATX</b>	Matrix MENU - cat : MATX	Matrix functions	Category: Matrix
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Menu	MATX	1	2	3	4	5	6
3	gShifted	<b>ENORM</b>	<b>V<sub>4</sub></b>	<b>STOEL</b>	<b>RCLEL</b>	<b>PUTM</b>	<b>GETM</b>
2	fShifted	<b>dot</b>	<b>cross</b>	<b>UNITV</b>	<b>DIM</b>	<b>INDEX</b>	<b>EDITN</b>
1	primary	<b>NEW</b>	<b>[M]<sup>-1</sup></b>	<b> M </b>	<b>[M]<sup>T</sup></b>	<b>SIM EQ</b>	<b>EDIT</b>
Page	<b>1</b>	F1	F2	F3	F4	F5	F6

MATX	Page 1	F-key	Button label	Full name	Extended description	Type	Flag name	Additional information	Catalog	Default	Status
		F1	<b>NEW</b>	New matrix	Create new matrix	Function (special)		Mode : MIM = Matrix Input Mode	M.NEW		
		F2	<b>[M]<sup>-1</sup></b>	Invert matrix	Inverse of matrix	Function			[M] <sup>-1</sup>		
		F3	<b> M </b>	Determinant	Determinant	Function			M		
		F4	<b>[M]<sup>T</sup></b>	Transpose matrix	Transpose matrix	Function			[M] <sup>T</sup>		
		F5	<b>SIM EQ</b>	Matrix simultaneous equations	Matrix simultaneous equations functions (Mat A • Mat X = Mat B)	MENU (item)		TAM : SIM_EQ __ TamNonReg menu ; CAT.MENUS M.SIMQ	SIM_EQ		
		F6	<b>EDIT</b>	Edit matrix (X)	Edit matrix (X-register)	MENU (item)		Mode : MIM = Matrix Input Mode ; CAT.MENUS M.EDIT	M.EDI		

fShifted F1	<b>dot</b>	Dot	Dot product	Function		Code : 8729	DOT		
fShifted F2	<b>cross</b>	Cross	Cross product	Function		Code : 215	CROSS		
fShifted F3	<b>UNITV</b>	Unit vector	Unit vector for complex number or matrix	Function			UNITV		
fShifted F4	<b>DIM</b>	Dimension	Dimension	Function		TAM : M.DIM __ Tam menu	M.DIM		
fShifted F5	<b>INDEX</b>	Index the matrix	Index the matrix	Function		TAM : INDEX __ Tam menu	INDEX		
fShifted F6	<b>EDITN</b>	Edit matrix (named)	Edit matrix (named variable)	Function (submnu)		TAM : M.EDIN __ Tam menu	M.EDIN		

gShifted F1	<b>ENORM</b>	Euclidean norm	Euclidean norm	Function			ENORM		
gShifted F2	<b>V<sub>4</sub></b>	Vector angle	Angle between two vectors (2D or 3D)	Function			V <sub>4</sub>		
gShifted F3	<b>STOEL</b>	Store X into current element	Store X into current element	Function			STOEL		
gShifted F4	<b>RCLEL</b>	Recall current element	Recall current element	Function			RCLEL		
gShifted F5	<b>PUTM</b>	Put submatrix	Put submatrix	Function			M.PUT		
gShifted F6	<b>GETM</b>	Get submatrix	Get submatrix	Function			M.GET		