

# Analysis of *Mathematica* 7 Symbols and Functions

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## Introduction

The following is quantitative analysis of *Mathematica* 7.0 in terms of what functions and symbols it contains. This includes all the AddOns package which come with *Mathematica*7.0 outside of the kernel and have to be loaded to be used. These packages are standard packages that come with *Mathematica*, but are not inside the kernel itself.

Finding a list of just the functions (i.e. not just Symbols) is a bit tricky. This is how this information is found: Call `SyntaxInformation[]` on each symbol, and look for the result. If the result is non-empty, then this symbol is a Function, else it is not. This is because for any function say `Cos[]`, `SyntaxInformation[Cos]` will return `{ArgumentsPattern -> {}}` and for anything else, the empty list `{}` is returned.

For finding which symbols are functions when looking at the AddOns packages, a different approach from the above is used. In this case, the usage message for each symbol is printed and saved to a text file. Then this file is read and each line is parsed to look for a pattern where the line starts with a name followed immediately by a `]`. If this pattern is found, then the "name" is considered a function name.

Thanks for John R. Fultz from WRI for suggesting in the Math group to use `SyntaxInformation[]` and the Usage message to help determine which Symbols are functions and which are not.

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## Table showing number of Symbols in System and all other AddOns Packages

```
Get["Utilities`CleanSlate`"]
SetOptions[CleanSlate, Verbose -> False];
```

```

addOnPackages = {"Combinatorica", "ANOVA", "HierarchicalClustering",
  "HypothesisTesting", "MultivariateStatistics", "StatisticalPlots",
  "ErrorBarPlots", "PlotLegends", "ComputationalGeometry", "GraphUtilities",
  "EquationTrekker", "FourierSeries", "FunctionApproximations", "NumericalCalculus",
  "NumericalDifferentialEquationAnalysis", "VariationalMethods", "VectorAnalysis",
  "FiniteFields", "Quaternions", "PolyhedronOperations", "Polytopes",
  "ComputerArithmetic", "PrimalityProving", "Calendar", "WorldPlot", "Audio",
  "Music", "BlackBodyRadiation", "PhysicalConstants", "ResonanceAbsorptionLines",
  "StandardAtmosphere", "Units", "Developer", "Experimental", "GraphEdit", "JLink"};
addOnPackages = Sort[addOnPackages];

numberOfSymbolsInPackage [nameOfPackage_] := Module[{n},
  Get[nameOfPackage <> "`"];
  n = Length[Names[nameOfPackage <> "*"]];
  CleanSlate[Evaluate[nameOfPackage <> "`"]];
  n
];

data = Table[{i, addOnPackages[[i]], numberOfSymbolsInPackage[addOnPackages[[i]]],
  {i, 1, Length[addOnPackages]}}];
data = Prepend[data, {0, "System", Length[Names["System`*"]]}];

```

```
TableForm[data, TableHeadings -> {None, {"#", "Context", "Number of symbols"}}]
Print["Total number of symbols = ", Total[data[[All, 3]]]]
```

#	Context	Number of symbols
0	System	3432
1	ANOVA	8
2	Audio	18
3	BlackBodyRadiation	4
4	Calendar	20
5	Combinatorica	460
6	ComputationalGeometry	17
7	ComputerArithmetic	17
8	Developer	70
9	EquationTrekker	9
10	ErrorBarPlots	4
11	Experimental	46
12	FiniteFields	20
13	FourierSeries	17
14	FunctionApproximations	21
15	GraphEdit	2
16	GraphUtilities	39
17	HierarchicalClustering	13
18	HypothesisTesting	23
19	JLink	108
20	MultivariateStatistics	30
21	Music	183
22	NumericalCalculus	10
23	NumericalDifferentialEquationAnalysis	45
24	PhysicalConstants	51
25	PlotLegends	21
26	PolyhedronOperations	4
27	Polytopes	18
28	PrimalityProving	14
29	Quaternions	18
30	ResonanceAbsorptionLines	15
31	StandardAtmosphere	15
32	StatisticalPlots	26
33	Units	276
34	VariationalMethods	6
35	VectorAnalysis	47
36	WorldPlot	43

Total number of symbols = 5170

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## Finding the functions in System and all other AddOns packages

```

isFunction[name_String] := Module[{m},
  m = SyntaxInformation[Symbol[name]];
  If[Length[m] > 0, True, False]
]

getFunctionsInSystem[] := Module[{data, result, i, funs},
  funs = Names["System`*"];
  data = Table[If[isFunction[funs[[i]]], funs[[i]], ""],
    {i, 1, Length[funs]}];
  result = Flatten[Select[data, StringLength[#] > 0 &]];
  result = Table[{"System", result[[i]]}, {i, 1, Length[result]}]
]

getFunctionsInPackage[packageName_, data_] := Module[{result, i},
  result = StringCases[data, RegularExpression["^\\w*\\[\""];
  result = Union[result];
  result = Flatten[Select[result, Length[#] > 0 &]];
  result = StringReplace[result, x__ ~~ "[" -> x];
  result = Table[{StringTake[packageName, {2, -1}], result[[i]]}, {i, 1, Length[result]}]
]

```

We be in the same folder as the data file, this command below changes directories so that the current directory becomes the same as where this notebook is saved. Which should be also the same folder where this text file is.

```

SetDirectory[ToFileName[
  Extract["FileName" /. NotebookInformation[EvaluationNotebook[]], {1}, FrontEnd`FileName]]]

data = ReadList["packagesFunctions.txt", String];

r = StringCases[data, RegularExpression["^<"];
r = Position[r, "<"][[All, 1]];
r = Append[r, Length[data] + 1];

result = Table[
  Table[{data[[r[[j]]]], data[[k]]}, {k, r[[j]] + 1, r[[j + 1]] - 1}],
  {j, 1, Length[r] - 1}
];

result = Table[
  getFunctionsInPackage[result[[i, 1, 1]], result[[i, All, 2]]], {i, 1, Length[result]};
result = Flatten[result, 1];

resultForSystem = getFunctionsInSystem[];
result = Union[resultForSystem, result];
result = Table[{i, result[[i, 1]], result[[i, 2]]}, {i, 1, Length[result]};
TableForm[result, TableHeadings -> {None, {"#", "Context", "Function Name"}}]

```

#	Context	Function Name
1	ANOVA	ANOVA
2	Audio	AmplitudeModulation
3	Audio	FrequencyModulation
4	Audio	ListWaveform
5	Audio	PlaySoundFile
6	Audio	ReadSoundFile
7	Audio	Waveform
8	BlackBodyRadiation	BlackBodyProfile
9	BlackBodyRadiation	MaxPower
10	BlackBodyRadiation	PeakWavelength
11	BlackBodyRadiation	TotalPower
12	Calendar	CalendarChange
13	Calendar	DateQ
14	Calendar	DayOfWeek
15	Calendar	DaysBetween
16	Calendar	DaysPlus
17	Calendar	EasterSunday
18	Calendar	EasterSundayGreekOrthodox
19	Calendar	JewishNewYear
20	Combinatorica	AcyclicQ
21	Combinatorica	AddEdge
22	Combinatorica	AddEdges
23	Combinatorica	AddVertex
24	Combinatorica	AddVertices
25	Combinatorica	AllPairsShortestPath
26	Combinatorica	AlternatingGroup
27	Combinatorica	AlternatingGroupIndex
28	Combinatorica	AlternatingPaths
29	Combinatorica	AnimateGraph
30	Combinatorica	AntiSymmetricQ
31	Combinatorica	ApproximateVertexCover
32	Combinatorica	ArticulationVertices
33	Combinatorica	Automorphisms
34	Combinatorica	Backtrack
35	Combinatorica	BellmanFord
36	Combinatorica	BiconnectedComponents
37	Combinatorica	BiconnectedQ
38	Combinatorica	BinarySearch
39	Combinatorica	BinarySubsets
40	Combinatorica	BipartiteMatching
41	Combinatorica	BipartiteMatchingAndCover
42	Combinatorica	BipartiteQ
43	Combinatorica	BooleanAlgebra
44	Combinatorica	BreadthFirstTraversal

45	Combinatorica	BrelazColoring
46	Combinatorica	Bridges
47	Combinatorica	ButterflyGraph
48	Combinatorica	CageGraph
49	Combinatorica	CartesianProduct
50	Combinatorica	ChangeEdges
51	Combinatorica	ChangeVertices
52	Combinatorica	ChromaticNumber
53	Combinatorica	ChromaticPolynomial
54	Combinatorica	CirculantGraph
55	Combinatorica	CircularEmbedding
56	Combinatorica	CircularVertices
57	Combinatorica	CliqueQ
58	Combinatorica	CoarserSetPartitionQ
59	Combinatorica	CodeToLabeledTree
60	Combinatorica	Cofactor
61	Combinatorica	CompleteBinaryTree
62	Combinatorica	CompleteGraph
63	Combinatorica	CompleteKaryTree
64	Combinatorica	CompleteKPartiteGraph
65	Combinatorica	CompleteQ
66	Combinatorica	Compositions
67	Combinatorica	ConnectedComponents
68	Combinatorica	ConnectedQ
69	Combinatorica	ConstructTableau
70	Combinatorica	Contract
71	Combinatorica	CostOfPath
72	Combinatorica	CubeConnectedCycle
73	Combinatorica	Cycle
74	Combinatorica	CycleIndex
75	Combinatorica	CycleStructure
76	Combinatorica	CyclicGroup
77	Combinatorica	CyclicGroupIndex
78	Combinatorica	DeBruijnGraph
79	Combinatorica	DeBruijnSequence
80	Combinatorica	Degrees
81	Combinatorica	DegreeSequence
82	Combinatorica	DegreesOf2Neighborhood
83	Combinatorica	DeleteCycle
84	Combinatorica	DeleteEdge
85	Combinatorica	DeleteEdges
86	Combinatorica	DeleteFromTableau
87	Combinatorica	DeleteVertex
88	Combinatorica	DeleteVertices
89	Combinatorica	DepthFirstTraversal

90	Combinatorica	DerangementQ
91	Combinatorica	Derangements
92	Combinatorica	Diameter
93	Combinatorica	DihedralGroup
94	Combinatorica	DihedralGroupIndex
95	Combinatorica	Dijkstra
96	Combinatorica	DilateVertices
97	Combinatorica	Distances
98	Combinatorica	DistinctPermutations
99	Combinatorica	Distribution
100	Combinatorica	DominatingIntegerPartitionQ
101	Combinatorica	DominationLattice
102	Combinatorica	DurfeeSquare
103	Combinatorica	Eccentricity
104	Combinatorica	EdgeChromaticNumber
105	Combinatorica	EdgeColoring
106	Combinatorica	EdgeConnectivity
107	Combinatorica	Edges
108	Combinatorica	EmptyGraph
109	Combinatorica	EmptyQ
110	Combinatorica	EncroachingListSet
111	Combinatorica	EquivalenceClasses
112	Combinatorica	EquivalenceRelationQ
113	Combinatorica	Equivalences
114	Combinatorica	Eulerian
115	Combinatorica	EulerianCycle
116	Combinatorica	EulerianQ
117	Combinatorica	ExactRandomGraph
118	Combinatorica	ExpandGraph
119	Combinatorica	ExtractCycles
120	Combinatorica	FerrersDiagram
121	Combinatorica	FindCycle
122	Combinatorica	FindSet
123	Combinatorica	FirstLexicographicTableau
124	Combinatorica	FromAdjacencyLists
125	Combinatorica	FromAdjacencyMatrix
126	Combinatorica	FromCycles
127	Combinatorica	FromInversionVector
128	Combinatorica	FromOrderedPairs
129	Combinatorica	FromUnorderedPairs
130	Combinatorica	FunctionalGraph
131	Combinatorica	GeneralizedPetersenGraph
132	Combinatorica	GetEdgeLabels
133	Combinatorica	GetEdgeWeights
134	Combinatorica	GetVertexLabels

135	Combinatorica	GetVertexWeights
136	Combinatorica	Girth
137	Combinatorica	Graph
138	Combinatorica	GraphCenter
139	Combinatorica	GraphComplement
140	Combinatorica	GraphDifference
141	Combinatorica	GraphicQ
142	Combinatorica	GraphIntersection
143	Combinatorica	GraphJoin
144	Combinatorica	GraphOptions
145	Combinatorica	GraphPolynomial
146	Combinatorica	GraphPower
147	Combinatorica	GraphProduct
148	Combinatorica	GraphSum
149	Combinatorica	GraphUnion
150	Combinatorica	GrayCode
151	Combinatorica	GrayCodeKSubsets
152	Combinatorica	GrayCodeSubsets
153	Combinatorica	GreedyVertexCover
154	Combinatorica	GridGraph
155	Combinatorica	HamiltonianCycle
156	Combinatorica	HamiltonianPath
157	Combinatorica	HamiltonianQ
158	Combinatorica	Harary
159	Combinatorica	HasseDiagram
160	Combinatorica	Heapify
161	Combinatorica	HeapSort
162	Combinatorica	HideCycles
163	Combinatorica	Highlight
164	Combinatorica	Hypercube
165	Combinatorica	IdenticalQ
166	Combinatorica	IdentityPermutation
167	Combinatorica	IncidenceMatrix
168	Combinatorica	InDegree
169	Combinatorica	IndependentSetQ
170	Combinatorica	Index
171	Combinatorica	InduceSubgraph
172	Combinatorica	InitializeUnionFind
173	Combinatorica	InsertIntoTableau
174	Combinatorica	IntervalGraph
175	Combinatorica	InversePermutation
176	Combinatorica	InversionPoset
177	Combinatorica	Inversions
178	Combinatorica	Involution
179	Combinatorica	InvolutionQ



180	Combinatorica	Involutions
181	Combinatorica	IsomorphicQ
182	Combinatorica	Isomorphism
183	Combinatorica	IsomorphismQ
184	Combinatorica	Josephus
185	Combinatorica	KnightsTourGraph
186	Combinatorica	KSetPartitions
187	Combinatorica	KSubsetGroup
188	Combinatorica	KSubsetGroupIndex
189	Combinatorica	KSubsets
190	Combinatorica	LabeledTreeToCode
191	Combinatorica	LastLexicographicTableau
192	Combinatorica	LexicographicPermutations
193	Combinatorica	LexicographicSubsets
194	Combinatorica	LineGraph
195	Combinatorica	ListGraphs
196	Combinatorica	ListNecklaces
197	Combinatorica	LNorm
198	Combinatorica	LongestIncreasingSubsequence
199	Combinatorica	M
200	Combinatorica	MakeDirected
201	Combinatorica	MakeGraph
202	Combinatorica	MakeSimple
203	Combinatorica	MakeUndirected
204	Combinatorica	MaximalMatching
205	Combinatorica	MaximumAntichain
206	Combinatorica	MaximumClique
207	Combinatorica	MaximumIndependentSet
208	Combinatorica	MaximumSpanningTree
209	Combinatorica	MinimumChainPartition
210	Combinatorica	MinimumChangePermutations
211	Combinatorica	MinimumSpanningTree
212	Combinatorica	MinimumVertexColoring
213	Combinatorica	MinimumVertexCover
214	Combinatorica	MultipleEdgesQ
215	Combinatorica	MultiplicationTable
216	Combinatorica	MycielskiGraph
217	Combinatorica	NecklacePolynomial
218	Combinatorica	Neighborhood
219	Combinatorica	NetworkFlow
220	Combinatorica	NetworkFlowEdges
221	Combinatorica	NextBinarySubset
222	Combinatorica	NextComposition
223	Combinatorica	NextGrayCodeSubset
224	Combinatorica	NextKSubset

225	Combinatorica	NextLexicographicSubset
226	Combinatorica	NextPartition
227	Combinatorica	NextPermutation
228	Combinatorica	NextSubset
229	Combinatorica	NextTableau
230	Combinatorica	NormalizeVertices
231	Combinatorica	NthPair
232	Combinatorica	NthPermutation
233	Combinatorica	NthSubset
234	Combinatorica	NumberOf2Paths
235	Combinatorica	NumberOfCompositions
236	Combinatorica	NumberOfDerangements
237	Combinatorica	NumberOfDirectedGraphs
238	Combinatorica	NumberOfGraphs
239	Combinatorica	NumberOfInvolutions
240	Combinatorica	NumberOfKPaths
241	Combinatorica	NumberOfNecklaces
242	Combinatorica	NumberOfPartitions
243	Combinatorica	NumberOfPermutationsByCycles
244	Combinatorica	NumberOfPermutationsByInversions
245	Combinatorica	NumberOfPermutationsByTypes
246	Combinatorica	NumberOfSpanningTrees
247	Combinatorica	NumberOfTableaux
248	Combinatorica	OddGraph
249	Combinatorica	OrbitInventory
250	Combinatorica	OrbitRepresentatives
251	Combinatorica	Orbits
252	Combinatorica	OrientGraph
253	Combinatorica	OutDegree
254	Combinatorica	PairGroup
255	Combinatorica	PairGroupIndex
256	Combinatorica	ParentsToPaths
257	Combinatorica	PartialOrderQ
258	Combinatorica	PartitionLattice
259	Combinatorica	PartitionQ
260	Combinatorica	Partitions
261	Combinatorica	PerfectQ
262	Combinatorica	PermutationGraph
263	Combinatorica	PermutationGroupQ
264	Combinatorica	PermutationQ
265	Combinatorica	PermutationToTableaux
266	Combinatorica	PermutationType
267	Combinatorica	PermutationWithCycle
268	Combinatorica	Permute
269	Combinatorica	PermuteSubgraph

270	Combinatorica	PlanarQ
271	Combinatorica	Polya
272	Combinatorica	PseudographQ
273	Combinatorica	RadialEmbedding
274	Combinatorica	Radius
275	Combinatorica	RandomComposition
276	Combinatorica	RandomGraph
277	Combinatorica	RandomHeap
278	Combinatorica	RandomKSetPartition
279	Combinatorica	RandomKSubset
280	Combinatorica	RandomPartition
281	Combinatorica	RandomPermutation
282	Combinatorica	RandomRGF
283	Combinatorica	RandomSetPartition
284	Combinatorica	RandomSubset
285	Combinatorica	RandomTableau
286	Combinatorica	RandomTree
287	Combinatorica	RandomVertices
288	Combinatorica	RankBinarySubset
289	Combinatorica	RankedEmbedding
290	Combinatorica	RankGraph
291	Combinatorica	RankGrayCodeSubset
292	Combinatorica	RankKSetPartition
293	Combinatorica	RankKSubset
294	Combinatorica	RankPermutation
295	Combinatorica	RankRGF
296	Combinatorica	RankSetPartition
297	Combinatorica	RankSubset
298	Combinatorica	ReadGraph
299	Combinatorica	RealizeDegreeSequence
300	Combinatorica	ReflexiveQ
301	Combinatorica	RegularGraph
302	Combinatorica	RegularQ
303	Combinatorica	RemoveMultipleEdges
304	Combinatorica	RemoveSelfLoops
305	Combinatorica	ResidualFlowGraph
306	Combinatorica	RevealCycles
307	Combinatorica	ReverseEdges
308	Combinatorica	RGFQ
309	Combinatorica	RGFs
310	Combinatorica	RGFToSetPartition
311	Combinatorica	RootedEmbedding
312	Combinatorica	RotateVertices
313	Combinatorica	Runs
314	Combinatorica	SamenessRelation

315	Combinatorica	SelectionSort
316	Combinatorica	SelfComplementaryQ
317	Combinatorica	SelfLoopsQ
318	Combinatorica	SetEdgeLabels
319	Combinatorica	SetEdgeWeights
320	Combinatorica	SetGraphOptions
321	Combinatorica	SetPartitionListViaRGF
322	Combinatorica	SetPartitionQ
323	Combinatorica	SetPartitions
324	Combinatorica	SetPartitionToRGF
325	Combinatorica	SetVertexLabels
326	Combinatorica	SetVertexWeights
327	Combinatorica	ShakeGraph
328	Combinatorica	ShortestPath
329	Combinatorica	ShortestPathSpanningTree
330	Combinatorica	ShowGraph
331	Combinatorica	ShowGraphArray
332	Combinatorica	ShowLabeledGraph
333	Combinatorica	ShuffleExchangeGraph
334	Combinatorica	SignaturePermutation
335	Combinatorica	SimpleQ
336	Combinatorica	Spectrum
337	Combinatorica	SpringEmbedding
338	Combinatorica	StableMarriage
339	Combinatorica	StirlingFirst
340	Combinatorica	StirlingSecond
341	Combinatorica	Strings
342	Combinatorica	StronglyConnectedComponents
343	Combinatorica	SymmetricGroup
344	Combinatorica	SymmetricGroupIndex
345	Combinatorica	SymmetricQ
346	Combinatorica	TableauClasses
347	Combinatorica	TableauQ
348	Combinatorica	Tableaux
349	Combinatorica	TableauxToPermutation
350	Combinatorica	ToAdjacencyLists
351	Combinatorica	ToAdjacencyMatrix
352	Combinatorica	ToCanonicalSetPartition
353	Combinatorica	ToCycles
354	Combinatorica	ToInversionVector
355	Combinatorica	ToOrderedPairs
356	Combinatorica	TopologicalSort
357	Combinatorica	ToUnorderedPairs
358	Combinatorica	TransitiveClosure
359	Combinatorica	TransitiveQ

360	Combinatorica	TransitiveReduction
361	Combinatorica	TranslateVertices
362	Combinatorica	TransposePartition
363	Combinatorica	TransposeTableau
364	Combinatorica	TravelingSalesman
365	Combinatorica	TravelingSalesmanBounds
366	Combinatorica	TreeIsomorphismQ
367	Combinatorica	TreeQ
368	Combinatorica	TreeToCertificate
369	Combinatorica	TriangleInequalityQ
370	Combinatorica	Turan
371	Combinatorica	TwoColoring
372	Combinatorica	UndirectedQ
373	Combinatorica	UnionSet
374	Combinatorica	UnrankBinarySubset
375	Combinatorica	UnrankGrayCodeSubset
376	Combinatorica	UnrankKSubset
377	Combinatorica	UnrankPermutation
378	Combinatorica	UnrankRGF
379	Combinatorica	UnrankSetPartition
380	Combinatorica	UnrankSubset
381	Combinatorica	UnweightedQ
382	Combinatorica	V
383	Combinatorica	VertexColoring
384	Combinatorica	VertexConnectivity
385	Combinatorica	VertexConnectivityGraph
386	Combinatorica	VertexCover
387	Combinatorica	VertexCoverQ
388	Combinatorica	Vertices
389	Combinatorica	WeaklyConnectedComponents
390	Combinatorica	Wheel
391	Combinatorica	WriteGraph
392	Combinatorica	Zoom
393	ComputationalGeometry	BoundedDiagram
394	ComputationalGeometry	ConvexHull
395	ComputationalGeometry	ConvexHullArea
396	ComputationalGeometry	ConvexHullMedian
397	ComputationalGeometry	DelaunayTriangulation
398	ComputationalGeometry	DelaunayTriangulationQ
399	ComputationalGeometry	DiagramPlot
400	ComputationalGeometry	NearestNeighbor
401	ComputationalGeometry	PlanarGraphPlot
402	ComputationalGeometry	Ray
403	ComputationalGeometry	TileAreas
404	ComputationalGeometry	TriangularSurfacePlot

405	ComputationalGeometry	VoronoiDiagram
406	ComputerArithmetic	Arithmetic
407	ComputerArithmetic	ComputerNumber
408	ComputerArithmetic	IdealDivide
409	ComputerArithmetic	MachineError
410	ComputerArithmetic	MicroscopePlot
411	ComputerArithmetic	MicroscopicErrorPlot
412	ComputerArithmetic	SetArithmetic
413	ComputerArithmetic	Ulp
414	Developer	Attributes
415	Developer	BesselSimplify
416	Developer	BoundingBox
417	Developer	CellInformation
418	Developer	FibonacciSimplify
419	Developer	FindDivisions
420	Developer	FromPackedArray
421	Developer	GammaSimplify
422	Developer	MachineIntegerQ
423	Developer	NotebookConvert
424	Developer	Options
425	Developer	PackedArrayForm
426	Developer	PackedArrayQ
427	Developer	PartitionMap
428	Developer	PolyGammaSimplify
429	Developer	PolyLogSimplify
430	Developer	ReplaceAllUnheld
431	Developer	ToPackedArray
432	Developer	TrigToRadicals
433	Developer	ZeroQ
434	Developer	ZetaSimplify
435	EquationTrekker	EquationTrekker
436	EquationTrekker	EquationTrekkerState
437	EquationTrekker	InitializeGenerator
438	EquationTrekker	IntializeGenerator
439	EquationTrekker	TrekData
440	ErrorBarPlots	ErrorBar
441	ErrorBarPlots	ErrorListPlot
442	Experimental	Attributes
443	Experimental	CircularSlider
444	Experimental	CircularSliderTest
445	Experimental	Combobox
446	Experimental	CompileEvaluate
447	Experimental	EditSystemOptions
448	Experimental	ExistsRealQ
449	Experimental	ForAllRealQ

450	Experimental	ImpliesQ
451	Experimental	ImpliesRealQ
452	Experimental	Options
453	Experimental	ValueFunction
454	FiniteFields	Characteristic
455	FiniteFields	ElementToPolynomial
456	FiniteFields	ExtensionDegree
457	FiniteFields	FieldExp
458	FiniteFields	FieldInd
459	FiniteFields	FieldIrreducible
460	FiniteFields	FromElementCode
461	FiniteFields	FunctionOfCode
462	FiniteFields	FunctionOfCoefficients
463	FiniteFields	GF
464	FiniteFields	IrreduciblePolynomial
465	FiniteFields	PerfectPowerQ
466	FiniteFields	PolynomialToElement
467	FiniteFields	PowerList
468	FiniteFields	PowerListQ
469	FiniteFields	PowerListToField
470	FiniteFields	ReduceElement
471	FiniteFields	SetFieldFormat
472	FiniteFields	Successor
473	FiniteFields	ToElementCode
474	FourierSeries	DTFourierTransform
475	FourierSeries	InverseDTFourierTransform
476	FourierSeries	InverseFourierCoefficient
477	FourierSeries	NDTFourierTransform
478	FourierSeries	NFourierCoefficient
479	FourierSeries	NFourierCosCoefficient
480	FourierSeries	NFourierCosTransform
481	FourierSeries	NFourierSeries
482	FourierSeries	NFourierSinCoefficient
483	FourierSeries	NFourierSinTransform
484	FourierSeries	NFourierTransform
485	FourierSeries	NFourierTrigSeries
486	FourierSeries	NInverseDTFourierTransform
487	FourierSeries	NInverseFourierCoefficient
488	FourierSeries	NInverseFourierCosTransform
489	FourierSeries	NInverseFourierSinTransform
490	FourierSeries	NInverseFourierTransform
491	FunctionApproximations	EconomizedRationalApproximation
492	FunctionApproximations	GeneralMiniMaxApproximation
493	FunctionApproximations	GeneralRationalInterpolation
494	FunctionApproximations	InterpolateRoot

495	FunctionApproximations	MiniMaxApproximation
496	FunctionApproximations	NIntegrateInterpolatingFunction
497	FunctionApproximations	OrderStarPlot
498	FunctionApproximations	RationalInterpolation
499	GraphEdit	ResetGraphics
500	GraphEdit	SetGraphics
501	GraphUtilities	AdjacencyMatrix
502	GraphUtilities	Bicomponents
503	GraphUtilities	ClosenessCentrality
504	GraphUtilities	CommunityModularity
505	GraphUtilities	CommunityStructureAssignment
506	GraphUtilities	CommunityStructurePartition
507	GraphUtilities	EdgeList
508	GraphUtilities	ExpressionTree
509	GraphUtilities	ExpressionTreePlot
510	GraphUtilities	FindHamiltonianCycle
511	GraphUtilities	GraphCoordinates
512	GraphUtilities	GraphCoordinates3D
513	GraphUtilities	GraphDistance
514	GraphUtilities	GraphDistanceMatrix
515	GraphUtilities	GraphEdit
516	GraphUtilities	GraphPath
517	GraphUtilities	HamiltonianCycles
518	GraphUtilities	LineScaledCoordinate
519	GraphUtilities	LinkRankMatrix
520	GraphUtilities	LinkRanks
521	GraphUtilities	MaximalBipartiteMatching
522	GraphUtilities	MaximalIndependentVertexSet
523	GraphUtilities	MaximalIndependentEdgeSet
524	GraphUtilities	MinCut
525	GraphUtilities	MinimumBandwidthOrdering
526	GraphUtilities	NeighborhoodSubgraph
527	GraphUtilities	NeighborhoodVertices
528	GraphUtilities	PageRanks
529	GraphUtilities	PageRankVector
530	GraphUtilities	PseudoDiameter
531	GraphUtilities	StrongComponents
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536	JLink	AddToClassPath
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590	JLink	SetPeriodicalInterval
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594	JLink	ShowJavaConsole
595	JLink	UninstallJava
596	JLink	UnshareFrontEnd
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601	MultivariateStatistics	MultivariateTDistribution
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603	NumericalCalculus	StyleBox
604	NumericalDifferentialEquationAnalysis	a
605	NumericalDifferentialEquationAnalysis	b
606	NumericalDifferentialEquationAnalysis	ButcherAlpha
607	NumericalDifferentialEquationAnalysis	ButcherBeta
608	NumericalDifferentialEquationAnalysis	ButcherBetaBar
609	NumericalDifferentialEquationAnalysis	ButcherColumnConditions
610	NumericalDifferentialEquationAnalysis	ButcherGamma
611	NumericalDifferentialEquationAnalysis	ButcherHeight
612	NumericalDifferentialEquationAnalysis	ButcherOrder
613	NumericalDifferentialEquationAnalysis	ButcherPhi
614	NumericalDifferentialEquationAnalysis	ButcherPlot
615	NumericalDifferentialEquationAnalysis	ButcherPrincipalError
616	NumericalDifferentialEquationAnalysis	ButcherQuadratureConditions
617	NumericalDifferentialEquationAnalysis	ButcherRowConditions
618	NumericalDifferentialEquationAnalysis	ButcherSigma
619	NumericalDifferentialEquationAnalysis	ButcherTreeCount
620	NumericalDifferentialEquationAnalysis	ButcherTreeQ
621	NumericalDifferentialEquationAnalysis	ButcherTrees
622	NumericalDifferentialEquationAnalysis	ButcherTreeSimplify
623	NumericalDifferentialEquationAnalysis	ButcherWidth
624	NumericalDifferentialEquationAnalysis	c
625	NumericalDifferentialEquationAnalysis	GaussianQuadratureError
626	NumericalDifferentialEquationAnalysis	GaussianQuadratureWeights
627	NumericalDifferentialEquationAnalysis	NewtonCotesError
628	NumericalDifferentialEquationAnalysis	NewtonCotesWeights
629	NumericalDifferentialEquationAnalysis	RungeKuttaOrderConditions

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633	PrimalityProving	HilbertPolynomial
634	PrimalityProving	ModularInvariantj
635	PrimalityProving	PointEC
636	PrimalityProving	PointECQ
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753	System	BitLength
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784	System	BSplineSurface
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833	System	ChiSquareDistribution
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854	System	Closing

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1295	System	Goto
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1304	System	GraphicsGroup

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1349	System	HornerForm

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1360	System	Hypergeometric1F1Regularized
1361	System	Hypergeometric2F1
1362	System	Hypergeometric2F1Regularized
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1365	System	HypergeometricPFQRegularized
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1412	System	InputNotebook
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1415	System	InputString
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1418	System	Inset
1419	System	Install
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1439	System	IntervalIntersection

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1447	System	InverseErf
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1451	System	InverseFourierSequenceTransform
1452	System	InverseFourierSinTransform
1453	System	InverseFourierTransform
1454	System	InverseFunction
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1458	System	InverseGudermannian
1459	System	InverseHaversine
1460	System	InverseJacobiCD
1461	System	InverseJacobiCN
1462	System	InverseJacobiCS
1463	System	InverseJacobiDC
1464	System	InverseJacobiDN
1465	System	InverseJacobiDS
1466	System	InverseJacobiNC
1467	System	InverseJacobiND
1468	System	InverseJacobiNS
1469	System	InverseJacobiSC
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1473	System	InverseSeries
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1475	System	InverseZTransform
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1483	System	JacobiCD
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1522	System	LatitudeLongitude
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1545	System	LeftUpTeeVector
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1547	System	LeftUpVectorBar
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1549	System	LeftVectorBar
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1552	System	LegendreQ
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1607	System	ListLogLogPlot
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1612	System	ListPointPlot3D
1613	System	ListPolarPlot
1614	System	ListQ
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1618	System	ListVectorDensityPlot
1619	System	ListVectorPlot



1620	System	ListVectorPlot3D
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1625	System	Log2
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1627	System	LogGamma
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1670	System	MathieuCharacteristicB
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1674	System	MathieuSPrime
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1689	System	MeanDeviation
1690	System	MeanFilter
1691	System	Median
1692	System	MedianDeviation
1693	System	MedianFilter
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1695	System	MemberQ
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1709	System	Minors

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1722	System	MorphologicalPerimeter
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1729	System	MovingMedian
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1737	System	NArgMin
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1756	System	NevilleThetaS
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1769	System	NonPositive
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1784	System	NotebookDelete
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1786	System	NotebookFileName
1787	System	NotebookFind
1788	System	NotebookGet
1789	System	NotebookLocate
1790	System	NotebookObject
1791	System	NotebookOpen
1792	System	NotebookPrint
1793	System	NotebookPut
1794	System	NotebookRead
1795	System	Notebooks
1796	System	NotebookSave
1797	System	NotebookSelection
1798	System	NotebookWrite
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1804	System	NotGreaterFullEqual
1805	System	NotGreaterGreater
1806	System	NotGreaterLess
1807	System	NotGreaterSlantEqual
1808	System	NotGreaterTilde
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1810	System	NotHumpEqual
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1813	System	NotLeftTriangleEqual
1814	System	NotLess
1815	System	NotLessEqual
1816	System	NotLessFullEqual
1817	System	NotLessGreater
1818	System	NotLessLess
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1843	System	NotTilde
1844	System	NotTildeEqual

1845	System	NotTildeFullEqual
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1860	System	NumberFieldSignature
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1864	System	NumericQ
1865	System	NValues
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1867	System	OddQ
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1869	System	Offset
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1873	System	Opener
1874	System	OpenerView
1875	System	Opening
1876	System	OpenRead
1877	System	OpenTemporary
1878	System	OpenWrite
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1883	System	OptionsPattern
1884	System	OptionValue
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1886	System	Order
1887	System	OrderedQ
1888	System	Ordering
1889	System	Orthogonalize

1890	System	Out
1891	System	Outer
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1894	System	OutputStream
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1896	System	OverDot
1897	System	Overflow
1898	System	OverHat
1899	System	Overscript
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1901	System	OverTilde
1902	System	OverVector
1903	System	OwnValues
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1905	System	PadeApproximant
1906	System	PadLeft
1907	System	PadRight
1908	System	PaletteNotebook
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1922	System	ParallelSum
1923	System	ParallelTable
1924	System	ParallelTry
1925	System	ParametricPlot
1926	System	ParametricPlot3D
1927	System	ParentDirectory
1928	System	Parenthesize
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1931	System	ParticleData
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1933	System	PartitionsP
1934	System	PartitionsQ

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1944	System	Piecewise
1945	System	PiecewiseExpand
1946	System	PieChart
1947	System	PieChart3D
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1949	System	Placeholder
1950	System	Play
1951	System	Plot
1952	System	Plot3D
1953	System	Plus
1954	System	PlusMinus
1955	System	Pochhammer
1956	System	Point
1957	System	PointForm
1958	System	PointSize
1959	System	PoissonDistribution
1960	System	PolarPlot
1961	System	PolyGamma
1962	System	Polygon
1963	System	PolyhedronData
1964	System	PolyLog
1965	System	PolynomialExtendedGCD
1966	System	PolynomialGCD
1967	System	PolynomialLCM
1968	System	PolynomialMod
1969	System	PolynomialQ
1970	System	PolynomialQuotient
1971	System	PolynomialQuotientRemainder
1972	System	PolynomialReduce
1973	System	PolynomialRemainder
1974	System	Polynomials
1975	System	PopupMenu
1976	System	PopupView
1977	System	PopupWindow
1978	System	Position
1979	System	Positive



1980	System	PositiveDefiniteMatrixQ
1981	System	PossibleZeroQ
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1984	System	PowerExpand
1985	System	PowerMod
1986	System	PowerModList
1987	System	PowersRepresentations
1988	System	PrecedenceForm
1989	System	Precedes
1990	System	PrecedesEqual
1991	System	PrecedesSlantEqual
1992	System	PrecedesTilde
1993	System	Precision
1994	System	PreDecrement
1995	System	PreemptProtect
1996	System	Prefix
1997	System	PreIncrement
1998	System	Prepend
1999	System	PrependTo
2000	System	Prime
2001	System	PrimeNu
2002	System	PrimeOmega
2003	System	PrimePi
2004	System	PrimePowerQ
2005	System	PrimeQ
2006	System	PrimeZetaP
2007	System	PrimitiveRoot
2008	System	Print
2009	System	PrintTemporary
2010	System	ProbitModelFit
2011	System	Product
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2014	System	Projection
2015	System	PromptForm
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2017	System	Proportional
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2030	System	QuadraticIrrationalQ
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2038	System	QuotientRemainder
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2043	System	RamanujanTauL
2044	System	RamanujanTauTheta
2045	System	RamanujanTauZ
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2052	System	RandomSample
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2066	System	RealExponent
2067	System	Reap
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2069	System	RectangleChart

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2071	System	RecurrenceTable
2072	System	Reduce
2073	System	Refine
2074	System	ReflectionMatrix
2075	System	ReflectionTransform
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2077	System	RegionPlot
2078	System	RegionPlot3D
2079	System	RegularExpression
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2090	System	ReplaceAll
2091	System	ReplaceList
2092	System	ReplacePart
2093	System	ReplaceRepeated
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2095	System	RescalingTransform
2096	System	ResetDirectory
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2098	System	Resolve
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2108	System	ReverseEquilibrium
2109	System	ReverseUpEquilibrium
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2126	System	RightTriangleBar
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2128	System	RightUpDownVector
2129	System	RightUpTeeVector
2130	System	RightUpVector
2131	System	RightUpVectorBar
2132	System	RightVector
2133	System	RightVectorBar
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2136	System	RootApproximant
2137	System	RootIntervals
2138	System	RootMeanSquare
2139	System	RootOfUnityQ
2140	System	RootReduce
2141	System	Roots
2142	System	RootSum
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2144	System	RotateLeft
2145	System	RotateRight
2146	System	RotationMatrix
2147	System	RotationTransform
2148	System	Round
2149	System	Row
2150	System	RowBox
2151	System	RowReduce
2152	System	RSolve
2153	System	Rule
2154	System	RuleDelayed
2155	System	Run
2156	System	RunThrough
2157	System	RussellRaoDissimilarity
2158	System	SameQ
2159	System	SampledSoundFunction

2160	System	SampledSoundList
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2162	System	SatisfiabilityInstances
2163	System	SatisfiableQ
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2166	System	Scale
2167	System	Scaled
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2169	System	ScalingTransform
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2171	System	SchurDecomposition
2172	System	ScientificForm
2173	System	Sec
2174	System	Sech
2175	System	SectorChart
2176	System	SectorChart3D
2177	System	SeedRandom
2178	System	Select
2179	System	SelectedNotebook
2180	System	SelectionAnimate
2181	System	SelectionCreateCell
2182	System	SelectionEvaluate
2183	System	SelectionEvaluateCreateCell
2184	System	SelectionMove
2185	System	SemialgebraicComponentInstances
2186	System	SendMail
2187	System	Sequence
2188	System	SequenceAlignment
2189	System	SequenceForm
2190	System	SequenceLimit
2191	System	Series
2192	System	SeriesCoefficient
2193	System	SeriesData
2194	System	SessionTime
2195	System	Set
2196	System	SetAccuracy
2197	System	SetAttributes
2198	System	SetDelayed
2199	System	SetDirectory
2200	System	SetFileDate
2201	System	SetOptions
2202	System	SetPrecision
2203	System	SetSelectedNotebook
2204	System	SetSharedFunction

2205	System	SetSharedVariable
2206	System	SetStreamPosition
2207	System	SetSystemOptions
2208	System	Setter
2209	System	SetterBar
2210	System	Setting
2211	System	Shallow
2212	System	Share
2213	System	Sharpen
2214	System	ShearingMatrix
2215	System	ShearingTransform
2216	System	Short
2217	System	ShortDownArrow
2218	System	Shortest
2219	System	ShortestMatch
2220	System	ShortLeftArrow
2221	System	ShortRightArrow
2222	System	ShortUpArrow
2223	System	Show
2224	System	SiegelTheta
2225	System	Sign
2226	System	Signature
2227	System	Simplify
2228	System	Sin
2229	System	Sinc
2230	System	SingularValueDecomposition
2231	System	SingularValueList
2232	System	SingularValues
2233	System	Sinh
2234	System	SinhIntegral
2235	System	SinIntegral
2236	System	SixJSymbol
2237	System	Skeleton
2238	System	Skewness
2239	System	Skip
2240	System	Slider
2241	System	Slider2D
2242	System	SlideView
2243	System	Slot
2244	System	SlotSequence
2245	System	SmallCircle
2246	System	SmithWatermanSimilarity
2247	System	SokalSneathDissimilarity
2248	System	Solve
2249	System	SolveAlways

2250	System	Sort
2251	System	SortBy
2252	System	Sound
2253	System	SoundNote
2254	System	Sow
2255	System	SpaceForm
2256	System	Spacer
2257	System	SparseArray
2258	System	Speak
2259	System	Specularity
2260	System	Sphere
2261	System	SphericalBesselJ
2262	System	SphericalBesselY
2263	System	SphericalHankelH1
2264	System	SphericalHankelH2
2265	System	SphericalHarmonicY
2266	System	SphericalPlot3D
2267	System	SpheroidalEigenvalue
2268	System	SpheroidalJoiningFactor
2269	System	SpheroidalPS
2270	System	SpheroidalPSPrime
2271	System	SpheroidalQS
2272	System	SpheroidalQSPrime
2273	System	SpheroidalRadialFactor
2274	System	SpheroidalS1
2275	System	SpheroidalS1Prime
2276	System	SpheroidalS2
2277	System	SpheroidalS2Prime
2278	System	Splice
2279	System	Split
2280	System	SplitBy
2281	System	SpokenString
2282	System	Sqrt
2283	System	SqrtBox
2284	System	Square
2285	System	SquaredEuclideanDistance
2286	System	SquareFreeQ
2287	System	SquareIntersection
2288	System	SquaresR
2289	System	SquareSubset
2290	System	SquareSubsetEqual
2291	System	SquareSuperset
2292	System	SquareSupersetEqual
2293	System	SquareUnion
2294	System	SquareWave

2295	System	Stack
2296	System	StackBegin
2297	System	StackComplete
2298	System	StackInhibit
2299	System	StandardDeviation
2300	System	StandardDeviationFilter
2301	System	StandardForm
2302	System	Standardize
2303	System	Star
2304	System	StatusArea
2305	System	StieltjesGamma
2306	System	StirlingS1
2307	System	StirlingS2
2308	System	StreamDensityPlot
2309	System	StreamPlot
2310	System	StreamPosition
2311	System	Streams
2312	System	StringByteCount
2313	System	StringCases
2314	System	StringCount
2315	System	StringDrop
2316	System	StringExpression
2317	System	StringForm
2318	System	StringFormat
2319	System	StringFreeQ
2320	System	StringInsert
2321	System	StringJoin
2322	System	StringLength
2323	System	StringMatchQ
2324	System	StringPosition
2325	System	StringQ
2326	System	StringReplace
2327	System	StringReplaceList
2328	System	StringReplacePart
2329	System	StringReverse
2330	System	StringSkeleton
2331	System	StringSplit
2332	System	StringTake
2333	System	StringToStream
2334	System	StripBoxes
2335	System	StruveH
2336	System	StruveL
2337	System	StudentTDistribution
2338	System	Style
2339	System	StyleBox



2340	System	StyleForm
2341	System	StylePrint
2342	System	Subfactorial
2343	System	SubMinus
2344	System	SubPlus
2345	System	Subresultants
2346	System	Subscript
2347	System	SubscriptBox
2348	System	Subset
2349	System	SubsetEqual
2350	System	Subsets
2351	System	SubStar
2352	System	Subsuperscript
2353	System	SubsuperscriptBox
2354	System	Subtract
2355	System	SubtractFrom
2356	System	SubValues
2357	System	Succeeds
2358	System	SucceedsEqual
2359	System	SucceedsSlantEqual
2360	System	SucceedsTilde
2361	System	SuchThat
2362	System	Sum
2363	System	SumConvergence
2364	System	SuperDagger
2365	System	SuperMinus
2366	System	SuperPlus
2367	System	Superscript
2368	System	SuperscriptBox
2369	System	Superset
2370	System	SupersetEqual
2371	System	SuperStar
2372	System	SurfaceColor
2373	System	SuspendPacket
2374	System	Switch
2375	System	Symbol
2376	System	SymbolName
2377	System	SymmetricMatrixQ
2378	System	SymmetricPolynomial
2379	System	SymmetricReduction
2380	System	SyntaxInformation
2381	System	SyntaxLength
2382	System	SyntaxPacket
2383	System	SyntaxQ
2384	System	SystemDialogInput

2385	System	SystemInformation
2386	System	SystemOpen
2387	System	SystemOptions
2388	System	Table
2389	System	TableForm
2390	System	TabView
2391	System	TagBox
2392	System	TagSet
2393	System	TagSetDelayed
2394	System	TagUnset
2395	System	Take
2396	System	TakeWhile
2397	System	Tally
2398	System	Tan
2399	System	Tanh
2400	System	TautologyQ
2401	System	TeXForm
2402	System	TeXSave
2403	System	Text
2404	System	TextCell
2405	System	TextPacket
2406	System	Therefore
2407	System	Thickness
2408	System	Thread
2409	System	ThreeJSymbol
2410	System	Through
2411	System	Throw
2412	System	Thumbnail
2413	System	Tilde
2414	System	TildeEqual
2415	System	TildeFullEqual
2416	System	TildeTilde
2417	System	TimeConstrained
2418	System	Times
2419	System	TimesBy
2420	System	TimeUsed
2421	System	TimeZone
2422	System	Timing
2423	System	ToBoxes
2424	System	ToCharacterCode
2425	System	ToColor
2426	System	ToDate
2427	System	ToeplitzMatrix
2428	System	ToExpression
2429	System	ToFileName

2430	System	Together
2431	System	Toggler
2432	System	TogglerBar
2433	System	ToLowerCase
2434	System	ToNumberField
2435	System	Tooltip
2436	System	TopHatTransform
2437	System	ToRadicals
2438	System	ToRules
2439	System	ToString
2440	System	Total
2441	System	ToUpperCase
2442	System	Tr
2443	System	Trace
2444	System	TraceDialog
2445	System	TraceLevel
2446	System	TracePrint
2447	System	TraceScan
2448	System	TraditionalForm
2449	System	TransformationFunction
2450	System	TransformationMatrix
2451	System	Translate
2452	System	TranslationTransform
2453	System	Transpose
2454	System	TreeForm
2455	System	TreePlot
2456	System	TriangleWave
2457	System	TriangularDistribution
2458	System	TrigExpand
2459	System	TrigFactor
2460	System	TrigFactorList
2461	System	Trigger
2462	System	TrigReduce
2463	System	TrigToExp
2464	System	TrimmedMean
2465	System	TrueQ
2466	System	Tube
2467	System	Tuples
2468	System	TuringMachine
2469	System	Uncompress
2470	System	UnderBar
2471	System	Underflow
2472	System	Underoverscript
2473	System	UnderoverscriptBox
2474	System	Underscript

2475	System	UnderscriptBox
2476	System	Unequal
2477	System	Unevaluated
2478	System	UniformDistribution
2479	System	Uninstall
2480	System	Union
2481	System	UnionPlus
2482	System	Unique
2483	System	UnitBox
2484	System	Unitize
2485	System	UnitStep
2486	System	UnitTriangle
2487	System	UnitVector
2488	System	Unprotect
2489	System	UnsameQ
2490	System	Unset
2491	System	UnsetShared
2492	System	UpArrow
2493	System	UpArrowBar
2494	System	UpArrowDownArrow
2495	System	Update
2496	System	UpDownArrow
2497	System	UpEquilibrium
2498	System	UpperCaseQ
2499	System	UpperLeftArrow
2500	System	UpperRightArrow
2501	System	UpperTriangularize
2502	System	UpSet
2503	System	UpSetDelayed
2504	System	UpTee
2505	System	UpTeeArrow
2506	System	UpValues
2507	System	UsingFrontEnd
2508	System	V2Get
2509	System	ValueQ
2510	System	Variables
2511	System	Variance
2512	System	VectorAngle
2513	System	VectorDensityPlot
2514	System	VectorPlot
2515	System	VectorPlot3D
2516	System	VectorQ
2517	System	Vee
2518	System	Verbatim
2519	System	VerticalBar

2520	System	VerticalSeparator
2521	System	VerticalSlider
2522	System	VerticalTilde
2523	System	WaitAll
2524	System	WaitNext
2525	System	WeatherData
2526	System	WeberE
2527	System	Wedge
2528	System	WeibullDistribution
2529	System	WeierstrassHalfPeriods
2530	System	WeierstrassInvariants
2531	System	WeierstrassP
2532	System	WeierstrassPPrime
2533	System	WeierstrassSigma
2534	System	WeierstrassZeta
2535	System	Which
2536	System	While
2537	System	WhittakerM
2538	System	WhittakerW
2539	System	With
2540	System	WordData
2541	System	Write
2542	System	WriteString
2543	System	Wronskian
2544	System	XMLElement
2545	System	XMLObject
2546	System	Xnor
2547	System	Xor
2548	System	YuleDissimilarity
2549	System	ZernikeR
2550	System	Zeta
2551	System	ZetaZero
2552	System	ZipfDistribution
2553	System	ZTransform
2554	System	\$DisplayFunction
2555	System	\$FormatType
2556	System	\$FrontEndSession
2557	System	\$SoundDisplayFunction
2558	VariationalMethods	RowBox
2559	VariationalMethods	StyleBox
2560	WorldPlot	USData
2561	WorldPlot	WorldData