

Useful commands. Try them if you like!

general

Immutable IsIdenticalObj KnownAtributesOfObject KnownPropertiesOfObject MakeImmutable Print ShallowCopy StructuralCopy

Lists and matrices

Ranges: [1..9]; [9,8..1];

Manipulating

Add Append Permuted Remove Remove RemoveSet Sort Unbind

Generating new lists and matrices

Collected Combinations Compacted List ListWithIdenticalEntries NullMat Nullspace-Mat Partitions RestrictedPartitions Reversed Set TransposedMat Tuples Union UnorderedTuples

Permutations

MappingPermListList PermList PermListList RestrictedPerm

Groups

Center CompositionSeries DerivedSubgroup Elements FactorGroup FpGroupPresentation GeneratorsOfGroup Inverse IsAbelian IsNormal IsSimple IsSubgroup IsomorphismFpGroup IsomorphismGroups IsomorphismPermGroup NiceMonomorphism RightCosets StructureDescription SubnormalSeries SylowSubgroup

Group actions

Action OnLeftInverse OnPoints OnRight OnSets OnSetsSets Orbit Transitivity

Mappings and homomorphisms

Image ImagesSource IsomorphismFpGroup IsomorphismPermGroup MappingBy-Function PreImage PreImages PreImagesRepresentative Range