RowReduce

RowReduce[m] gives the row-reduced form of the matrix m.

RowReduce adds multiples of rows together, producing zero elements when possible. The final matrix is in reduced row echelon form. RowReduce works on both numerical and symbolic matrices. RowReduce[m, ZeroTest -> test] evaluates test[m[[i, j]]] to determine whether matrix elements are zero. The default setting is ZeroTest -> (# == 0)&. See page 448. See also: NullSpace, LatticeReduce.