

## CS/MATH 4414 Homework #5

For the software library from the list below assigned to you, write a report of between one and two single-spaced pages. Give the motivation, history, individuals involved, noteworthy applications, contents, and current status of the library. Include at least two *published* (not Web) references.

EISPACK	FUNPACK/SPECFUN	LINPACK
MINPACK	QUADPACK	ODEPACK
ELLPACK	ITPACK	SPARSEPACK
LAPACK	IMSL	NAG
SLATEC	PETSc	AVS
HOMPACK90	ODRPACK95	SHEPPACK
VTDIRECT95		