Matrix Type	Operation	S	C	D	Z
Symmetric	Symmetric Eigenproblem solver	SSYEV		DSYEV	
	Symmetric Eigenproblem solver (expert)	SSYEVX		DSYEVX	
	Symmetric band reduction	SSYRDB		DSYRDB	
Tridiagonal	Find eigenvalues using bisection	SSTEBZ		DSTEBZ	
	Find eigenvalues using QR/QL iteration	SSTEQR	CSTEQR	DSYRDB	ZSTEQR