

Matrix Type	Operation	S	C	D	Z
General	General Eigenproblem solver	SGEEV	CGEEV	DGEEV	ZGEEV
	Hessenberg reduction	SGEHRD	CGEHRD	DGEHRD	ZGEHRD
	Generate Q from Hessenberg reduction	SORGHR	CUNGHR	DORGHR	ZUNGHR