16	N>b	MONE SAMPLES THAN FEATURES
A	EIRNXP	SAMPLES ON NOWS, FEATURES ON COLUMNS
A	- س کے ۱	JT UERNXP, SERPXP, VTERPXP
=	-0 V	NEUT SINGUAR VALUES
		LO PUNCIPAL DIRECTIONS
		- AV PRUNCIPAL COMPONENTS (PROJECTION OF DATA ON THE PRINCIPAL DIRECTIONS)
		ERXXP
1F	A'ERP	FEATURES ON ROWS, SAMPLES ON COLS 'V' U'ERPXP, I'ERPXP, V'TERPXN V'I'U'T
A	- Ω, Σ,	V' U'ERPXP, I'ERPXP, V'TERPX
A :	= A =	V 2 0
	=0	U'LEFT SINGULAR VALUES LO PRUNCIPAL DINEETIONS
		Φ = U'TA' PRINCIPAL COMPONENTS
		D ∈ IR PXn
		MORE FEATURES THAN SAMPLES
A	ETZNX4	SAMPLES ON ROWS
Ą	= UZ	UT, UETRNXN, JETRNXN, VTETRNXP
	-0	> V NOUT SINGULAR VALUES LD PRINCIPAL DIRECTIONS
		\$= AV PUNCIAN COMONENTS
		$\Phi \in \mathbb{R}^{n \times n}$
	0×n	
A'	e IR	SAMPLES ON COLUMNS
Α':	- U` I`	V'T U'ETRPX", S'ETRNXN, V"ETRNXN
	_	DU' LEFT SINGULAR VALLES LD PRINCIPAL DIRECTIONS
		T NXN
		D=U'TA, DETR PUNCIPAL COMPONENTS