



ONLY INTERNAL
POINTS, FOR
THE TIME BEING
 $data_{int}$ reshaped

statistics	comp. fluid dyn.	our project
DATA POINT	SNAPSHOT (AT GIVEN t)	SOLUTION (FOR SOME PARAMS)
FEATURE	VELOCITY AT SOME FIXED POSITIONS	SOLUTION AT SOME GIVEN POS.
X DATA MATRIX	S	S POINT
X - COLUMN WISE MEANS	$U = S$ - COLUMN-WISE MEANS	$V = S$ - COLUMN- WISE MEAN
$S = \frac{X'X}{n-1}$	$C = \frac{1}{p-1} U^T U$	$C = \frac{1}{p-1} U^T U$

POINT
PARAMETER