

ToFu

ToFu_PathFile

(small module handling paths/files may be called by any module)

ToFu_Default

(Default parameters storage for computation and plotting

Input geometry

ToFu_Geom v0.1 3D geometry of the diagnostic Computes geometrical quantities Provides visualisation tools

General_Geom v0.1

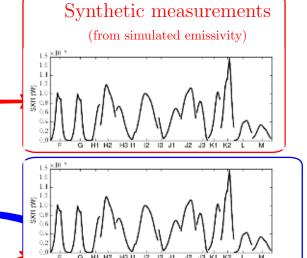
Provides general geometry tools

ToFu_MatComp v0.1

Geometry matrix computation 3D or LOS approach Fitting tools for synthetic diag. Provides visualisation tools

ToFu_Load

Tokamak-specific data loading (AUG JET WEST Compass...)

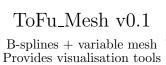


Experimental measurements

+ constraints (e.g. magnetic field)

Discretisation

mesh + basis functions)





ГоFu_Inv_v0

ToFu_Data

Data treatment

Visualisation

arious algorithms available vious visualisation tools

Choice of inversion method (Phillips-Tikhonov type)

Pigasus / CAID

Advanced adaptative mesh

Direct

or

Projected

or

Built-in

Simulated emissivity

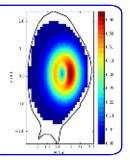
Impurity transport (TRANSP...)

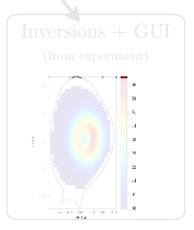
MHD code (JOREK...)

Girokinetics (GYSELA...)

Fast electrons (LUKE...)

Others...





Inputs

Outputs

