

#1293: OptiStruct – Best Practices for Post-Processing Optimizations

Product: OptiStruct

Product Version: OptiStruct 12.0 or above

Topic Objective

Best Practices for Post-Processing Optimizations.

Topic Details

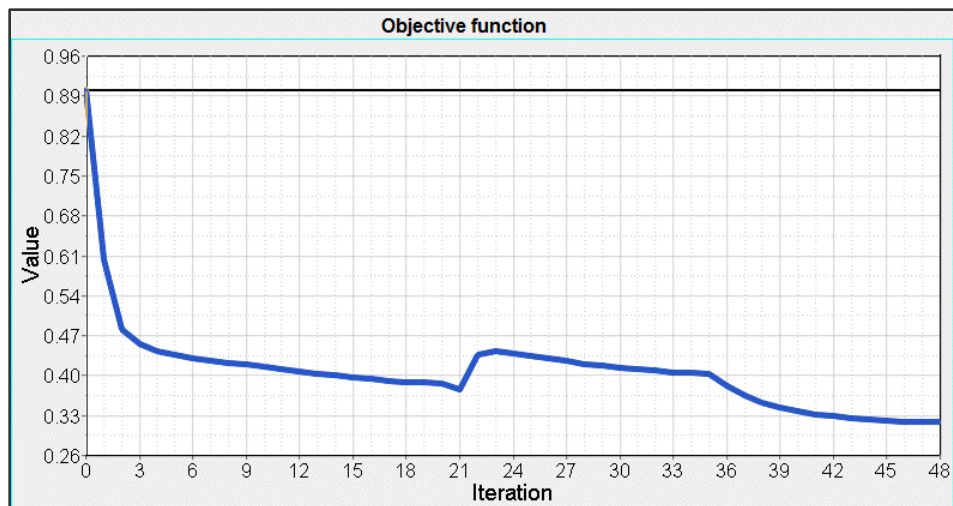
When the optimization run completes, check the output and history of optimization first

- Review .out file (text file) comments on optimization process.

Response User-ID	Type	Response Label	Subcase /Frcncy	Grid/Element/ MID/FID/ Mode No.	DOF/Comp /Reg	Response Value	Objective Reference/ Constraint Bound	Viol. %
1	VOLFR	Vol	--	--	TOTL	3.164E-01	MIN	
2	DISPL	upperdis	1	69	TY	6.990E-02	< 7.000E-02	0.0 A
3	DISPL	lowerdis	1	673	TY	-6.990E-02	> -7.000E-02	0.0 A

OPTIMIZATION HAS CONVERGED.

- Review result of _hist.mvw file (HyperGraph session file) check convergence pattern values of objective, constraints, responses.



- Review result of .mvw file (HyperView session file) visualization of optimization results.

