

A posteriori estimates for hybrid DG methods

H. Egger

Institute for Mathematics and Scientific Computing, University of Graz, Austria

herbert.egger@uni-graz.at

We discuss a class of a-posteriori error estimators for hybrid discontinuous Galerkin methods. As two particular instances, we obtain an estimator of residual-type, and a second estimator based on equilibration. Both methods yield certified upper bounds for the error without generic constants.