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**Xiu Ye\*** ([xye@ualr.edu](mailto:xye@ualr.edu)), 2801 S. University Ave, Little Rock, AR 72223. *Finite element methods with discontinuous approximations.*

In this presentation, different finite element methods with discontinuous approximations will be discussed including IPDG, HDG and specially WG finite element methods as well as the relations between them. In addition, new stabilizer free discontinuous finite element methods will be introduced. (Received September 08, 2019)