1. Intro/Motivation
   1. Slide on more accurate transport solutions in general
   2. Introduce transport equation
   3. Slide marrying polytope meshes, higher-order basis functions, and DSA
   4. Polytope slide – use old one
   5. Higher-order BF slide – use old one
   6. SI with quick need for DSA (1-group and upscatter)
2. Polygonal basis functions
   1. FEM architecture slide – take from prelim
   2. Barycentric coordinates properties
   3. Wachspress
   4. PWL
   5. MV
   6. MAXENT
   7. Summary slide for linears
   8. Conversion to quadratic
   9. 3D PWL
   10. 2D results
       1. Summary Slide
       2. Thick diffusion limit
       3. Linear solution
       4. Quadratic solution
       5. MMS
       6. Pure absorber
3. DSA Discretization
   1. General DSA theory
   2. Overview of past DSA discretizations
   3. SIP
   4. SIP Penalty
   5. MIP form and modifications from SIP
   6. Results
      1. 3D fourier results
      2. Scaling results
4. Thermal Neutron Upscattering Acceleration
   1. Intro slide
   2. Description of IM1 problem
   3. TG
   4. MTG
   5. MJA and MJIA
   6. IM1 results
      1. Fourier analysis
      2. 2d results
      3. 3d results
5. Conclusions
   1. Conclusions
   2. Open Items