

Self-Lumping Techniques for DFEM S_N Transport in 2D and 3D Cartesian Geometries

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February 10, 2013

1 Introduction

In these notes we give the functional forms for all of the 2D quadrilateral basis functions that we will analyze our lumping schemes for.

2 1D Interpolation Nodes

3 2D Basis Functions

3.1

4 3D Basis Functions