

Initialize Space

- First we need to get all triangles
 - `glue::Phase omega = glue::make_phase(...);`
- Next we must allocate space for the discrete FEM element matrix array
 - `unsigned int T = omega.m_triangles.size();`
 - `std::vector<util::Block3x3Tensor2> Es;`
 - `Es.resize(T);`

Compute Element Matrix Array

- Next we compute the element matrices and fill them into the array
- `for(unsigned int t = 0; t < T; ++t)`
- `{`
 - `Es[t].m_blocks[0][0] = ... compute E_ii....;`
 - `Es[t].m_blocks[0][1] = ... compute E_ij....`
 - `...`
 - `Es[t].m_blocks[2][2] = ... compute E_kk....`
- `}`