Precalculations:

* Calculate analytical integration constants for GI, for tetrahedra and surfaces
* Calculate gaussian quadrature weights and points, for tetrahedra and surfaces.

During calculations:

* Calculate R matrix for VV, SV, VS, SS.
* Calculate GN and GA matrices.
* Multiply GN and GA with according values.
* Sum GN and GA related matrices along n axis to reduce them into vectors.
* Calculate GI vectors.\*
* Do remaining additions and multiplications.
* Sum vectors.