Transformation Phase Plans

Updated: 4/30/14

Need an orientation relationship and morphological relationship – need to add these in (stats generator?)

Have to run match crystallography before this filter on the primary phase

Transformation phase needs to know its parent (different than precipitate phase)

Make an enumeration of known orientation relationships

Twins

Start with just coherent sigma-3

Change insert precip filter to make like insert twins code

Need centroids of each grain as a starting pt for the twin placement

Insert ellipsoids and make them growth centers with a CA

Need to make habit plane and orientation relationship work

Alpha Laths

Pearlite colony size

Parallel plates

Grow off GBs

Beta - HCP

Colony size

Variant GBs