

### crystallite\_updateState

```
residuum = (constitutive_state - constitutive_subState0) - constitutive_subdt * constitutive_dotState(...)
```

NaN occurred in residuum

.true.

.false.

NO CONVERGENCE: return

∅

```
constitutive_state = constitutive_state - residuum
```

```
crystallite_updateState = abs(residuum / constitutive_state) < rTol_crystalliteState
```

return