crystallite_stressAndItsTangent (stiffness calculation)

crystallite_converged

.true.

```
myState = constitutive_state
myF  = crystallite_subF
myFp = crystallite_Fp
myFe = crystallite_Fe
myLp = crystallite_Lp
myP  = crystallite_P
```

```
k = 1 , 3
    l = 1 , 3
        crystallite_subF(:,:) = myF
        crystallite_subF(k,l) = crystallite_subF(k,l) + pert_Fg

        onTrack = .true.
        converged = .false.
        NiterationState = 0

        STIFFNESS LOOP: .not. converged .and. onTrack .and. NiterationState < nState
            NiterationState = NiterationState + 1
            onTrack = crystallite_integrateStress
            onTrack
            .true.:  converged = crystallite_updateState
            .false.: ∅
        converged
        .true.:  crystallite_dPdF = ( crystallite_P - myP ) / pert_Fg
        .false.: ∅

        constitutive_state = myState
        crystallite_Fp = myFp
        crystallite_Fe = myFe
        crystallite_Lp = myLp
        crystallite_P  = myP
```

.false.

```
crystallite_dPdF = crystallite_fallbackdPdF
```