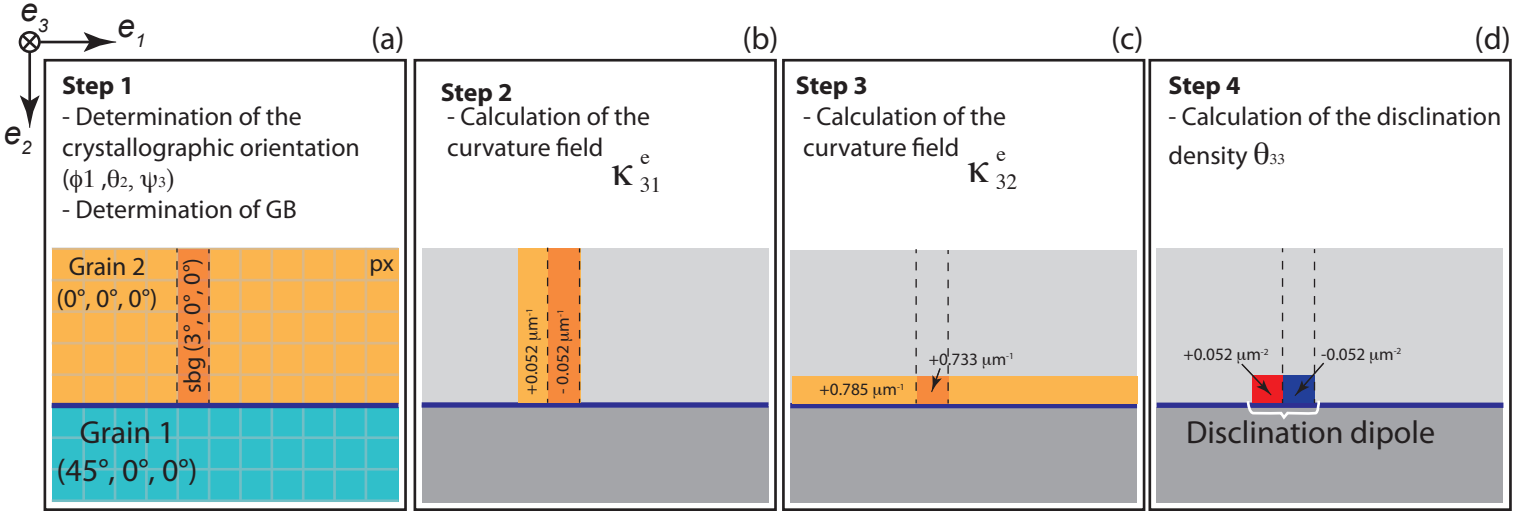
e3
e1
e2
(a)
Step 1
- Determination of the crystallographic orientation (φ1 ,θ2, ψ3)
- Determination of GB
Grain 2
(0°, 0°, 0°)
sbg (3°, 0°, 0°)
px
Grain 1
(45°, 0°, 0°)
(b)
Step 2
- Calculation of the curvature field κ e 31
+0.052 µm-1
-0.052 µm-1
(c)
Step 3
- Calculation of the curvature field κ e 32
+0.733 µm-1
+0.785 µm-1
(d)
Step 4
- Calculation of the disclination density θ33
+0.052 µm-2
-0.052 µm-2
Disclination dipole