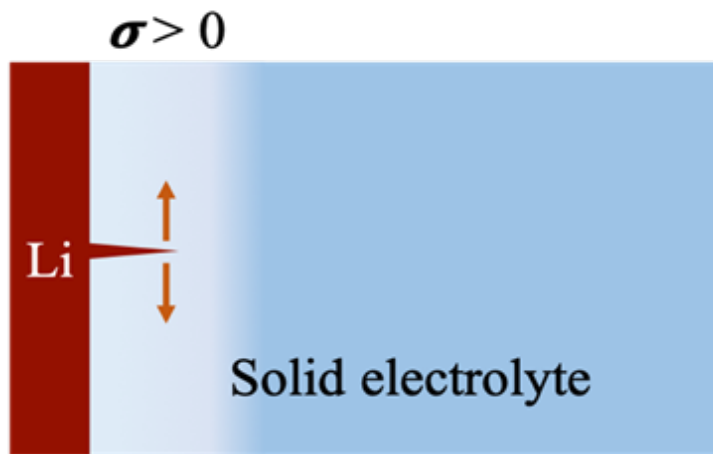
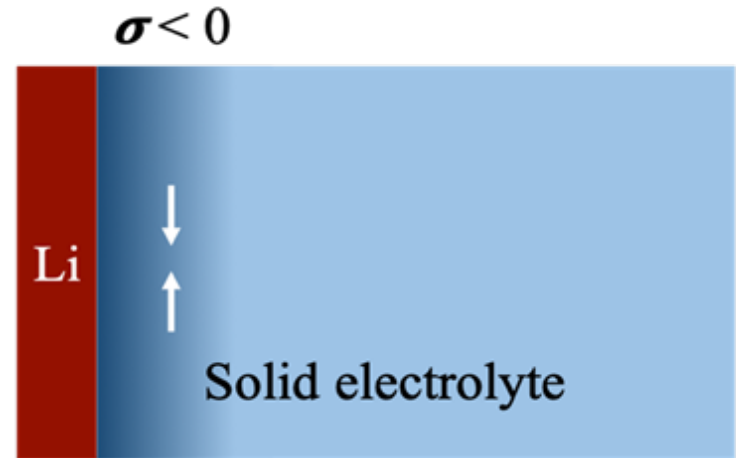


Proposed Solution to Dendrite Penetration

- Put the surface into state of compressive stress
 - Cracks cannot form and propagate
 - Pre-existing cracks tend to close
 - Widely used in industry for metals, ceramics, and glasses



Tensile surface stress promotes Li dendrite growth



Compressive surface stress prevents Li dendrite penetration