

# Accepted Manuscript

Quasi-isotropic and locked grain growth dynamics in a three-phase eutectic system

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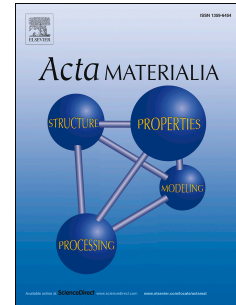
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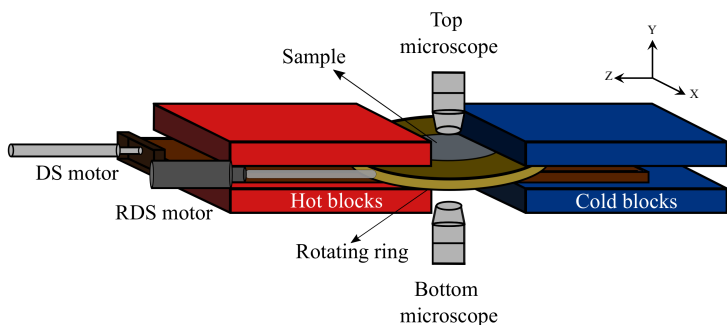
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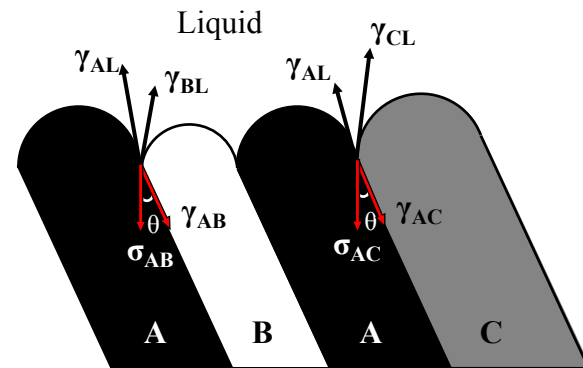
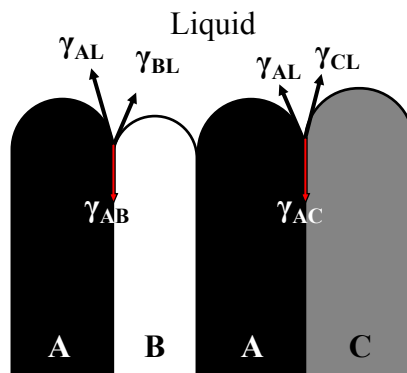


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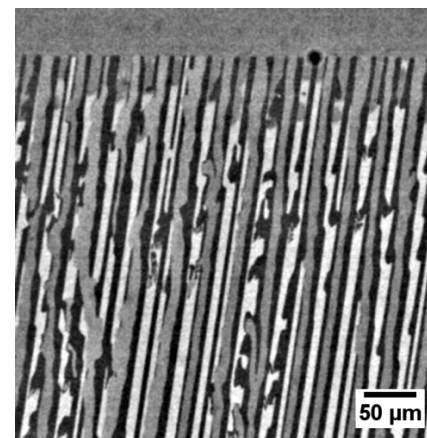
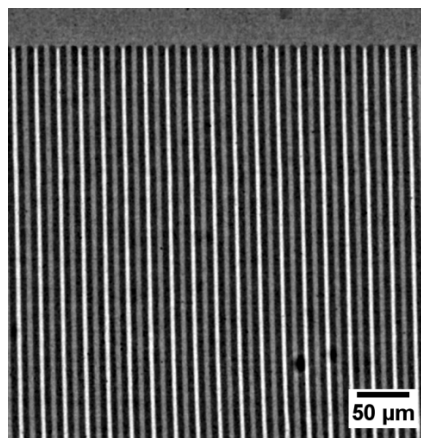
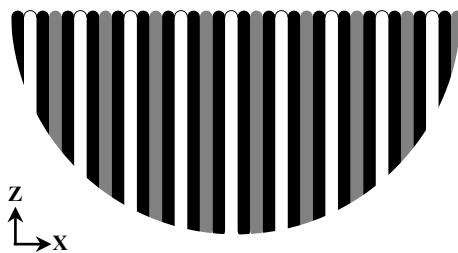


Quasi-isotropic three-phase eutectic grain

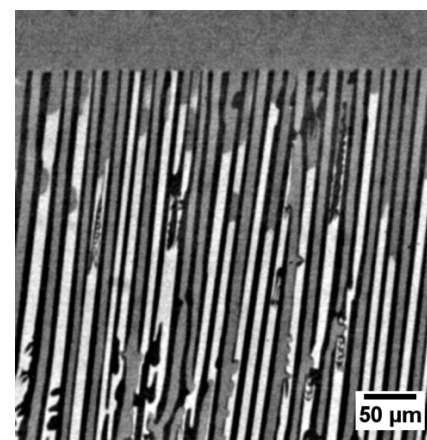
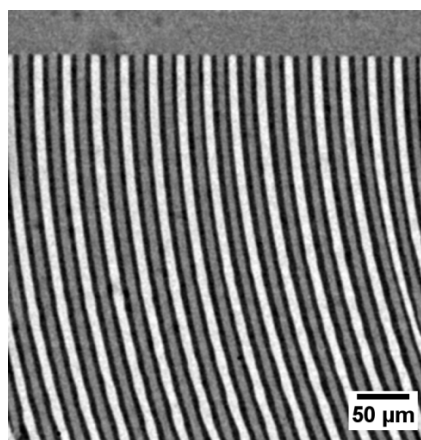
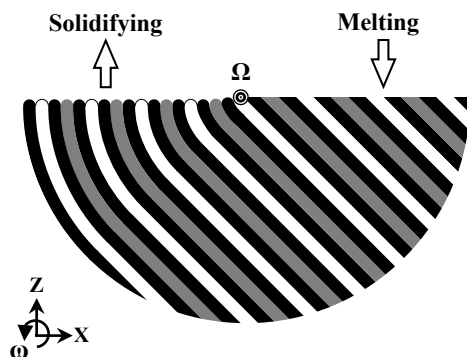
Locked three-phase eutectic grain



Directional solidification



Rotating directional solidification



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