

A tentative table of content:

I - Crystalline equilibrium

- a) Theory
- b) Equilibrium shape

II - Growth Mechanisms

III- Minimal Model

IV- Elementary solutions

- a) Planar front
- b) Circular front

V- Mullins-Sekerka instability

- a) Mechanism
- b) Stability of the planar front
- c) Stability of the circular germ

VI- Dendritic growth

VII- Other examples of growth fronts

- a) Saffman Taylor finger
- b) Flame front.

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