

- BenHadid, H., Henry, D., 1997. Numerical study of convection in the horizontal Bridgman configuration under the action of a constant magnetic field. Part2. Three-dimensional flow. *Journal of Fluid Mechanics* **333**, 57-83.
- BenHadid, H., Henry, D., 1996. Numerical simulations of convective three-dimensional flows in a horizontal cylinder under the action of a constant magnetic field. *Journal of Crystal Growth* **166**, 436-445.
- Bessaïh, R., Kadja, M., Marty, P., 1999. Effect of wall electrical conductivity and magnetic field orientation on liquid metal flow in a geometry similar to the horizontal Bridgman configuration for crystal growth. *International Journal of Heat and Mass Transfer* **42**, 4345-4362.
- Garandet, J., Alboussière, T., 1999. Bridgman growth: modelling and experiments. *Progress in Crystal Growth* **38**, 73-132.
- Gelfgat, A., Yu, Tanasawa, I., 1994. Numerical analysis of oscillatory instability of buoyancy convection with the Galerkin spectral method. *Numerical Heat Transfer, Part A* **25**, 627-648.
- Gelfgat, A., Yu, Bar-Yoseph, P.Z., Solan, A., 2001. Effect of axial magnetic field on three-dimensional instability of natural convection in a vertical Bridgman configuration. *Journal of Crystal Growth* **230**, 63-72.
- Hurle, D.T.J., 1966. Temperature oscillations in molten metals and their relationship to growth striate in melt-grown crystals. *Phil. Mag.* **13**, 305-310.
- Hurle, D.T.J., 1993. *Crystal growing from the Melt*. Springer-Verlag, Berlin. pp. 80.
- Iwatsu, R., 2004. Flow pattern and heat transfer of swirling flows in cylindrical container with rotating top and stable temperature gradient. *International Journal of Heat and Mass Transfer* **47**, 2755-2767.
- Mebarek-Oudina, F., Bessaïh, R., 2007. Magneto hydrodynamic stability of natural convection flows in Czochralski crystal growth. *World Journal of Engineering* **4(4)**, 15-22.
- Patankar, S.V., 1980. *Numerical heat transfer and fluid flow*. Hemisphere, Washinton,DC, 115-134.
- Series, R., Hurle, D., 1991. The use of magnetic fields in semiconductor crystal growth. *Journal of Crystal Growth* **113**, 305-328.
- Touihri, R., BenHadid, H., Henry, D., 1999. On the onset of convective instabilities in cylindrical cavities heated from below. II. effect of magnetic field. *Physics of Fluids* **11**, 2089-2100.
- Utech, H., Flemings, M., 1966. Elimination of solute banding in indium antimonide crystals by growth in a magnetic field. *Journal of Applied Physics* **37**, 2021-2024.
- Wakitani, S., 2001. Numerical study of three-dimensional oscillatory natural convection at low Prandtl number in rectangular enclosures. *ASME Journal of Heat Transfer* **123**, 77-83.