

Literature solutions to Unsteady State Heat Transfer to a Sphere

Heisler charts (Geankoplis; see also Wikipedia)

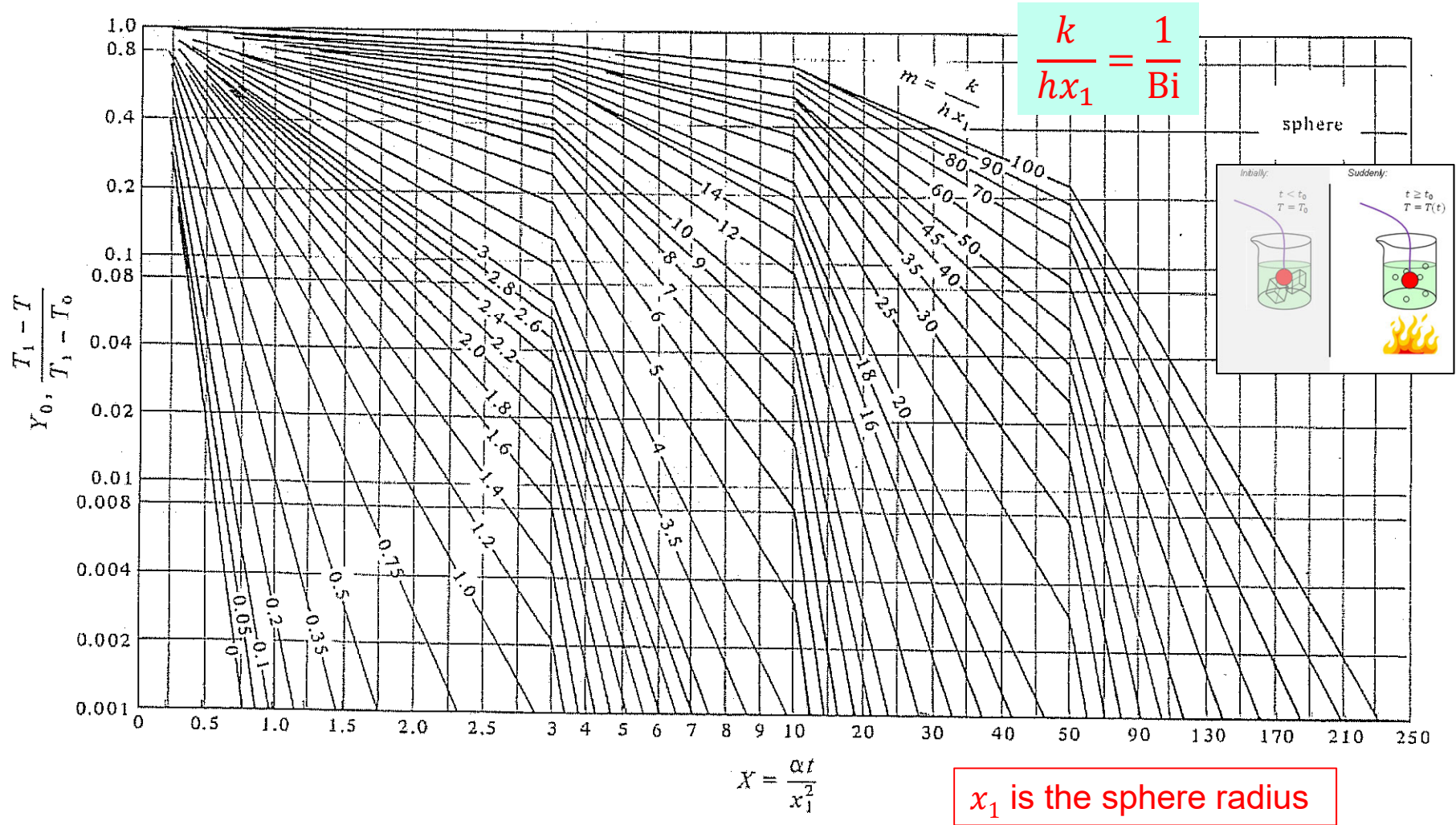


FIGURE 5.3-10. Chart for determining the temperature at the center of a sphere for unsteady-state heat conduction. [From H. P. Heisler, *Trans. A.S.M.E.*, 69, 227 (1947). With permission.]

From Geankoplis, 4th ed., page 374; see also Welty, Rorrer, Foster, 6th ed., p717, and Wikipedia.

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Note also: think of it as 4 separate graphs

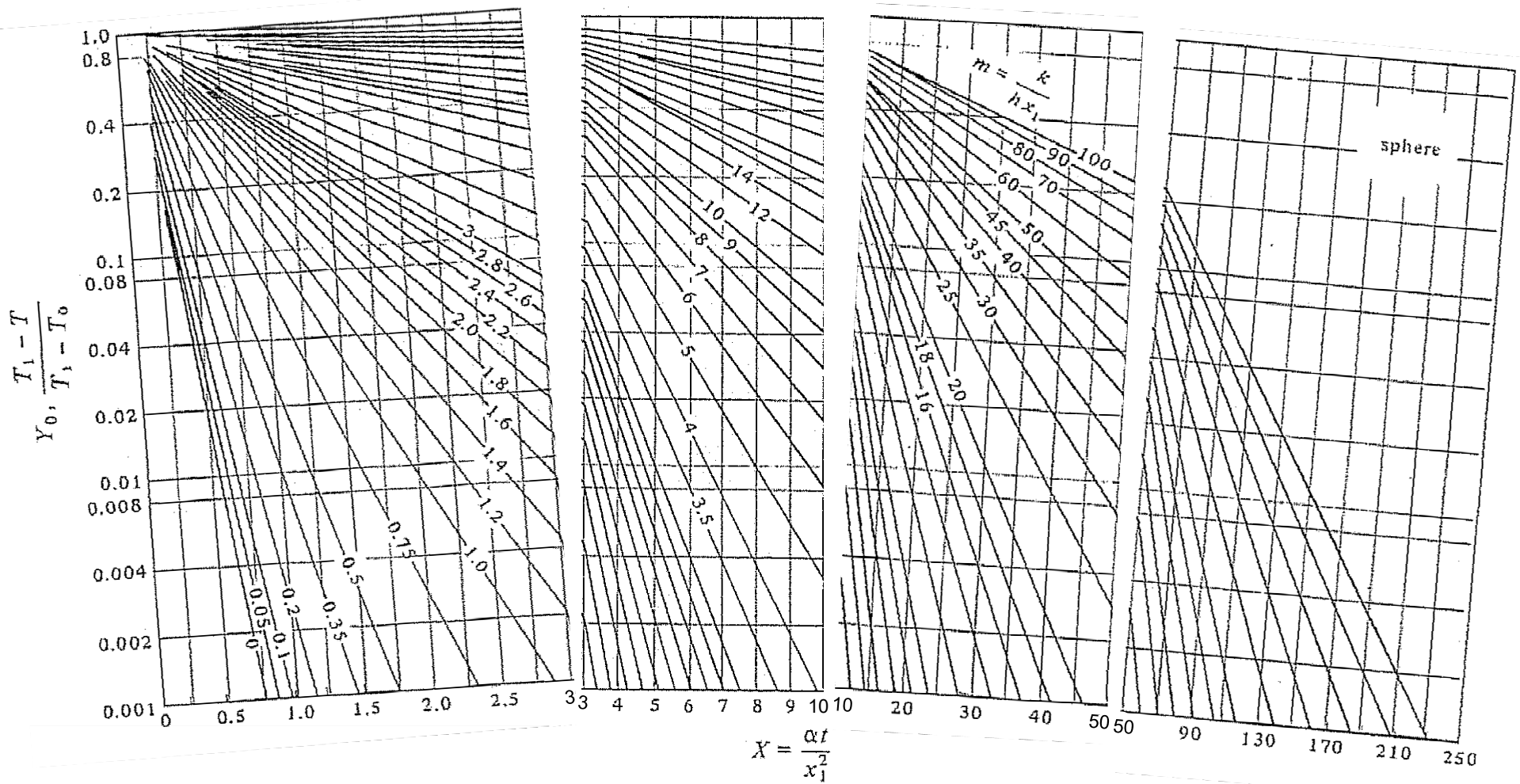


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