

Physics 106b
Problem set number 7
Due Wednesday, March 3, 1999

Notes about course:

- Note that there is a “Ph106” box in room 335, which can be used for submitting homework sets.
- TAs:

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- Web page URL:
<http://www.cithep.caltech.edu/~fcp/ph106/>

Reading: Jackson Chapter 3, sections 3.1 through 3.11.

33. Schwarz-Christoffel exercise: Find a Schwarz-Christoffel transformation which maps the geometry in the figure below onto the infinite half-plane. I have noted in parentheses on the figure the locations to map to in the w -plane for various points.
34. Jackson problem 2.13.
35. Jackson problem 3.1.
36. Jackson problem 3.3.
37. Jackson problem 3.5.