

**Complex Analysis, MTH G204.
Fall 2004. Professor Mikhail Shubin.**

Textbook:

Complex Analysis, by Theodore W. Gamelin. Springer-Verlag New York, Inc., 2001.
Corrected printing 2003

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Homework assignment no. 6
(due October 26)

A general remark. Problems marked with * have an extended due date, which is not specified now. They are usually more difficult, but on the other hand, they are definitely worth thinking about. Please hand me any one of them when it is ready. Some of them may be topics for projects.

1. Section VI.1, pages 170-171: 1(a,b).
2. Section VI.2, pages 176-178: 1(a,c,d,e), 2(a,c), 3.
3. Section VI.3, page 179: 2, 4(a).
4. Section VI.4, pages 181-182: 1(a,c,d), 2(a).
5. Section VI.5, pages 185-186: 2, 3, 7*.