

set of irreducible unitary representations for each real semisimple G that are attached to the nilpotent G orbits in $\text{Lie}(G)$. Experimental evidence indicates that these problems are inextricably connected. Miraculously, their resolution should have implications for automorphic forms (cf. [1]). Jantzen has found a subject perfectly suited for an advanced text: one which has reached not the top of the mountain, but a solid ledge with a beautiful view.

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BULLETIN (New Series) OF THE
AMERICAN MATHEMATICAL SOCIETY
Volume 12, Number 2, April 1985
©1985 American Mathematical Society
0273-0979/85 \$1.00 + \$.25 per page

Complex analysis, a functional analysis approach, by D. H. Luecking and L. A. Rubel, Universitext, Springer-Verlag, New York, 1984, vii + 176 pp., \$16.00. ISBN 0-3879-0993-1

1. Function theory in functional analysis. Many branches of mathematics owe a debt to classical function theory. This is especially true of functional analysis. Here the archetypal application, due to M. H. Stone (in his famous 1932 book