α is called the meridianal automorphism of π'.

In the two cases where π' is finite and where $\pi' = \mathbf{Z}^3$ or G_6, the positive meridianal automorphisms are discussed at length. The results are essentially complete ("Essentially" meaning up to ideal class group problems in algebraic number theory.)

The book is very pleasant reading (if one accepts the small size of the typography). I have not found any misprint (except the "unavoidable" mutation of meridianal into meridional at a couple of places [on pages 66 and 106] — perhaps for the fun of it?).

This book gives a very complete technical account of the remarkable progress in our understanding of 2-knot groups in the last decade.

It is still difficult at present to give a simple and concise summary of the results, if it ever turns out to be possible; but the author's presentation of such lively and dynamic mathematical research, showing the subject in the process of its development, should certainly be very stimulating for the ambitious student.

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Capacities in complex analysis, by Urban Cegrell. Aspects of Math., vol. E14, Friedr. Viewag and Sohn, Braunsweig, Wiesbaden, 1988, x+153 pp. ISBN 3-528-06335-1.

Capacities are set functions that can be thought of as nonlinear generalizations of measures. They play an important role in complex analysis, often in connection with giving the correct notion of "small set" for a particular problem. The classic potential theory associated with the Laplace operator and subharmonic functions is a deep and beautiful theory that connects the Dirichlet problem; analytic, harmonic, and subharmonic functions; Brownian motion; and Newtonian or logarithmic capacity. In the last decade, there has been progress in developing analogues of this theory for applications dealing with analytic and plurisubharmonic functions in several complex variables. This short monograph is the first to