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Reinhard Siegmund-Schultze* (reinhard.siegmund-schultze@uia.no), Prof. Reinhard Siegmund-Schultze, 4604 Kristiansand, Norway. *Mathematicians fleeing from Hitler's Germany*.

This is basically an announcement of a forthcoming book by the author at Princeton University Press. The book is an extended and revised translation of a previous German book of 1998. The emigration of mathematicians from Europe after 1933 and the ensuing shift of the world center of mathematics from Europe to the United States is arguably the most important historical result of Nazi rule for mathematics. The book gives the first account of emigration in mathematics from Europe during the Nazi period. The discussion is restricted to German-speaking emigration, which, however, was by far the most important part of the overall emigration, only partly matched by Polish, and, to an even lesser extent, French and Italian emigration. Emigrant-mathematicians discussed in the book include Emil Artin, Richard Courant, John von Neumann, Emmy Noether, Richard Brauer, Richard von Mises, Issai Schur, Hermann Weyl, and many others. Although the main focus is on emigration, the book also gives a cursory account of persecuted mathematicians which did not or could not escape from Europe, and of some of the mechanisms of Nazi rule in Germany. (Received September 03, 2007)