

will find several new and interesting considerations discussed. I certainly did. I noticed only a few typos. The bibliography is reasonable, but might be criticized for lacking more current references to the work of western scholars. However this would be a petty criticism to make in light of the author's personal circumstances.

From 1979 until just recently, Mark Freidlin struggled under severe restrictions on his academic activity imposed by the Soviet authorities. He is a refusenik, his applications to emigrate having been denied and having brought him into disfavor with the authorities. Both he and his wife were unemployed during this period, barred from participation in academic activities, receiving little of their mail and quite possibly denied access to university library facilities. It is a wonder that he was able to continue to produce timely and high-quality scientific work and of such size and scope as the book being reviewed here. This book represents not only an impressive contribution to the mathematical literature, but a monument to human courage and dignity. In March, 1987 he was finally granted permission to emigrate and will be taking a faculty position in this country.

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Applied nonlinear analysis, by Jean-Pierre Aubin and Ivar Ekeland. John Wiley and Sons, New York, Chichester, Brisbane, Toronto, and Singapore, xi + 518 pp., \$52.50. ISBN 0-471-05998-6

From its very beginnings, two main themes have dominated analysis: the solution of equations and the study of (restricted) minima. They were never far apart, because necessary conditions for a minimum often appear in the form of