The book contains an excellent and extended list of references, but the author has not made an effort to help the reader in finding his way through the list. Comments consisting of one sentence with a reference to fifteen or more papers are not very useful. The sections about applications are too modest, both in presentation and in quantity. These are minor criticisms on an otherwise excellent book, which thanks to the initiative of the AMS is now available to the international mathematical community.

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Conformal geometry and quasiregular mappings, by Matti Vuorinen. Lecture Notes in Mathematics, vol. 1319, Springer-Verlag, Berlin, Heidelberg, New York, 1988, xix + 209 pp., $21.20. ISBN 3-540-19342-1

The theory of *quasiregular mappings* (q.r. mappings) is an extension to the Euclidean space $\mathbf{R}^n$ of the methods of geometric function theory in the complex plane $\mathbf{C}$. Very often properties of holomorphic functions in $\mathbf{C}$, which do not depend on power series developments, can be studied for mappings in $\mathbf{R}^n$. The main theme of this review is to provide examples of these properties and some of its applications. Let us remark that this extension is quite different from the theory of holomorphic functions in $\mathbf{C}^n$, $n \geq 2$. Indeed, a holomorphic function in $\mathbf{C}^n$ which is also quasiregular as a mapping of $\mathbf{R}^{2n}$ must be affine if $n \geq 2$ **[MaR]**.