

Subject Index to Volume 77: Physical Sciences*

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Introduction

The terms in the Subject Index for Volume 77, January–December 1980, of the PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES USA (Physical Sciences) was chosen from titles, key terms, and abstracts of articles. The index terms are alphabetized by computer; numbers, conformational prefixes, hyphens, and spaces between words are disregarded in alphabetization. After each index term is printed the title of the article (or a suitable modification of the title) and the appropriate page number. Titles are listed in alphabetical order under the index terms.

Corrections to papers in which errors occurred are indexed under the term “Correction” as well as under the index terms selected for the paper itself. Organisms are indexed by their scientific names when scientific names were provided in the papers; suitable cross-references are provided.

Because the PROCEEDINGS urges authors to follow the tentative rules and recommendations of the nomenclature commissions (e.g., for chemistry, those proposed by the International Union of Pure and Applied Chemistry), an effort has been made to construct an index that conforms with this policy. However, correction of errors in nomenclature was not attempted and the index should not be looked upon as a reference for correct or recommended usage. Index terms themselves are usually not abbreviated even if specific recommendations have been made by the commissions. (Thus, DNA is indexed as “Deoxyribonucleic acid.”) In general, analogs of compounds are indexed as the parent compound. (Thus, dipalmitoylphosphatidylcholine is indexed as “Phosphatidylcholine, dipalmitoyl-.”)

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