N4 Industrial Electronics July 2013 Exam Paper

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The adverse impacts from excess noise on human health and daily activities have accelerated at an alarming rate over the last few decades. This has prompted significant research into noise attenuation and mitigation of these unwanted effects. This book is a collection of works from eminent researchers from around the world, who address the aforementioned issues. It provides the most up-to-date information on current work being conducted in the field of noise pollution and is of value to a wide range of students, engineers, scientists and industry consultants who wish to further understand current methodologies and emerging concepts.

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In modern, information-centric business environments, Decision Making Support Systems (DMSS) present a critical consideration for any organization serious about maintaining competitive advantage. Advances in information systems, knowledge management technologies, and other decision support systems necessitate a critical understanding of the latest trends and research. Engineering Effective Decision Support Technologies: New Models and Applications presents a collection of the latest research in DMSS and applies those theoretical considerations to best practices in the field. This reference includes empirical case studies and an analysis of new models and perspectives in knowledge management, promoting discussion of DMSS strategies among managers, researchers, and students of information science.

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Includes entries for maps and atlases.

A look at how America has preserved more than 100 million acres of diverse wilderness areas in 44 states, now protected in our National Wilderness Preservation System. Discussion of current visions valuing wilderness and its place in our culture.

Vols. for 1975- include publications cataloged by the Research Libraries of the New York Public Library with additional entries from the Library of Congress MARC tapes.

The use of the computer in translating natural languages ranges from that of a translator's aid for word processing and dictionary lookup to that of a full-fledged translator on its own. However the obstacles to translating by means of the computer are primarily linguistic. To overcome them it is necessary to resolve the ambiguities that pervade a natural language when words and sentences are viewed in isolation. The problem then is to formalize, in the computer, these aspects of natural language understanding. The authors show how, from a linguistic point of view, one may form some idea of what goes on inside a system's black box, given only the input (original text) and the raw output (translated text before post-editing). Many examples of English/French translation are used to illustrate the principles involved.

Organized by such common subject categories as home, health, and work, a colorful, illustrated bilingual dictionary covers more than six thousand words and phrases.

The Frontiers in Materials Editorial Office team are delighted to present the inaugural “Women in Science: Materials” article collection, showcasing the high-quality work of women in science across the breadth of materials science and engineering. All

researchers featured within this collection were individually nominated by the Topic Editors in recognition of their status as leading academics who have great potential to influence the future directions of their respective fields. The work presented here highlights the diversity of research performed across the entire breadth of the materials science and engineering field and presents advances in theory, experimentation, and methodology with applications for solving compelling problems. This Editorial features the corresponding author(s) of each paper published within this important collection, ordered by section alphabetically, highlighting them as the great researchers of the future. The Frontiers in Materials Editorial Office team would like to thank each researcher who contributed their work to this collection. We would also like to personally thank the Topic Editors for their exemplary leadership of this article collection; their strong support and passion for this important, community-driven collection has ensured its success and global impact. Emily Young Journal Development Manager

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