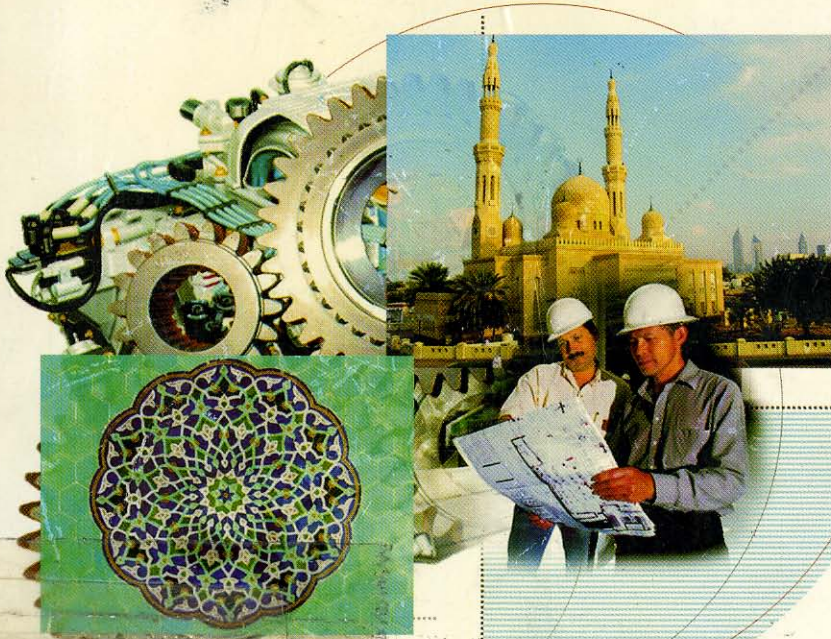


Islamic Engineering Ethics

Foundation Integration
and Practice



Future Text Publications

Editors

Abdi O. Shuriye
Mohamed H. Hassan
Waleed F. Faris

ISLAMIC ENGINEERING ETHICS

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ETHICAL CHALLENGES OF INFORMATION TECHNOLOGY: AN ISLAMIC PERSPECTIVE

Othman O. Khalifa and Waleed F. Faris

INTRODUCTION

Information Technology (IT) is penetrating every walk of life now and this has raised many ethical issues for today's IT professional. The aim of this paper is to raise and examine moral issues as they emerge particularly in the context of the new communications and computer technology, understand various professional relationships and associated key ethical issues, discuss how codes of ethics, professional organizations, certifications and licensing affect the ethical behavior of IT professionals, identify the key tenets of different codes of ethics that provide guidance for IT professionals and the common ethical issues that face IT users, and discuss approaches for supporting the ethical practices of IT users.

The title of this paper includes several words that it would be a good to start by defining them before going into the details. The first of these key words is "ethics", according to Macmillan English Dictionary Ethics are a set of principals that people use to decide what is right or what is wrong. Another definition from the same dictionary of Ethic is a general principal or belief that affects the way people behave.

The second keyword is "Information technology". The dictionary definition for Information Technology or IT is that it is the study or use of computers and electronic systems for storing, editing, transmitting and using information.

The last keyword is "Islam' which refers to the ethical and legal principals that are revealed from God to Prophet Mohammed