

3	MODELING OF NITRATE CONTAMINATION IN UNSATURATED ZONE OF TEHRAN AQUIFER: COMBINATION OF LUMP PARAMETER AND MASS BALANCE METHODS \ V. Joekar-Niasar, B. Ataie-Aashtiani
13	APPLICATION OF DAMAGE INDEXES IN NONLINEAR ANALYSIS OF STEEL FRAMES BY ENDURANCE TIME METHOD \ H. Estekanchi, E. Kiyanfar, A. Vafai
23	THE EARTH PRESSURE AT REST UNDER CYCLIC SURCHARGES S.M. Mir Mohammad Hosseini, A. Amini
31	DELAY FUNCTION FOR SIGNALIZED INTERSECTIONS H. Zokaei Aashtiani, E. Mazlomi
37	A TWO-DIMENSIONAL CURVILINEAR MODEL OF POLLUTANT DISPERSION IN RIVERS \ M.M. Jamali
45	OBJECTIVE ANALYSIS OF STRAIN LOCALIZATION PHENOMENON H. Shobeiri, A. Fahimifar, A. Amirshahkarami
55	CLASSIFICATION OF INDUSTRIAL SOLID WASTES AND ITS IMPORTANCE IN RECYCLING AND DETERMINATION OF LANDFILL TYPE A. Pak, M. Tajrishi, H. Taheri Shahrainee
67	CORRECTION OF EQUIVALENT MEDIA PROPOSED BY SITHARAM AND VERIFICATION OF THE MODIFIED CRITERION \ A.H. Ghazvinian, M. Bagheri
77	A NEW MODEL FOR ESTIMATING OF THE SOIL-WATER CHARACTERISTIC CURVE IN COHESIVE SOILS \ Y. Pashang Pishe, S. M. Mir Mohammad Hosseini, N. Gangiyan
85	A REVIEW OF RESEARCH PAPERS OF CIVIL ENGINEERING (2004-2005)
91	BOOK REVIEW
100	ABSTRACTS OF PAPERS IN ENGLISH

**“SHARIF” JOURNAL OF SCIENCE AND TECHNOLOGY**  
EDITOR-IN-CHIEF: ABOULHASSAN VAFAI

This Journal is published under the auspices of Sharif University of technology, Office of the Vice-Chancellor-In-Charge of Research.

The Journal is published quarterly in Farsi language, aims at establishing a relationship between scientists active in different branches of science and technology and, in particular, at providing a forum for exchange of knowledge between scientists and technologists related to scientific problems prevailing in contemporary society. The journal also strives to present practical and theoretical analyses of these issues and facilitates the circulation of modern scientific findings by scientists and researchers for practical application. In addition, “Sharif” publishes papers focusing on issues of specific concern to universities, including research, technological advancements, and topics related to matters of higher education.

P.O.BOX 11365-8639 AZADI AVENUE, TEHRAN, I.R. IRAN  
Phone: (98-21) 66005419 - 66164093  
Fax: (98-21) 66012983  
E-mail: pajouhesh@sharif.edu