



## Contents

No.	Title	Page
١	Heat transfer performance of a gasketed plate heat exchanger subjected to mechanical vibration	1
٢	Theoretical study of thermoelectric cooling system performance	10
٣	CFD study of using different heat sinks for electronic equipments cooling	20
٤	A new solar desalination system design and heat recovery	29
٥	Statistical verification of 2D-to-3D conversion of size and number density of particles	37
٦	Performance enhancement of double tube heat exchanger using coiled fins	41
٧	Bio-H <sub>2</sub> conversion of wastewater via hybrid dark/photo fermentation reactor	50
٨	Investigation of operational conditions for the removal of methylene blue by Fenton Reaction	55
٩	Structural, Magnetic and Electrical Properties of Co-Doped Barium Monoferrite BaFe <sub>2</sub> O <sub>4</sub>	59
١٠	تقييم تأثير وسائل الاعلام والدعاية على إدراك المستخدمين للعمارة والعمران "دراسة حالة مشروعات الاسكان في مصر"	67