Basic Information :

Name :	Hasan Eleashy
Title :	Associate Professors

Dr. Hasan El.Eashy works as a Associate Professors in Mechanical Engineering Department, Faculty of Engineering, Future University In Egypt. Main research topics: synthesis of mechanisms, mechanical design.

Education:

Certificate	Major	University	Year
PhD	Department of Mechanical Engineering	Elmansoura University - Faculty of Engineerin	2014
Masters	Mechanical Design	Mansoura - Egypt	2006
Bachelor	Production Engineering	Mansoura - Egypt	2000

Teaching Experience:

Name Of Organization	Position	From Date	To Date
FUE	Associate Professor	18/02/2007	Current
Organization	Radio & T.V Union	01/07/2002	31/01/2007

Researches / Publications :

Parametric optimization of fillet radius for V6-engin crankshaft under static loading
Optimal TID Tracking Control for Industrial Delta Robot Based on Harmony search
Design and Control of Delta Robot
Enhancing Wind Turbine Performance Using Flow Control Techniques: A Mini Review
Design and Control of Delta Robot (mini review)
Minimizing Buoyancy Factor of Metallic Pressure-Hull Subjected to Hydrostatic Pressure
A New Methodology for Type Synthesis of Planar Linkages for Exoskeletons up to Five Angular Outputs
A new atlas for 8-bar kinematic chains with up to 3 prismatic pairs using Joint Sorting Code
A new atlas for 8-bar kinematic chains with up to 3 prismatic pairs using Joint Sorting
Complete Atlas For Mechanically Constrained Double 3R Chains
USING STRUCTURAL CODE TECHNIQUE FOR ENUMERATION OF 6-BAR LINKAGES FROM OPEN 4-BAR CHAIN
Structural Synthesis of Mechanically Constrained Single Loop 6-Bar Chain
Synthesis of One Degree-Of-Freedom 6-Bar Linkages from Three Degree-Of-Freedom Open 4-Bar Chain Using Structural Code Technique
STRUCTURAL SYNTHESIS OF MECHANICALLY CONSTRAINED SINGLE LOOP 6-BAR CHAIN FROM DOUBLE 3R CHAIN
Structural Synthesis of 6 Bar Mechanisms as Mechanically Constrained 3R Chains
Structural Synthesis And Enumeration of Epicyclic Gear Mechanisms
Structural Synthesis and Enumeration of Epicyclic Gear Mechanisms Up To 12-Links Using Acyclic Graph Method
Graphical Code Method as New Technique for Topological Synthesis of Epicyclic Gear Mechanisms
New Approach for Enumeration and Evaluation of n-Links Epicyclic Gear Mechanisms

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Using Acyclic graph Method and elementary Gear Units for Sketching Epicyclic Gear Mechanisms
ASME Turbo-Expo2006 conference,
PEDD7 Ain Shams Engineering conference,
5âth IEC International Engineering Conference, Mansoura University,
Engineering Assiut University Conference
Optimal TID Tracking Control for Industrial Delta Robot Based on Harmony search

Awards:

Award	Donor	Date
NA	NA	01/01/2014

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