



**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 :**

- 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
- Using Acyclic graph Method and elementary Gear Units for Sketching Epicyclic Gear Mechanisms
- ASME Turbo-Expo2006 conference,
- PEDD7 Ain Shams Engineering conference,
- 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