



Expert Engineers



**ROBOT STRUCTURAL**

**A N A L Y S I S**

دورة التحليل الانشائي  
باستخدام برنامج روبوت

- Welcome.
- Define User Interface.
- Preference & Units.
- How to Import Files & Export from another Programs like AutoCAD & Revit.
- Menu Bar.
- Ribbons.
- Drawing all Structural Element.
- How to make a Control on Levels & Grids.
- Display Straining Actions (Axial Force - Shear - Bending Moment - Deformed Shape).
- Treatment with Vertical Forces
- Treatment with Lateral Forces (Wind loads & Seismic Loads).
- Apply V.I & H.Z Loads.
- Design Elements that Resist Lateral Loads.
- How to use Shop Drawings for RC Elements in Robot.
- Calculation Sheet.
- Switch Back for Revit.
- Show Straining actions on Revit by using Robot.
- Change The Sections.
- Use Revit to make Modification on the model.
- Prepare the Model on Revit to Complete the Cycle of Project and Make 4D & 5D ...etc





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