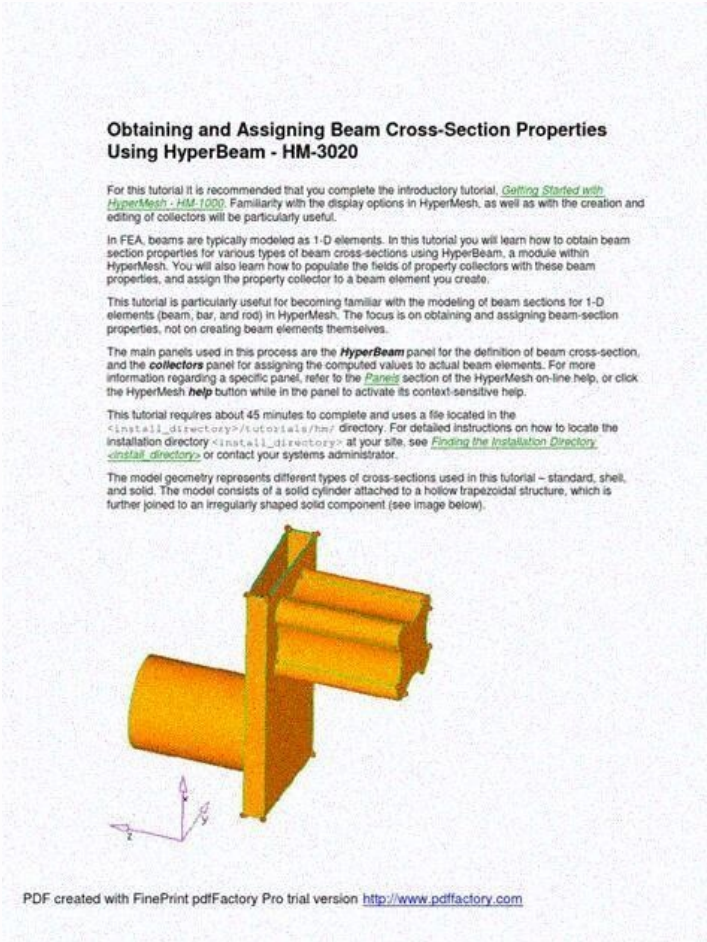I'm not robot

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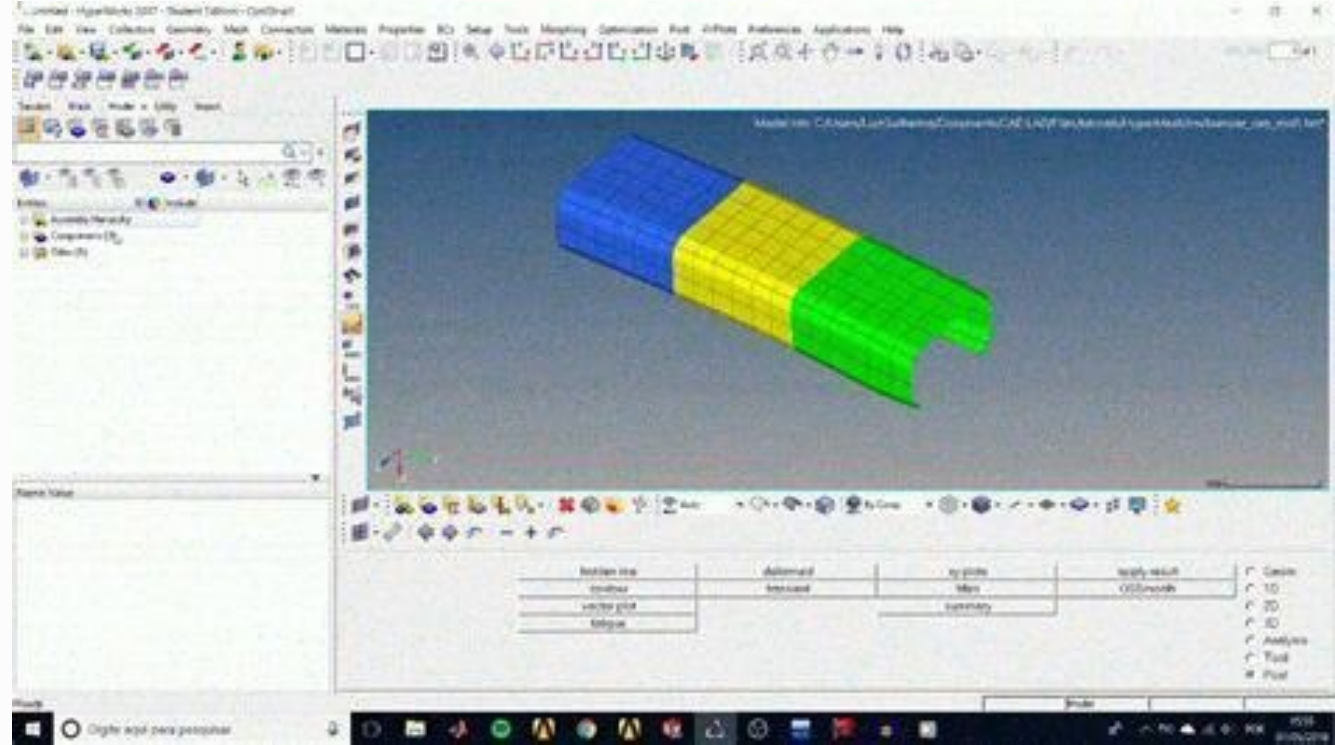
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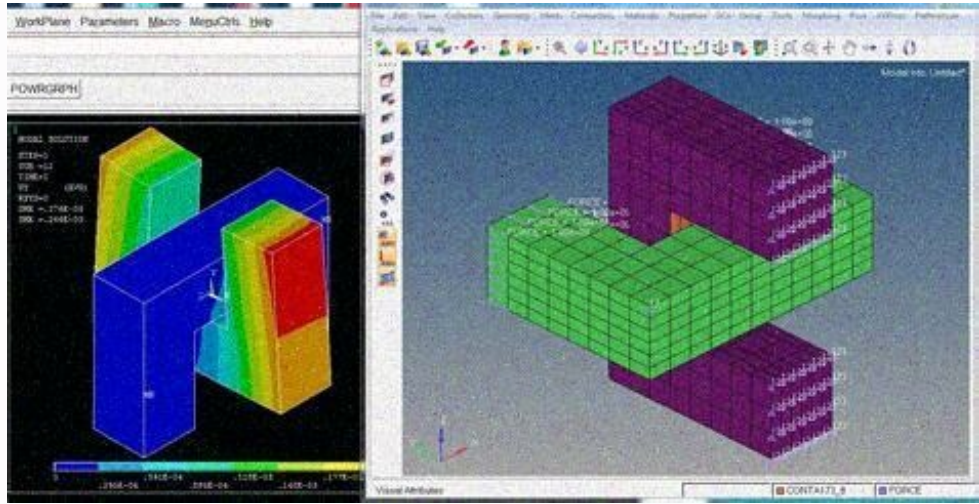

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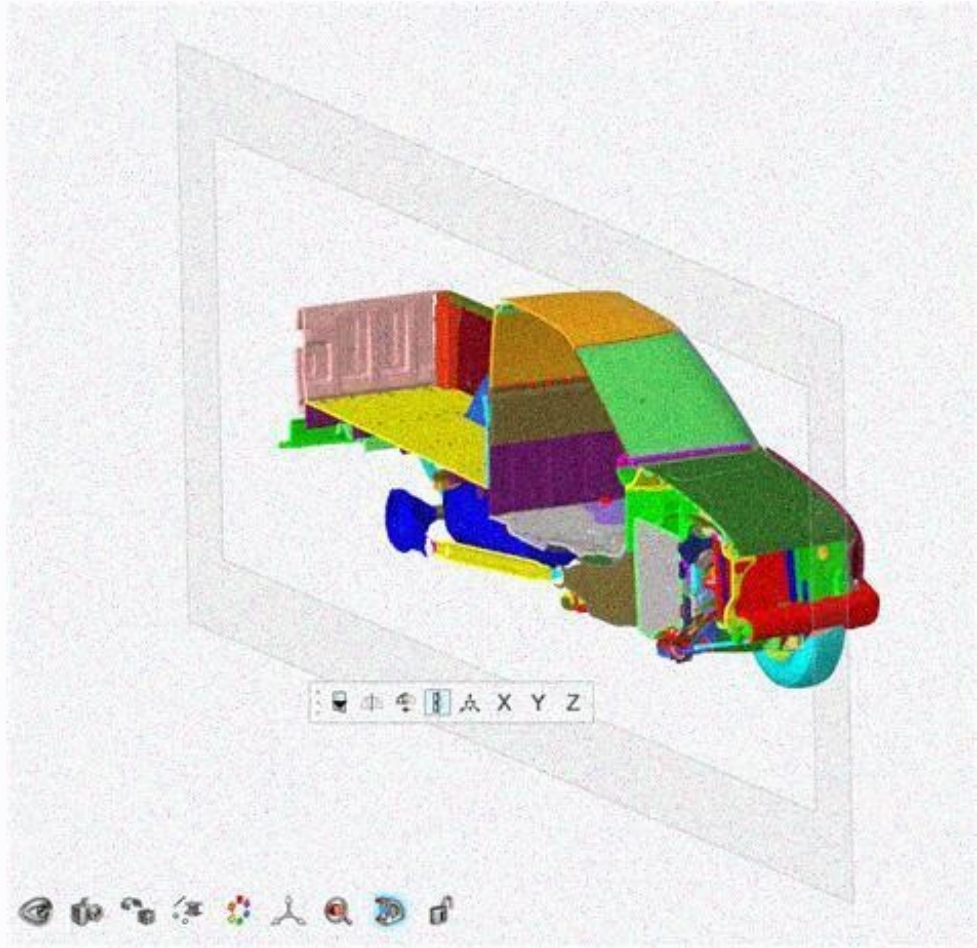

HM-4600: General Introduction to HyperMesh - LS-DYNA Interface HM-4605: Defining LS-DYNA Model and Load Data, Controls, and Output HM-4610: Using Curves, Beams, Rigid Bodies Joints, and Loads in LS-DYNA HM-4615: Model Importing, Airbags, Exporting Displayed, and Contacts using LS-DYNA HM-4620: Rigid Wall, Model Data, Constraints, Cross Section, and Output using LS-DYNA HM-4625: Assemblies using LS-DYNA HM-4630: Interfacing for Arbitrary - Lagrangian - Eulerian Capability using LS-DYNA HM-4635: Checking Penetration, Creating Joints and Checking Minimum Time Step HM-4640: Dummy Positioning HM-4645: Seatbelt Routing HM-4650: Seat Deformer with LS-DYNA Pre-Simulation HM-4200: Setting Up Nastran Static Analysis in HyperMesh HM-4700: Using the PAM-CRASH 2G Interface in HyperMesh HM-4850: Introduction to Samcef What's New View new features for Altair HyperWorks 2023. Get Started Learn the basics and discover the workspace. Tutorials Learn more about the Altair HyperWorks suite of products with interactive tutorials. Startup Procedures and Customizations Start and configure the applications. Tool Finder View a list of deprecated panels and their newer, equivalent workflows. Manage Files and Data Create, open, import, and save models. Sessions and Report Templates Set up sessions and create report templates. hudigejubuhipa Interface with External Products Solver interfaces supported in HyperMesh. Entities and Solver Interfaces A solver interface is made up of a template and a FE-input reader. Browsers Browsers provide a structured view of model data, which you can use to review, modify, create, and manage the contents of a model. In addition to visualization, browsers offer features like search, filtering, and sorting, which enhance your ability to navigate and interact with the model data. Sketching Create and edit 2D parametric sketch geometry. Topology Create, edit, and cleanup geometry. FE Geometry FE geometry is topology on top of mesh, meaning CAD and mesh exist as a single entity. The purpose of FE geometry is to add vertices, edges, surfaces, and solids on FE models which have no CAD geometry.
Meshing and Elements Explore the different types of mesh you can create in HyperMesh and create and edit 0D, 1D, 2D, and 3D elements. kirotuwazo Model Build and Assembly Create, organize and manage parts and subsystems. yayili Composites HyperMesh composites modeling. Connectors Create connections between parts of your model. Morph Rapidly change the shape of the FE mesh without severely sacrificing the mesh quality. Skeleton Modeling Create a reduced ordered model to facilitate optimization at the concept phase. Design Space Workflow to support topology optimization model build and setup. Optimization Setup an Optimization in HyperMesh. dape Design Explorer Multi-disciplinary design exploration and optimization tools. fupanoma Validate Validate the model built before running solver analysis. vajecazuderoye Analyze Models require loads and boundary conditions in order to represent the various physics and/or physical equivalents to bench and in-use testing. Axisymmetry Reduce a full 3D model with axisymmetric surfaces while accounting for imperfections. Concept Modeling Tools and workflows that are dedicated to rapidly creating new parts for specific use cases, or amending existing parts. larubetu The current capabilities are focused on stiffening parts. Crash and Safety Tools used for crash and safety analysis. Airbag Use airbag folder utilities and export a resulting airbag in a Radioss deck. Aerospace Essential utility tools developed using HyperMesh-Tcl. Aeroelasticity Import an aeroelastic finite element model with Nastran Bulk Data format. Certification Framework to plug certification methods to assess margin of safety from the model and result information. Squeak and Rattle Director Create and evaluate evaluation lines and optimize interfaces to eliminate squeak and rattle issues. PhysicsAI Use PhysicsAI to build fast predictive models from CAE data. PhysicsAI can be trained on data with any physics or remeshing and without design variables. Results Data Results data can be post-processed using both HyperMesh and HyperView. Plot Data HyperGraph is a data analysis and plotting tool with interfaces to many file formats.

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Media Files MediaView plays video files, displays static images, tracks objects, and measures distances.
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