Simulation-Structure

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Which contour plot helps confirm permanent deformation of the Can?

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In Durability analysis roles - FGP & FGM, what type of fatigue life calculations are supported? (Choose all that apply)

About cloud security, we should say:

Which of the 3 parts of the rubber bushing need to have defined thermal expansion coeficients?

In the Omax demo, when setting up a connector to be used in place of the piston rod assembly (which is not meshed during the analysis), which formulation is used for the translation of the connector?

The color of the "Convert Status" in the UES Connector should be what, to ensure the geometry has pushed successfully from SOLIDWORKS to the 3DEXPERIENCE Platform?

Which of the following is True about "Experience Content" for Simulation results? (Choose all that apply)

What Options are available in the Performance Trade Off App, to do a side by side comparison of sensor values between multiple simulations? (Choose all that apply)

When using solid section properties to apply materials, a separate solid section property must be created for each part, even if they are the same material.

What is required for a good demo?

In the rubber bushing demo, what is the correct order of steps for the Production Process analysis case?

A customer asks a question during the demo: "Can we simulate the top plate moving back to its original position?". Your response will be: (Choose all that apply)

What are the advantages of using couplings (in general)? (Choose all that apply)

In the rubber bushing demo, what is the purpose of the forming step, which reduces the diameter of the outer ring of the bushing?

Why are different meshing procedures set up for each of the 3 Omax subassemblies?

What key technology differentiators are covered in the HOTD that's not available in SOLIDWORKS Simulation Premium? (Choose all that apply)

Which App is used in creating a New Revision of the Physics Simulation?

Before setting up a Durability Analysis Case, you must first run an another analysis. Which of the following analysis types would work for this pre-requisite analysis before before setting up a Durability Analysis Case?

In the Durability Roles demo kit, local mesh controls are applied around expected stress hot spot areas. Mesh controls can be created from?

When setting up the Omax analysis, which tool is used to find touching faces of parts and bond them?

The behavior of a Kinematic coupling and a Continuum coupling is the same

When using structural simulation apps on the 3DEXPERIENCE Platform, what is the terminology used that is similar to "Study type" in SOLIDWORKS Simulation?

In Performance Trade off App, Ranking of Simulations is based on Requirement settings. Which of the following can you set for a Sensor Requirement?

About steep learning curve / different UI objection, you can say:

A Physics Simulation with Experience Content can be previewed in 3D Play App

In which structures roles is the "restart analysis" feature avaialable? (Choose all that apply)

In the rubber bushing demo, what type of tetrahedral element formulation is used to mesh the rubber?

In the Omax demo, when setting up the harmonic response step, what % of fractional damping is used? As a percentage of critical damping ratio. (Hint - this is also a good rule of thumb to use as a starting point for damping.)

In the Can Crush HOTD, why is it necessary to apply a fixed displacement to the Coupling and constrain its rotational Degrees of Freedom? (Choose all that apply)

What Apps would you use to configure the Demo Dashboard for the Durability Roles demo kit?

The Value Proposition of Simulation roles in 3DEXPERIENCE Works is best described by?

Parametric Design Study is based on what technology from SIMULIA?

What is typically the best approach in demoing simulation?

In the Durability Roles demo kit, a coordinate system created in SOLIDWORKS is used in the remote force definition. Which of the following are correct? (Choose all that apply)

In the Durability Roles demo kit, what sensors are used in the Performance Trade Off App to rank the designs? (Choose all that apply)

What type of "Plasticity" material model is used on the Can geometry?

While demoing from the Durability Roles demo kit,a customer asks you "Is there a way to compare contour plot results from the structural and durability analysis cases side by side in the simulation UI". Your response would be:

What tool is used to setup the Static Analysis and the Durability Analysis cases in the Durability Roles demo kit?

In the Omax demo (or any model), what is a required pre-requisite step before solving a harmonic response step?

Hybrid elements are ideal for simulating which type of materials?

Can Shell thickness rendering be done when you post process a results plot?

In the Can Crush HOTD, Abstraction Shapes allows you to do what? (Choose all that apply)

In Durability Analysis, to convert the Log of Life Plot to actual number of Cycles plot, what was the primary feature used to convert the values?

Which statement is true in making the top plate very stiff for the can crush simulation?

When solving a simulation on the cloud with the Structural Performance Engineer role, how many cores are able to be used out of the box, WITHOUT needing to use credits or tokens?

What type of Coupling is used to enforce the prescribed displacement on the top plate?

What Simulation Roles are used in the Durability Roles demo kit?

In Explicit analysis, what does Mass Scaling do?

A customer asks a question during the demo: "Is there is a direct way to know how much energy is absorbed by the can?" Your response will be: (Choose all that apply)