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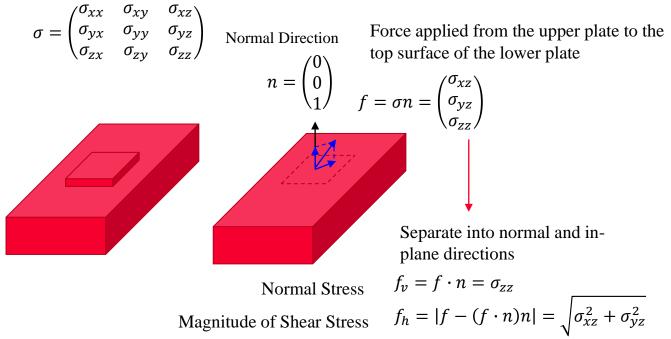
Q: How to calculate the stress that affects peeling on the bonding face between bodies?

A: Refer to the next few slides.

Stress for Peeling

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Stress Tensor



• Force applied from the lower plate to the bottom surface of the upper plate is the same as above in accordance with the law of action and reaction. (They may not match because of numerical errors)

User-Defined Field

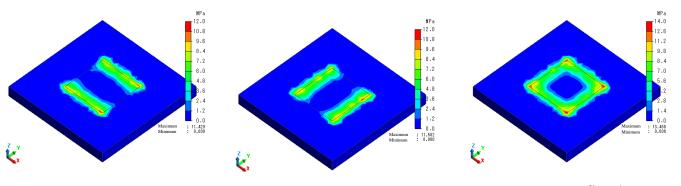
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ser-Defined F		×
	/Z(GELILEO_STRESS)*TEN_YZ(GALILEO_STRESS)*TEN_ZX(GELILEO_STRESS)*TEN_ZX(GALILEO_STRESS))	$f_h = \sqrt{\sigma_{xz}^2 + \sigma_{yz}^2}$
Insert Fie	elds in the Equation	
Field Selection	on	
File Name	Result currently open \sim Add Other Result	5
Solver	Stress Analysis 🗸	
Modes	0: Static Analysis 🗸	
Field	Displacement [m]	
Component	X Component ~	
Phase	~	
Display		
Field Name (Mandatory)	Operation_001 V Delete]
Unit (Not mandate	ory)	

Example of User-Defined Field

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YZ Shear Stress

ZX Shear Stress

User Defined Shear Stress

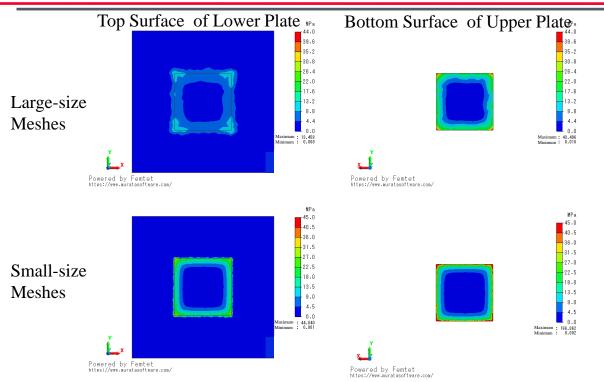
$$f_h = \sqrt{\sigma_{xz}^2 + \sigma_{yz}^2}$$

Note

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* The stresses on the top surface of the lower plate and the bottom surface of the top plate do not match because of numerical errors.

(Smaller-size meshes will improve the matching.)

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