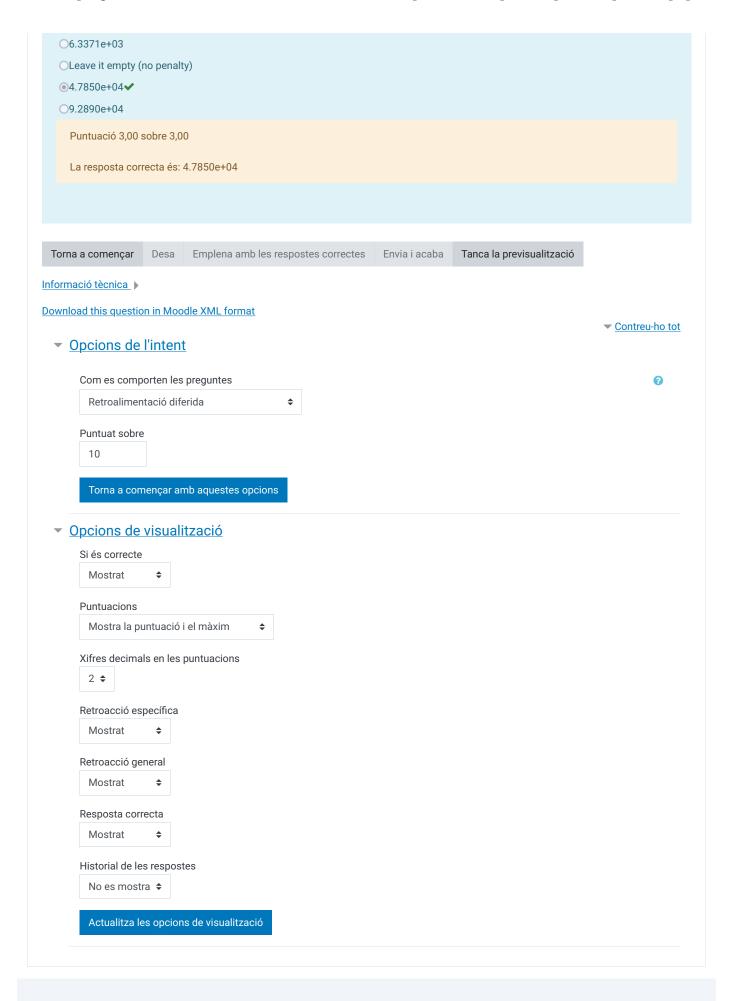
Previsualitza la	pregunta: 1
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orrecte	
untuació 10,00 sobre 10,00	
elastic material with section area. The domain is fixed i	nain meshed according to data in <b>AirFoilmesh01.m</b> . Assume it represents a section of a 3D domain made of an Young Modulus $E=9\cdot 10^8 N/m^2$ . and Poisson ratio $v=0.52$ . Here, the thickness is very large compared to the in the all airfoil shaped hole boundary and it is also fixed in the vertical direction of the top wall. We also apply a $=1075\ N/m$ pressure (force along the boundary) on the bottom boundary in the exterior direction.
Answer the following (a) (2 points) The nu	g questions: mber of nodes in the airfoil shaped hole boundary of the domain.
OLeave it empty (no	p penalty)
O193	
<b>O</b> 196	
<b>200</b>	
<b>⊚</b> 212 <b>✓</b>	
Puntuació 2,00 so	obre 2,00
La resposta corre	cta és: 212
	e x-component of the nodes in this boundary is 5.533903e+00 eximum of the absolute value of the vertical displacement of the nodes o penalty)
(b) (3 points) The ma	aximum of the absolute value of the vertical displacement of the nodes
(b) (3 points) The ma ○Leave it empty (no ○4.0433e-04 ○1.7030e-05 ○2.5793e-05✓	aximum of the absolute value of the vertical displacement of the nodes o penalty)
(b) (3 points) The ma ○Leave it empty (no ○4.0433e-04 ○1.7030e-05 ○2.5793e-05  ○2.4771e-04 Puntuació 3,00 so	aximum of the absolute value of the vertical displacement of the nodes o penalty)
(b) (3 points) The maximum (b) (3 points) The maximum (c) (1.7030e-04	eximum of the absolute value of the vertical displacement of the nodes of penalty)  The penalty of the absolute value of the horizontal displacement of the nodes is 3.9682e-05  The absolute value of the horizontal displacement of the nodes is 3.9682e-05  The element in which it reaches the maximum of the displacement (defined as the sum of the norm 2 of the
(b) (3 points) The maximum of (c) (2 points) Give the displacements of its otherwise (b) (1.7030e-05 of (2.4771e-04 of (2.477	eximum of the absolute value of the vertical displacement of the nodes of penalty)  The penalty of the absolute value of the horizontal displacement of the nodes is 3.9682e-05  The absolute value of the horizontal displacement of the nodes is 3.9682e-05  The element in which it reaches the maximum of the displacement (defined as the sum of the norm 2 of the
(b) (3 points) The ma ○Leave it empty (no ○4.0433e-04 ○1.7030e-05 ○2.5793e-05 ✓ ○2.4771e-04 Puntuació 3,00 so La resposta corre Hint: The maximum (c) (2 points) Give the displacements of its	eximum of the absolute value of the vertical displacement of the nodes of penalty)  The penalty of the absolute value of the horizontal displacement of the nodes is 3.9682e-05  The absolute value of the horizontal displacement of the nodes is 3.9682e-05  The element in which it reaches the maximum of the displacement (defined as the sum of the norm 2 of the
(b) (3 points) The maximum of the m	eximum of the absolute value of the vertical displacement of the nodes of penalty)  The penalty of the absolute value of the horizontal displacement of the nodes is 3.9682e-05  The absolute value of the horizontal displacement of the nodes is 3.9682e-05  The element in which it reaches the maximum of the displacement (defined as the sum of the norm 2 of the
(b) (3 points) The max OLeave it empty (not) 4.0433e-04 1.7030e-05  ②2.5793e-05  ②2.4771e-04  Puntuació 3,00 so La resposta corre  Hint: The maximum (c) (2 points) Give the displacements of its  ③71  ③321  ①13  ①143	eximum of the absolute value of the vertical displacement of the nodes of penalty)  The penalty of the absolute value of the horizontal displacement of the nodes is 3.9682e-05  The element in which it reaches the maximum of the displacement (defined as the sum of the norm 2 of the nodes).
(b) (3 points) The max OLeave it empty (not) 4.0433e-04 1.7030e-05  ②2.5793e-05  ②2.4771e-04  Puntuació 3,00 so La resposta corre  Hint: The maximum (c) (2 points) Give the displacements of its  ③71  ③321  ①13  ○143  ○Leave it empty (not)	eximum of the absolute value of the vertical displacement of the nodes of penalty)  Sobre 3,00  Cota és: 2.5793e-05  Of the absolute value of the horizontal displacement of the nodes is 3.9682e-05  e element in which it reaches the maximum of the displacement (defined as the sum of the norm 2 of the nodes).
(b) (3 points) The max OLeave it empty (not) 4.0433e-04 1.7030e-05  ②2.5793e-05  ②2.4771e-04  Puntuació 3,00 so La resposta corre  Hint: The maximum (c) (2 points) Give the displacements of its  ③71  ③321  ①13  ①143	eximum of the absolute value of the vertical displacement of the nodes of penalty)  Sobre 3,00  Cota és: 2.5793e-05  Of the absolute value of the horizontal displacement of the nodes is 3.9682e-05  e element in which it reaches the maximum of the displacement (defined as the sum of the norm 2 of the nodes).
(b) (3 points) The max OLeave it empty (not) 4.0433e-04 1.7030e-05  ②2.5793e-05  ②2.4771e-04  Puntuació 3,00 so La resposta corre  Hint: The maximum (c) (2 points) Give the displacements of its  ③71  ③321  ①13  ○143  ○Leave it empty (not)	eximum of the absolute value of the vertical displacement of the nodes of penalty)  Abbre 3,00  Cota és: 2.5793e-05  Of the absolute value of the horizontal displacement of the nodes is 3.9682e-05  e element in which it reaches the maximum of the displacement (defined as the sum of the norm 2 of the nodes).
(b) (3 points) The max OLeave it empty (not) 4.0433e-04 1.7030e-05  ②2.5793e-05  ②2.4771e-04  Puntuació 3,00 so La resposta corre  Hint: The maximum (c) (2 points) Give th displacements of its  ③71  ③321  ①13  ①143  ○Leave it empty (not) Puntuació 2,00 so La resposta corre	eximum of the absolute value of the vertical displacement of the nodes of penalty)  Abbre 3,00  Cota és: 2.5793e-05  Of the absolute value of the horizontal displacement of the nodes is 3.9682e-05  e element in which it reaches the maximum of the displacement (defined as the sum of the norm 2 of the nodes).

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Previsualitza la pregunta: 1



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