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## Introduction to Finite Volume Methods II - - Unit...

Incompressible Flows-I	4) Maximum allowable size of time step in non-uniform or variable time stepping method is ce De governed by	1 point
<ul> <li>Fluid Flow</li> <li>Computation:</li> </ul>	Depends on spatial discretization methods	
Incompressible Flows-II	Depends on temporal discretization methods	
Fluid Flow	Depends on both spatial and temporal discretization	
Computation: Incompressible Flows-III	None of the above	R
	No, the answer is incorrect. Score: 0	
Fluid Flow Computation:	Accepted Answers:	
Incompressible Flows-IV	Depends on both spatial and temporal discretization	5
C Fluid Flow	5) Which is true for explicit over-relaxation method	1 point
Computation: Incompressible	It is sometimes used to accelerate convergence	2
Flows-V	It usually increases the stability of the solution	믔
Quiz : Assignment 7	Both of the above	
Feedback For	None of the above	
Week 7	No, the answer is incorrect.	
Solution for	Score: 0	
Assignment 7	Accepted Answers:	
week 8 - Fluid Flow	It is sometimes used to accelerate convergence 6) Which is true for explicit under-relaxation method	1 point
Computation and Some		
Advanced Topics	It is sometimes used to accelerate convergence	
	It usually increases the stability of the solution	
	Both of the above	
	None of the above	
	No, the answer is incorrect. Score: 0	
	Accepted Answers:	
	It usually increases the stability of the solution	
	7) Which is true for implicit under-relaxation method	1 point
	The relaxation factor does not modify the diagonal	
	$\bigcirc$ The relaxation factor modifies the right hand side of the linear system of equations	
	The relaxation factor modifies the equation mathematically	
	All of the above	
	No, the answer is incorrect. Score: 0	
	<b>Accepted Answers:</b> The relaxation factor modifies the right hand side of the linear system of equations	
	8) Which of this is true for E-Factor relaxation	1 point
	The characteristic time interval is related to the time required to diffuse and convect a char of $\phi_c$ across the element	nge
	The E-Factor is equivalent to an Element CFL number	
	<ul> <li>The solution in a smaller element advances more slowly than in a coarser element</li> </ul>	

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All of the above	
No, the answer is incorrect. Score: 0	
Accepted Answers: All of the above	
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