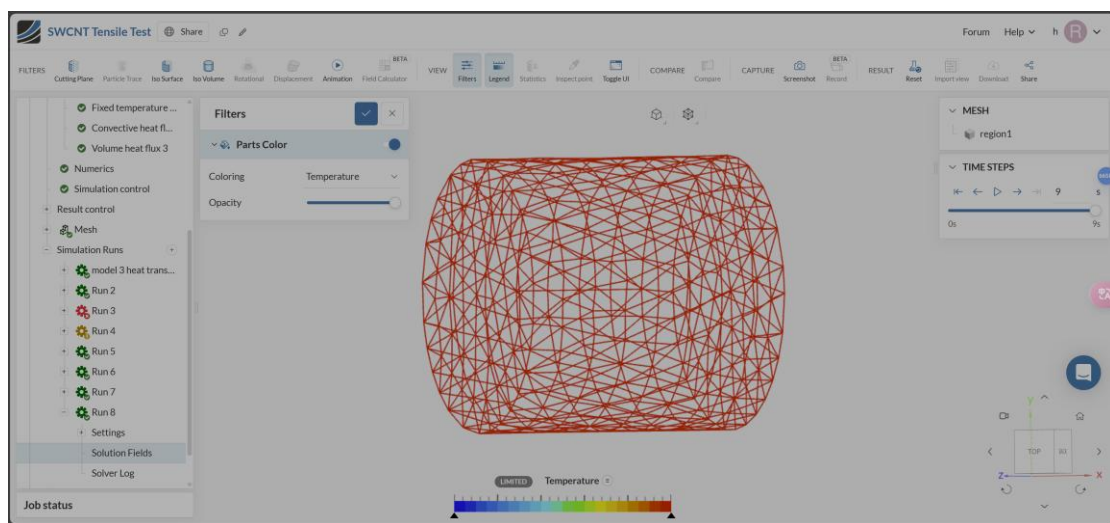
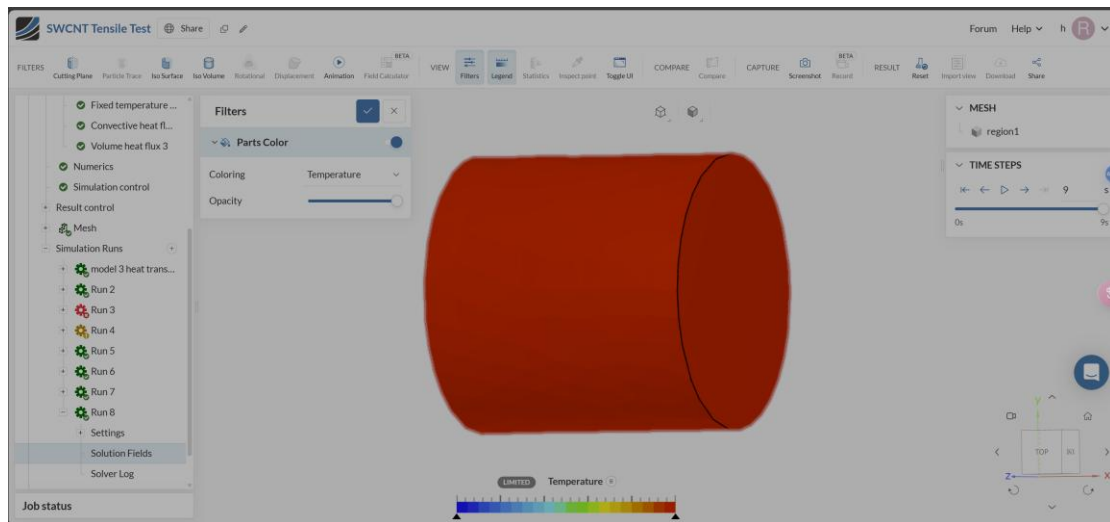


Mesh quality (above)



Solver solution field (above)

Grid logs

SimScale incorporates Simulation Modeling Suite(TM) software by Simmetrix Inc. ©
1997-2025. All Rights Reserved.

Model import took 380.359379ms.

Maximum precision of model and its entities: 1e-08 m.

Absolute small feature tolerance: 0.009950000000000007 m.

Surface meshing took 50.352364ms.

Number of cells after 76.511882ms: 1623

Number of cells after 101.77212ms: 3977

Number of cells after 126.948627ms: 4005

Meshing took 127.243577ms. Starting mesh export.

Mesh quality metrics:

Non Orthogonality

Acceptable range: 0.0 to 88.0

min: 0.0

max: 55.3

average: 25.6

99.99-th percentile: 55.3

Edge Ratio

Acceptable range: 0.0 to 100.0

min: 1.1

max: 2.6

average: 1.7

99.99-th percentile: 2.6

Volume Ratio

Acceptable range: 0.0 to 100.0

min: 1.0

max: 3.4

average: 1.4

99.99-th percentile: 3.4

Aspect Ratio

Acceptable range: 0.0 to 100.0

min: 6.3

max: 13.3

average: 10.1

99.99-th percentile: 13.3

Tetrahedral Aspect Ratio

Acceptable range: 0.0 to 100.0

min: 6.3

max: 13.3

average: 10.1

99.99-th percentile: 13.3

Skewness

Acceptable range: 0.0 to 100.0

min: 0.1

max: 0.8

average: 0.4

99.99-th percentile: 0.8

Min Edge Length : 0

Mesh export took 777.970928ms.

Solver logs

Filing of the fields

Field stored TEMP at time 8.795000000001e+00 for the sequence number 8795

Field stored COMPORTHER at time 8.795000000001e+00 for the sequence number 8795

Time CPU spent in this time step: 0.070 s

[97%] Instant calculé : 8.79600e+00, dernier instant archivé : 8.79600e+00, au numéro d'ordre :

8796

Time of computation: 8.796000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.			OPTION					
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT			ASSEMBLAGE					
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.90944E-16		7.15256E-07			
OUI								

Filing of the fields

Field stored TEMP at time 8.796000000001e+00 for the sequence number 8796

Field stored COMPORTHER at time 8.796000000001e+00 for the sequence number

8796

Time CPU spent in this time step: 0.070 s

[97%] Instant calculé : 8.79700e+00, dernier instant archivé : 8.79700e+00, au numéro d'ordre :

8797

Time of computation: 8.797000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.92940E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.797000000001e+00 for the sequence number 8797

Field stored COMPORTHER at time 8.797000000001e+00 for the sequence number 8797

Time CPU spent in this time step: 0.070 s

[97%] Instant calculé : 8.79800e+00, dernier instant archivé : 8.79800e+00, au numéro d'ordre :

8798

Time of computation: 8.798000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		3.10342E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.798000000001e+00 for the sequence number 8798

Field stored COMPORTHER at time 8.798000000001e+00 for the sequence number 8798

Time CPU spent in this time step: 0.070 s

[97%] Instant calculé : 8.79900e+00, dernier instant archivé : 8.79900e+00, au numéro d'ordre :

8799

Time of computation: 8.799000000001e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	2.99612E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.799000000001e+00 for the sequence number 8799

Field stored COMPORTHER at time 8.799000000001e+00 for the sequence number 8799

Time CPU spent in this time step: 0.070 s

[97%] Instant calculé : 8.80000e+00, dernier instant archivé : 8.80000e+00, au numéro d'ordre :

8800

Time of computation: 8.800000000001e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

| 1 | 3.06925E-16 | 1.66893E-06 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.800000000001e+00 for the sequence number 8800

Field stored COMPORTHER at time 8.800000000001e+00 for the sequence number 8800

Time CPU spent in this time step: 0.070 s

[97%] Instant calculé : 8.80100e+00, dernier instant archivé : 8.80100e+00, au numéro d'ordre :

8801

Time of computation: 8.801000000001e+00 - Level of cutting: 1

| NEWTON | RESIDU | RESIDU | RECH. LINE. |
RECH. LINE. | OPTION |
| ITERATION | RELATIF | ABSOLU | NB. ITER |
COEFFICIENT | ASSEMBLAGE |
| | RESI_GLOB_RELA | RESI_GLOB_MAXI |
RHO |

| 1 | 2.94542E-16 | 9.53674E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.801000000001e+00 for the sequence number 8801

Field stored COMPORTHER at time 8.801000000001e+00 for the sequence number 8801

Time CPU spent in this time step: 0.070 s

[97%] Instant calculé : 8.80200e+00, dernier instant archivé : 8.80200e+00, au numéro d'ordre :

8802

Time of computation: 8.802000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.92294E-16		5.96046E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.802000000001e+00 for the sequence number 8802

Field stored COMPORTHER at time 8.802000000001e+00 for the sequence number 8802

Time CPU spent in this time step: 0.070 s

[97%] Instant calculé : 8.80300e+00, dernier instant archivé : 8.80300e+00, au numéro d'ordre :

8803

Time of computation: 8.803000000001e+00 - Level of cutting: 1

NEWTON		RESIDU	RESIDU	RECH. LINE.	
RECH. LINE.		OPTION			
ITERATION		RELATIF	ABSOLU	NB. ITER	
COEFFICIENT		ASSEMBLAGE			
		RESI_GLOB_RELA	RESI_GLOB_MAXI		
RHO					
1		2.98819E-16	7.15256E-07		
OUI					

Filing of the fields

Field stored TEMP at time 8.803000000001e+00 for the sequence number 8803

Field stored COMPORTHER at time 8.803000000001e+00 for the sequence number 8803

Time CPU spent in this time step: 0.070 s

[97%] Instant calculé : 8.80400e+00, dernier instant archivé : 8.80400e+00, au numéro d'ordre :

8804

Time of computation: 8.804000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_REL		RESI_GLOB_MAXI			
RHO								

	1		2.96812E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.804000000001e+00 for the sequence number 8804

Field stored COMPORTHER at time 8.804000000001e+00 for the sequence number 8804

Time CPU spent in this time step: 0.070 s

[97%] Instant calculé : 8.80500e+00, dernier instant archivé : 8.80500e+00, au numéro d'ordre :

8805

Time of computation: 8.805000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	2.88486E-16	5.96046E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.805000000001e+00 for the sequence number 8805

Field stored COMPORTHER at time 8.805000000001e+00 for the sequence number 8805

Time CPU spent in this time step: 0.070 s

[97%] Instant calculé : 8.80600e+00, dernier instant archivé : 8.80600e+00, au numéro d'ordre :

8806

Time of computation: 8.806000000001e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

	1		3.05719E-16		1.43051E-06			
	OUI							

Filing of the fields

Field stored TEMP at time 8.806000000001e+00 for the sequence number 8806

Field stored COMPORTHER at time 8.806000000001e+00 for the sequence number 8806

Time CPU spent in this time step: 0.070 s

[97%] Instant calculé : 8.80700e+00, dernier instant archivé : 8.80700e+00, au numéro d'ordre :

8807

Time of computation: 8.807000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
	RECH. LINE.		OPTION					

	ITERATION		RELATIF		ABSOLU		NB. ITER	
	COEFFICIENT		ASSEMBLAGE					

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
	RHO							

	1		2.91573E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.807000000001e+00 for the sequence number 8807

Field stored COMPORTHER at time 8.807000000001e+00 for the sequence number 8807

Time CPU spent in this time step: 0.070 s

[97%] Instant calculé : 8.80800e+00, dernier instant archivé : 8.80800e+00, au numéro d'ordre :

8808

Time of computation: 8.808000000001e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	3.14534E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.808000000001e+00 for the sequence number 8808

Field stored COMPORTHER at time 8.808000000001e+00 for the sequence number 8808

Time CPU spent in this time step: 0.070 s

[97%] Instant calculé : 8.80900e+00, dernier instant archivé : 8.80900e+00, au numéro

d'ordre :

8809

Time of computation: 8.809000000001e+00 - Level of cutting: 1

NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION					
ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					
		RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO							

1		3.05373E-16		1.19209E-06			
OUI							

Filing of the fields

Field stored TEMP at time 8.809000000001e+00 for the sequence number 8809

Field stored COMPORTHER at time 8.809000000001e+00 for the sequence number 8809

Time CPU spent in this time step: 0.070 s

[97%] Instant calculé : 8.81000e+00, dernier instant archivé : 8.81000e+00, au numéro d'ordre :

8810

Time of computation: 8.810000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.					
RECH. LINE.		OPTION										
	ITERATION		RELATIF		ABSOLU		NB. ITER					
COEFFICIENT		ASSEMBLAGE										
				RESI_GLOB_RELA		RESI_GLOB_MAXI						
RHO												

	1		3.11896E-16		9.53674E-07							
	OUI											

Filing of the fields

Field stored TEMP at time 8.810000000001e+00 for the sequence number 8810

Field stored COMPORTHER at time 8.810000000001e+00 for the sequence number 8810

Time CPU spent in this time step: 0.070 s

[97%] Instant calculé : 8.81100e+00, dernier instant archivé : 8.81100e+00, au numéro d'ordre :

8811

Time of computation: 8.811000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

	RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO		

1	3.30492E-16	1.43051E-06	
OUI			

Filing of the fields

Field stored TEMP at time 8.811000000001e+00 for the sequence number 8811

Field stored COMPORTHER at time 8.811000000001e+00 for the sequence number 8811

Time CPU spent in this time step: 0.070 s

[97%] Instant calculé : 8.81200e+00, dernier instant archivé : 8.81200e+00, au numéro d'ordre :

8812

Time of computation: 8.812000000001e+00 - Level of cutting: 1

NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION					

ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					

	RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO		

1	2.96437E-16	8.34465E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.812000000001e+00 for the sequence number 8812

Field stored COMPORTHER at time 8.812000000001e+00 for the sequence number 8812

Time CPU spent in this time step: 0.070 s

[97%] Instant calculé : 8.81300e+00, dernier instant archivé : 8.81300e+00, au numéro d'ordre :

8813

Time of computation: 8.813000000001e+00 - Level of cutting: 1

| NEWTON | RESIDU | RESIDU | RECH. LINE. |
RECH. LINE. | OPTION |
| ITERATION | RELATIF | ABSOLU | NB. ITER |
COEFFICIENT | ASSEMBLAGE |
| | RESI_GLOB_RELA | RESI_GLOB_MAXI |
RHO | |

| 1 | 3.08216E-16 | 8.34465E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.813000000001e+00 for the sequence number 8813

Field stored COMPORTHER at time 8.813000000001e+00 for the sequence number

8813

Time CPU spent in this time step: 0.070 s

[97%] Instant calculé : 8.81400e+00, dernier instant archivé : 8.81400e+00, au numéro d'ordre :

8814

Time of computation: 8.814000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
	RESI_GLOB_RELA			RESI_GLOB_MAXI				
RHO								

	1		3.10827E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.814000000001e+00 for the sequence number 8814

Field stored COMPORTHER at time 8.814000000001e+00 for the sequence number 8814

Time CPU spent in this time step: 0.070 s

[97%] Instant calculé : 8.81500e+00, dernier instant archivé : 8.81500e+00, au numéro d'ordre :

8815

Time of computation: 8.815000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		3.23887E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.815000000001e+00 for the sequence number 8815

Field stored COMPORTHER at time 8.815000000001e+00 for the sequence number 8815

Time CPU spent in this time step: 0.070 s

[97%] Instant calculé : 8.81600e+00, dernier instant archivé : 8.81600e+00, au numéro d'ordre :

8816

Time of computation: 8.816000000001e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	2.79763E-16	5.96046E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.816000000001e+00 for the sequence number 8816

Field stored COMPORTHER at time 8.816000000001e+00 for the sequence number 8816

Time CPU spent in this time step: 0.070 s

[97%] Instant calculé : 8.81700e+00, dernier instant archivé : 8.81700e+00, au numéro d'ordre :

8817

Time of computation: 8.817000000001e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

| 1 | 2.87911E-16 | 7.15256E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 8.817000000001e+00 for the sequence number 8817

Field stored COMPORTHER at time 8.817000000001e+00 for the sequence number 8817

Time CPU spent in this time step: 0.070 s

[97%] Instant calculé : 8.81800e+00, dernier instant archivé : 8.81800e+00, au numéro d'ordre :

8818

Time of computation: 8.818000000001e+00 - Level of cutting: 1

| NEWTON | RESIDU | RESIDU | RECH. LINE. |
RECH. LINE. | OPTION |
| ITERATION | RELATIF | ABSOLU | NB. ITER |
COEFFICIENT | ASSEMBLAGE |
| | RESI_GLOB_RELA | RESI_GLOB_MAXI | |
RHO | |

| 1 | 2.95578E-16 | 8.34465E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 8.818000000001e+00 for the sequence number 8818

Field stored COMPORTHER at time 8.818000000001e+00 for the sequence number 8818

Time CPU spent in this time step: 0.070 s

[97%] Instant calculé : 8.81900e+00, dernier instant archivé : 8.81900e+00, au numéro d'ordre :

8819

Time of computation: 8.819000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		3.03069E-16		1.19209E-06			
	OUI							

Filing of the fields

Field stored TEMP at time 8.819000000001e+00 for the sequence number 8819

Field stored COMPORTHER at time 8.819000000001e+00 for the sequence number 8819

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.82000e+00, dernier instant archivé : 8.82000e+00, au numéro d'ordre :

8820

Time of computation: 8.820000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.95414E-16		8.34465E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.820000000001e+00 for the sequence number 8820

Field stored COMPORTHER at time 8.820000000001e+00 for the sequence number 8820

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.82100e+00, dernier instant archivé : 8.82100e+00, au numéro d'ordre :

8821

Time of computation: 8.821000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_REL		RESI_GLOB_MAXI			
RHO								

	1		2.89609E-16		5.96046E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.821000000001e+00 for the sequence number 8821

Field stored COMPORTHER at time 8.821000000001e+00 for the sequence number 8821

Time CPU spent in this time step: 0.071 s

[98%] Instant calculé : 8.82200e+00, dernier instant archivé : 8.82200e+00, au numéro d'ordre :

8822

Time of computation: 8.822000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	2.92756E-16	5.96046E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.822000000001e+00 for the sequence number 8822

Field stored COMPORTHER at time 8.822000000001e+00 for the sequence number 8822

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.82300e+00, dernier instant archivé : 8.82300e+00, au numéro d'ordre :

8823

Time of computation: 8.823000000001e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

	1		3.21676E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.823000000001e+00 for the sequence number 8823

Field stored COMPORTHER at time 8.823000000001e+00 for the sequence number 8823

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.82400e+00, dernier instant archivé : 8.82400e+00, au numéro d'ordre :

8824

Time of computation: 8.824000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
	RECH. LINE.		OPTION					

	ITERATION		RELATIF		ABSOLU		NB. ITER	
	COEFFICIENT		ASSEMBLAGE					

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
	RHO							

	1		3.14587E-16		7.15256E-07			
	OUI							

Filing of the fields

[98%] Instant calculé : 8.82600e+00, dernier instant archivé : 8.82600e+00, au numéro

d'ordre :

8826

Time of computation: 8.826000000001e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	2.87840E-16	9.53674E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.826000000001e+00 for the sequence number 8826

Field stored COMPORTHER at time 8.826000000001e+00 for the sequence number 8826

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.82700e+00, dernier instant archivé : 8.82700e+00, au numéro d'ordre :

8827

Time of computation: 8.827000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.					
RECH. LINE.		OPTION										
	ITERATION		RELATIF		ABSOLU		NB. ITER					
COEFFICIENT		ASSEMBLAGE										
				RESI_GLOB_RELA		RESI_GLOB_MAXI						
RHO												

	1		3.03219E-16		7.15256E-07							
	OUI											

Filing of the fields

Field stored TEMP at time 8.827000000001e+00 for the sequence number 8827

Field stored COMPORTHER at time 8.827000000001e+00 for the sequence number 8827

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.82800e+00, dernier instant archivé : 8.82800e+00, au numéro d'ordre :

8828

Time of computation: 8.828000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	3.12706E-16	1.43051E-06	
OUI			

Filing of the fields

Field stored TEMP at time 8.828000000001e+00 for the sequence number 8828

Field stored COMPORTHER at time 8.828000000001e+00 for the sequence number 8828

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.82900e+00, dernier instant archivé : 8.82900e+00, au numéro d'ordre :

8829

Time of computation: 8.829000000001e+00 - Level of cutting: 1

NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION					

ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	2.92958E-16	5.96046E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.829000000001e+00 for the sequence number 8829

Field stored COMPORTHER at time 8.829000000001e+00 for the sequence number 8829

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.83000e+00, dernier instant archivé : 8.83000e+00, au numéro d'ordre :

8830

Time of computation: 8.830000000001e+00 - Level of cutting: 1

| NEWTON | RESIDU | RESIDU | RECH. LINE. |
RECH. LINE. | OPTION |
| ITERATION | RELATIF | ABSOLU | NB. ITER |
COEFFICIENT | ASSEMBLAGE |
| | RESI_GLOB_RELA | RESI_GLOB_MAXI |
RHO | |

| 1 | 3.24069E-16 | 9.53674E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.830000000001e+00 for the sequence number 8830

Field stored COMPORTHER at time 8.830000000001e+00 for the sequence number

8830

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.83100e+00, dernier instant archivé : 8.83100e+00, au numéro d'ordre :

8831

Time of computation: 8.831000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.93348E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.831000000001e+00 for the sequence number 8831

Field stored COMPORTHER at time 8.831000000001e+00 for the sequence number 8831

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.83200e+00, dernier instant archivé : 8.83200e+00, au numéro d'ordre :

8832

Time of computation: 8.832000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		3.05916E-16		8.34465E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.832000000001e+00 for the sequence number 8832

Field stored COMPORTHER at time 8.832000000001e+00 for the sequence number 8832

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.83300e+00, dernier instant archivé : 8.83300e+00, au numéro d'ordre :

8833

Time of computation: 8.833000000001e+00 - Level of cutting: 1

RECH. LINE.	NEWTON	RESIDU	RESIDU	RECH. LINE.
	OPTION			
COEFFICIENT	ITERATION	RELATIF	ABSOLU	NB. ITER
	ASSEMBLAGE			
RHO		RESI_GLOB_RELA	RESI_GLOB_MAXI	
	1	2.93533E-16	7.15256E-07	
	OUI			

Filing of the fields

Field stored TEMP at time 8.833000000001e+00 for the sequence number 8833

Field stored COMPORTHER at time 8.833000000001e+00 for the sequence number 8833

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.83400e+00, dernier instant archivé : 8.83400e+00, au numéro d'ordre :

8834

Time of computation: 8.834000000001e+00 - Level of cutting: 1

RECH. LINE.	NEWTON	RESIDU	RESIDU	RECH. LINE.
	OPTION			
COEFFICIENT	ITERATION	RELATIF	ABSOLU	NB. ITER
	ASSEMBLAGE			
RHO		RESI_GLOB_RELA	RESI_GLOB_MAXI	

| 1 | 3.08143E-16 | 8.34465E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 8.834000000001e+00 for the sequence number 8834

Field stored COMPORTHER at time 8.834000000001e+00 for the sequence number 8834

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.83500e+00, dernier instant archivé : 8.83500e+00, au numéro d'ordre :

8835

Time of computation: 8.835000000001e+00 - Level of cutting: 1

| NEWTON | RESIDU | RESIDU | RECH. LINE. |
RECH. LINE. | OPTION |
| ITERATION | RELATIF | ABSOLU | NB. ITER |
COEFFICIENT | ASSEMBLAGE |
| | RESI_GLOB_RELA | RESI_GLOB_MAXI | |
RHO | |

| 1 | 3.14000E-16 | 8.34465E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 8.835000000001e+00 for the sequence number 8835

Field stored COMPORTHER at time 8.835000000001e+00 for the sequence number 8835

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.83600e+00, dernier instant archivé : 8.83600e+00, au numéro d'ordre :

8836

Time of computation: 8.836000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_REL		RESI_GLOB_MAXI			
RHO								

	1		3.08902E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.836000000001e+00 for the sequence number 8836

Field stored COMPORTHER at time 8.836000000001e+00 for the sequence number 8836

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.83700e+00, dernier instant archivé : 8.83700e+00, au numéro d'ordre :

8837

Time of computation: 8.837000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		3.00358E-16		8.34465E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.837000000001e+00 for the sequence number 8837

Field stored COMPORTHER at time 8.837000000001e+00 for the sequence number 8837

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.83800e+00, dernier instant archivé : 8.83800e+00, au numéro d'ordre :

8838

Time of computation: 8.838000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_REL		RESI_GLOB_MAXI			
RHO								

	1		2.95553E-16		8.34465E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.838000000001e+00 for the sequence number 8838

Field stored COMPORTHER at time 8.838000000001e+00 for the sequence number 8838

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.83900e+00, dernier instant archivé : 8.83900e+00, au numéro d'ordre :

8839

Time of computation: 8.839000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	2.78226E-16	5.96046E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.839000000001e+00 for the sequence number 8839

Field stored COMPORTHER at time 8.839000000001e+00 for the sequence number 8839

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.84000e+00, dernier instant archivé : 8.84000e+00, au numéro d'ordre :

8840

Time of computation: 8.840000000001e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

	1		2.98699E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.840000000001e+00 for the sequence number 8840

Field stored COMPORTHER at time 8.840000000001e+00 for the sequence number 8840

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.84100e+00, dernier instant archivé : 8.84100e+00, au numéro d'ordre :

8841

Time of computation: 8.841000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.88385E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.841000000001e+00 for the sequence number 8841

Field stored COMPORTHER at time 8.841000000001e+00 for the sequence number 8841

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.84200e+00, dernier instant archivé : 8.84200e+00, au numéro d'ordre :

8842

Time of computation: 8.842000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_REL		RESI_GLOB_MAXI			
RHO								

	1		3.08852E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.842000000001e+00 for the sequence number 8842

Field stored COMPORTHER at time 8.842000000001e+00 for the sequence number 8842

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.84300e+00, dernier instant archivé : 8.84300e+00, au numéro

d'ordre :

8843

Time of computation: 8.843000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.99919E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.843000000001e+00 for the sequence number 8843

Field stored COMPORTHER at time 8.843000000001e+00 for the sequence number 8843

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.84400e+00, dernier instant archivé : 8.84400e+00, au numéro d'ordre :

8844

Time of computation: 8.844000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.					
RECH. LINE.		OPTION										
	ITERATION		RELATIF		ABSOLU		NB. ITER					
COEFFICIENT		ASSEMBLAGE										
				RESI_GLOB_RELA		RESI_GLOB_MAXI						
RHO												

	1		2.86673E-16		9.53674E-07							
	OUI											

Filing of the fields

Field stored TEMP at time 8.844000000001e+00 for the sequence number 8844

Field stored COMPORTHER at time 8.844000000001e+00 for the sequence number 8844

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.84500e+00, dernier instant archivé : 8.84500e+00, au numéro d'ordre :

8845

Time of computation: 8.845000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	3.02250E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.845000000001e+00 for the sequence number 8845

Field stored COMPORTHER at time 8.845000000001e+00 for the sequence number 8845

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.84600e+00, dernier instant archivé : 8.84600e+00, au numéro d'ordre :

8846

Time of computation: 8.846000000001e+00 - Level of cutting: 1

NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION					

ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					

	RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO		

1	2.86898E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.846000000001e+00 for the sequence number 8846

Field stored COMPORTHER at time 8.846000000001e+00 for the sequence number 8846

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.84700e+00, dernier instant archivé : 8.84700e+00, au numéro d'ordre :

8847

Time of computation: 8.847000000001e+00 - Level of cutting: 1

| NEWTON | RESIDU | RESIDU | RECH. LINE. |
RECH. LINE. | OPTION |
| ITERATION | RELATIF | ABSOLU | NB. ITER |
COEFFICIENT | ASSEMBLAGE |
| | RESI_GLOB_RELA | RESI_GLOB_MAXI |
RHO | |

| 1 | 2.93204E-16 | 9.53674E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.847000000001e+00 for the sequence number 8847

Field stored COMPORTHER at time 8.847000000001e+00 for the sequence number

8847

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.84800e+00, dernier instant archivé : 8.84800e+00, au numéro d'ordre :

8848

Time of computation: 8.848000000001e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	3.11671E-16	9.53674E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.848000000001e+00 for the sequence number 8848

Field stored COMPORTHER at time 8.848000000001e+00 for the sequence number 8848

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.84900e+00, dernier instant archivé : 8.84900e+00, au numéro d'ordre :

8849

Time of computation: 8.849000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		3.21828E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.849000000001e+00 for the sequence number 8849

Field stored COMPORTHER at time 8.849000000001e+00 for the sequence number 8849

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.85000e+00, dernier instant archivé : 8.85000e+00, au numéro d'ordre :

8850

Time of computation: 8.850000000001e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	2.92763E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.850000000001e+00 for the sequence number 8850

Field stored COMPORTHER at time 8.850000000001e+00 for the sequence number 8850

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.85100e+00, dernier instant archivé : 8.85100e+00, au numéro d'ordre :

8851

Time of computation: 8.851000000001e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

| 1 | 2.93011E-16 | 8.34465E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.851000000001e+00 for the sequence number 8851

Field stored COMPORTHER at time 8.851000000001e+00 for the sequence number 8851

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.85200e+00, dernier instant archivé : 8.85200e+00, au numéro d'ordre :

8852

Time of computation: 8.852000000001e+00 - Level of cutting: 1

| NEWTON | RESIDU | RESIDU | RECH. LINE. |
RECH. LINE. | OPTION |
| ITERATION | RELATIF | ABSOLU | NB. ITER |
COEFFICIENT | ASSEMBLAGE |
| | RESI_GLOB_RELA | RESI_GLOB_MAXI |
RHO |

| 1 | 2.95561E-16 | 5.96046E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.852000000001e+00 for the sequence number 8852

Field stored COMPORTHER at time 8.852000000001e+00 for the sequence number 8852

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.85300e+00, dernier instant archivé : 8.85300e+00, au numéro d'ordre :

8853

Time of computation: 8.853000000001e+00 - Level of cutting: 1

NEWTON		RESIDU	RESIDU	RECH. LINE.	
RECH. LINE.		OPTION			
ITERATION		RELATIF	ABSOLU	NB. ITER	
COEFFICIENT		ASSEMBLAGE			
		RESI_GLOB_REL	RESI_GLOB_MAXI		
RHO					
1		3.05758E-16	8.34465E-07		
OUI					

Filing of the fields

Field stored TEMP at time 8.853000000001e+00 for the sequence number 8853

Field stored COMPORTHER at time 8.853000000001e+00 for the sequence number 8853

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.85400e+00, dernier instant archivé : 8.85400e+00, au numéro d'ordre :

8854

Time of computation: 8.854000000001e+00 - Level of cutting: 1

NEWTON		RESIDU	RESIDU	RECH. LINE.	
RECH. LINE.		OPTION			
ITERATION		RELATIF	ABSOLU	NB. ITER	
COEFFICIENT		ASSEMBLAGE			
		RESI_GLOB_RELA	RESI_GLOB_MAXI		
RHO					
1		3.05961E-16	7.15256E-07		
OUI					

Filing of the fields

Field stored TEMP at time 8.854000000001e+00 for the sequence number 8854

Field stored COMPORTHER at time 8.854000000001e+00 for the sequence number 8854

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.85500e+00, dernier instant archivé : 8.85500e+00, au numéro d'ordre :

8855

Time of computation: 8.855000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_REL		RESI_GLOB_MAXI			
RHO								

	1		2.99080E-16		5.96046E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.855000000001e+00 for the sequence number 8855

Field stored COMPORTHER at time 8.855000000001e+00 for the sequence number 8855

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.85600e+00, dernier instant archivé : 8.85600e+00, au numéro d'ordre :

8856

Time of computation: 8.856000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	3.05108E-16	5.96046E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.856000000001e+00 for the sequence number 8856

Field stored COMPORTHER at time 8.856000000001e+00 for the sequence number 8856

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.85700e+00, dernier instant archivé : 8.85700e+00, au numéro d'ordre :

8857

Time of computation: 8.857000000001e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

	1		3.19042E-16		8.34465E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.857000000001e+00 for the sequence number 8857

Field stored COMPORTHER at time 8.857000000001e+00 for the sequence number 8857

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.85800e+00, dernier instant archivé : 8.85800e+00, au numéro d'ordre :

8858

Time of computation: 8.858000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
	RECH. LINE.		OPTION					

	ITERATION		RELATIF		ABSOLU		NB. ITER	
	COEFFICIENT		ASSEMBLAGE					

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
	RHO							

	1		2.98629E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.858000000001e+00 for the sequence number 8858

Field stored COMPORTHER at time 8.858000000001e+00 for the sequence number 8858

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.85900e+00, dernier instant archivé : 8.85900e+00, au numéro d'ordre :

8859

Time of computation: 8.859000000001e+00 - Level of cutting: 1

NEWTON		RESIDU	RESIDU	RECH. LINE.	
RECH. LINE.		OPTION			
ITERATION		RELATIF	ABSOLU	NB. ITER	
COEFFICIENT		ASSEMBLAGE			
		RESI_GLOB_REL	RESI_GLOB_MAXI		
RHO					
1		2.75094E-16	5.96046E-07		
OUI					

Filing of the fields

Field stored TEMP at time 8.859000000001e+00 for the sequence number 8859

Field stored COMPORTHER at time 8.859000000001e+00 for the sequence number 8859

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.86000e+00, dernier instant archivé : 8.86000e+00, au numéro

d'ordre :

8860

Time of computation: 8.860000000001e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	3.15125E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.860000000001e+00 for the sequence number 8860

Field stored COMPORTHER at time 8.860000000001e+00 for the sequence number 8860

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.86100e+00, dernier instant archivé : 8.86100e+00, au numéro d'ordre :

8861

Time of computation: 8.861000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
				RESI_GLOB_RELA		RESI_GLOB_MAXI		
RHO								

	1		3.08160E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.861000000001e+00 for the sequence number 8861

Field stored COMPORTHER at time 8.861000000001e+00 for the sequence number 8861

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.86200e+00, dernier instant archivé : 8.86200e+00, au numéro d'ordre :

8862

Time of computation: 8.862000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	3.00342E-16	8.34465E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.862000000001e+00 for the sequence number 8862

Field stored COMPORTHER at time 8.862000000001e+00 for the sequence number 8862

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.86300e+00, dernier instant archivé : 8.86300e+00, au numéro d'ordre :

8863

Time of computation: 8.863000000001e+00 - Level of cutting: 1

NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION					

ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					

	RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO		

1	3.02028E-16	5.96046E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.863000000001e+00 for the sequence number 8863

Field stored COMPORTHER at time 8.863000000001e+00 for the sequence number 8863

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.86400e+00, dernier instant archivé : 8.86400e+00, au numéro d'ordre :

8864

Time of computation: 8.864000000001e+00 - Level of cutting: 1

| NEWTON | RESIDU | RESIDU | RECH. LINE. |
RECH. LINE. | OPTION |
| ITERATION | RELATIF | ABSOLU | NB. ITER |
COEFFICIENT | ASSEMBLAGE |
| | RESI_GLOB_RELA | RESI_GLOB_MAXI | |
RHO | |

| 1 | 3.12990E-16 | 9.53674E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 8.864000000001e+00 for the sequence number 8864

Field stored COMPORTHER at time 8.864000000001e+00 for the sequence number

8864

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.86500e+00, dernier instant archivé : 8.86500e+00, au numéro d'ordre :

8865

Time of computation: 8.865000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
	RESI_GLOB_RELA			RESI_GLOB_MAXI				
RHO								

	1		2.95559E-16		8.34465E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.865000000001e+00 for the sequence number 8865

Field stored COMPORTHER at time 8.865000000001e+00 for the sequence number 8865

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.86600e+00, dernier instant archivé : 8.86600e+00, au numéro d'ordre :

8866

Time of computation: 8.866000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.99581E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.866000000001e+00 for the sequence number 8866

Field stored COMPORTHER at time 8.866000000001e+00 for the sequence number 8866

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.86700e+00, dernier instant archivé : 8.86700e+00, au numéro d'ordre :

8867

Time of computation: 8.867000000001e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	2.99377E-16	8.34465E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.867000000001e+00 for the sequence number 8867

Field stored COMPORTHER at time 8.867000000001e+00 for the sequence number 8867

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.86800e+00, dernier instant archivé : 8.86800e+00, au numéro d'ordre :

8868

Time of computation: 8.868000000001e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

| 1 | 3.03091E-16 | 7.15256E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 8.868000000001e+00 for the sequence number 8868

Field stored COMPORTHER at time 8.868000000001e+00 for the sequence number 8868

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.86900e+00, dernier instant archivé : 8.86900e+00, au numéro d'ordre :

8869

Time of computation: 8.869000000001e+00 - Level of cutting: 1

| NEWTON | RESIDU | RESIDU | RECH. LINE. |
RECH. LINE. | OPTION |
| ITERATION | RELATIF | ABSOLU | NB. ITER |
COEFFICIENT | ASSEMBLAGE |
| | RESI_GLOB_RELA | RESI_GLOB_MAXI | |
RHO | |

| 1 | 3.09052E-16 | 7.15256E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 8.869000000001e+00 for the sequence number 8869

Field stored COMPORTHER at time 8.869000000001e+00 for the sequence number 8869

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.87000e+00, dernier instant archivé : 8.87000e+00, au numéro d'ordre :

8870

Time of computation: 8.870000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.89208E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.870000000001e+00 for the sequence number 8870

Field stored COMPORTHER at time 8.870000000001e+00 for the sequence number 8870

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.87100e+00, dernier instant archivé : 8.87100e+00, au numéro d'ordre :

8871

Time of computation: 8.871000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		3.03822E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.871000000001e+00 for the sequence number 8871

Field stored COMPORTHER at time 8.871000000001e+00 for the sequence number 8871

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.87200e+00, dernier instant archivé : 8.87200e+00, au numéro d'ordre :

8872

Time of computation: 8.872000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU
	RESIDU		RESIDU
	RECH. LINE.		RECH. LINE.
	OPTION		
	ITERATION		RELATIF
	RELATIF		ABSOLU
	ABSOLU		NB. ITER
	NB. ITER		
	COEFFICIENT		ASSEMBLAGE
	ASSEMBLAGE		
			RESI_GLOB_REL
	RESI_GLOB_REL		RESI_GLOB_MAXI
	RESI_GLOB_MAXI		
	RHO		

	1		3.18748E-16
	3.18748E-16		1.07288E-06
	1.07288E-06		
	OUI		

Filing of the fields

Field stored TEMP at time 8.872000000001e+00 for the sequence number 8872

Field stored COMPORTHER at time 8.872000000001e+00 for the sequence number 8872

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.87300e+00, dernier instant archivé : 8.87300e+00, au numéro d'ordre :

8873

Time of computation: 8.873000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU
	RESIDU		RESIDU
	RECH. LINE.		RECH. LINE.
	OPTION		

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	3.24584E-16	8.34465E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.873000000001e+00 for the sequence number 8873

Field stored COMPORTHER at time 8.873000000001e+00 for the sequence number 8873

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.87400e+00, dernier instant archivé : 8.87400e+00, au numéro d'ordre :

8874

Time of computation: 8.874000000001e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

	1		3.06190E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.874000000001e+00 for the sequence number 8874

Field stored COMPORTHER at time 8.874000000001e+00 for the sequence number 8874

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.87500e+00, dernier instant archivé : 8.87500e+00, au numéro d'ordre :

8875

Time of computation: 8.875000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
	RECH. LINE.		OPTION					

	ITERATION		RELATIF		ABSOLU		NB. ITER	
	COEFFICIENT		ASSEMBLAGE					

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
	RHO							

	1		2.95747E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.875000000001e+00 for the sequence number 8875

Field stored COMPORTHER at time 8.875000000001e+00 for the sequence number 8875

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.87600e+00, dernier instant archivé : 8.87600e+00, au numéro d'ordre :

8876

Time of computation: 8.876000000001e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_REL	RESI_GLOB_MAXI	
RHO			
1	3.01314E-16	8.34465E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.876000000001e+00 for the sequence number 8876

Field stored COMPORTHER at time 8.876000000001e+00 for the sequence number 8876

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.87700e+00, dernier instant archivé : 8.87700e+00, au numéro

d'ordre :

8877

Time of computation: 8.877000000001e+00 - Level of cutting: 1

NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION					
ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					
		RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO							

1		2.70864E-16		5.96046E-07			
OUI							

Filing of the fields

Field stored TEMP at time 8.877000000001e+00 for the sequence number 8877

Field stored COMPORTHER at time 8.877000000001e+00 for the sequence number 8877

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.87800e+00, dernier instant archivé : 8.87800e+00, au numéro d'ordre :

8878

Time of computation: 8.878000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.83431E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.878000000001e+00 for the sequence number 8878

Field stored COMPORTHER at time 8.878000000001e+00 for the sequence number 8878

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.87900e+00, dernier instant archivé : 8.87900e+00, au numéro d'ordre :

8879

Time of computation: 8.879000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	3.00132E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.879000000001e+00 for the sequence number 8879

Field stored COMPORTHER at time 8.879000000001e+00 for the sequence number 8879

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.88000e+00, dernier instant archivé : 8.88000e+00, au numéro d'ordre :

8880

Time of computation: 8.880000000001e+00 - Level of cutting: 1

NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION					

ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	2.76236E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.880000000001e+00 for the sequence number 8880

Field stored COMPORTHER at time 8.880000000001e+00 for the sequence number 8880

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.88100e+00, dernier instant archivé : 8.88100e+00, au numéro d'ordre :

8881

Time of computation: 8.881000000001e+00 - Level of cutting: 1

| NEWTON | RESIDU | RESIDU | RECH. LINE. |
RECH. LINE. | OPTION |
| ITERATION | RELATIF | ABSOLU | NB. ITER |
COEFFICIENT | ASSEMBLAGE |
| | RESI_GLOB_RELA | RESI_GLOB_MAXI |
RHO | |

| 1 | 3.21983E-16 | 1.07288E-06 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.881000000001e+00 for the sequence number 8881

Field stored COMPORTHER at time 8.881000000001e+00 for the sequence number

8881

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.88200e+00, dernier instant archivé : 8.88200e+00, au numéro d'ordre :

8882

Time of computation: 8.882000000001e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	3.05443E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.882000000001e+00 for the sequence number 8882

Field stored COMPORTHER at time 8.882000000001e+00 for the sequence number 8882

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.88300e+00, dernier instant archivé : 8.88300e+00, au numéro d'ordre :

8883

Time of computation: 8.883000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		3.06480E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.883000000001e+00 for the sequence number 8883

Field stored COMPORTHER at time 8.883000000001e+00 for the sequence number 8883

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.88400e+00, dernier instant archivé : 8.88400e+00, au numéro d'ordre :

8884

Time of computation: 8.884000000001e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	3.06678E-16	1.19209E-06	
OUI			

Filing of the fields

Field stored TEMP at time 8.884000000001e+00 for the sequence number 8884

Field stored COMPORTHER at time 8.884000000001e+00 for the sequence number 8884

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.88500e+00, dernier instant archivé : 8.88500e+00, au numéro d'ordre :

8885

Time of computation: 8.885000000001e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

| 1 | 2.92917E-16 | 8.34465E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 8.885000000001e+00 for the sequence number 8885

Field stored COMPORTHER at time 8.885000000001e+00 for the sequence number 8885

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.88600e+00, dernier instant archivé : 8.88600e+00, au numéro d'ordre :

8886

Time of computation: 8.886000000001e+00 - Level of cutting: 1

| NEWTON | RESIDU | RESIDU | RECH. LINE. |
RECH. LINE. | OPTION |
| ITERATION | RELATIF | ABSOLU | NB. ITER |
COEFFICIENT | ASSEMBLAGE |
| | RESI_GLOB_RELA | RESI_GLOB_MAXI | |
RHO | |

| 1 | 2.90258E-16 | 7.15256E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 8.886000000001e+00 for the sequence number 8886

Field stored COMPORTHER at time 8.886000000001e+00 for the sequence number 8886

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.88700e+00, dernier instant archivé : 8.88700e+00, au numéro d'ordre :

8887

Time of computation: 8.887000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.99797E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.887000000001e+00 for the sequence number 8887

Field stored COMPORTHER at time 8.887000000001e+00 for the sequence number 8887

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.88800e+00, dernier instant archivé : 8.88800e+00, au numéro d'ordre :

8888

Time of computation: 8.888000000001e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	2.94062E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.888000000001e+00 for the sequence number 8888

Field stored COMPORTHER at time 8.888000000001e+00 for the sequence number 8888

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.88900e+00, dernier instant archivé : 8.88900e+00, au numéro d'ordre :

8889

Time of computation: 8.889000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU
	RESIDU		RESIDU
	RECH. LINE.		RECH. LINE.
	OPTION		
	ITERATION		RELATIF
	RELATIF		ABSOLU
	ABSOLU		NB. ITER
	NB. ITER		
	COEFFICIENT		ASSEMBLAGE
	ASSEMBLAGE		
			RESI_GLOB_REL
	RESI_GLOB_REL		RESI_GLOB_MAXI
	RESI_GLOB_MAXI		
	RHO		

	1		2.93235E-16
	2.93235E-16		7.15256E-07
	7.15256E-07		
	OUI		

Filing of the fields

Field stored TEMP at time 8.889000000001e+00 for the sequence number 8889

Field stored COMPORTHER at time 8.889000000001e+00 for the sequence number 8889

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.89000e+00, dernier instant archivé : 8.89000e+00, au numéro d'ordre :

8890

Time of computation: 8.890000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU
	RESIDU		RESIDU
	RECH. LINE.		RECH. LINE.
	OPTION		

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	3.01897E-16	9.53674E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.890000000001e+00 for the sequence number 8890

Field stored COMPORTHER at time 8.890000000001e+00 for the sequence number 8890

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.89100e+00, dernier instant archivé : 8.89100e+00, au numéro d'ordre :

8891

Time of computation: 8.891000000001e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

	1		3.11350E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.891000000001e+00 for the sequence number 8891

Field stored COMPORTHER at time 8.891000000001e+00 for the sequence number 8891

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.89200e+00, dernier instant archivé : 8.89200e+00, au numéro d'ordre :

8892

Time of computation: 8.892000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
	RECH. LINE.		OPTION					

	ITERATION		RELATIF		ABSOLU		NB. ITER	
	COEFFICIENT		ASSEMBLAGE					

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
	RHO							

	1		2.85832E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.892000000001e+00 for the sequence number 8892

Field stored COMPORTHER at time 8.892000000001e+00 for the sequence number 8892

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.89300e+00, dernier instant archivé : 8.89300e+00, au numéro d'ordre :

8893

Time of computation: 8.893000000001e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	2.89909E-16	8.34465E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.893000000001e+00 for the sequence number 8893

Field stored COMPORTHER at time 8.893000000001e+00 for the sequence number 8893

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.89400e+00, dernier instant archivé : 8.89400e+00, au numéro

d'ordre :

8894

Time of computation: 8.894000000001e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	2.98008E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.894000000001e+00 for the sequence number 8894

Field stored COMPORTHER at time 8.894000000001e+00 for the sequence number 8894

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.89500e+00, dernier instant archivé : 8.89500e+00, au numéro d'ordre :

8895

Time of computation: 8.895000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.99564E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.895000000001e+00 for the sequence number 8895

Field stored COMPORTHER at time 8.895000000001e+00 for the sequence number 8895

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.89600e+00, dernier instant archivé : 8.89600e+00, au numéro d'ordre :

8896

Time of computation: 8.896000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	2.91686E-16	9.53674E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.896000000001e+00 for the sequence number 8896

Field stored COMPORTHER at time 8.896000000001e+00 for the sequence number 8896

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.89700e+00, dernier instant archivé : 8.89700e+00, au numéro d'ordre :

8897

Time of computation: 8.897000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
ITERATION		RELATIF		ABSOLU		NB. ITER		
COEFFICIENT		ASSEMBLAGE						
		RESI_GLOB_RELA RESI_GLOB_MAXI						
RHO								

1	3.12421E-16	8.34465E-07						
OUI								

Filing of the fields

Field stored TEMP at time 8.897000000001e+00 for the sequence number 8897

Field stored COMPORTHER at time 8.897000000001e+00 for the sequence number 8897

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.89800e+00, dernier instant archivé : 8.89800e+00, au numéro d'ordre :

8898

Time of computation: 8.898000000001e+00 - Level of cutting: 1

| NEWTON | RESIDU | RESIDU | RECH. LINE. |
RECH. LINE. | OPTION |
| ITERATION | RELATIF | ABSOLU | NB. ITER |
COEFFICIENT | ASSEMBLAGE |
| | RESI_GLOB_RELA | RESI_GLOB_MAXI | |
RHO | |

| 1 | 3.14911E-16 | 1.19209E-06 | |
| OUI |

Filing of the fields

Field stored TEMP at time 8.898000000001e+00 for the sequence number 8898

Field stored COMPORTHER at time 8.898000000001e+00 for the sequence number

8898

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.89900e+00, dernier instant archivé : 8.89900e+00, au numéro d'ordre :

8899

Time of computation: 8.899000000001e+00 - Level of cutting: 1

Time of computation: 8.899000000001e+00 - Level of cutting: 1			

	NEWTON		RESIDU
	RESIDU		RESIDU
	RECH. LINE.		RECH. LINE.
	OPTION		
	ITERATION		RELATIF
	RELATIF		ABSOLU
	COEFFICIENT		NB. ITER
	ASSEMBLAGE		
			RESI_GLOB_RELA
			RESI_GLOB_MAXI
	RHO		

	1		3.08138E-16
			7.15256E-07
	OUI		

Filing of the fields

Field stored TEMP at time 8.899000000001e+00 for the sequence number 8899

Field stored COMPORTHER at time 8.899000000001e+00 for the sequence number 8899

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.90000e+00, dernier instant archivé : 8.90000e+00, au numéro d'ordre :

8900

Time of computation: 8.900000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.78844E-16		1.19209E-06			
	OUI							

Filing of the fields

Field stored TEMP at time 8.900000000001e+00 for the sequence number 8900

Field stored COMPORTHER at time 8.900000000001e+00 for the sequence number 8900

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.90100e+00, dernier instant archivé : 8.90100e+00, au numéro d'ordre :

8901

Time of computation: 8.901000000001e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	3.00697E-16	8.34465E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.901000000001e+00 for the sequence number 8901

Field stored COMPORTHER at time 8.901000000001e+00 for the sequence number 8901

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.90200e+00, dernier instant archivé : 8.90200e+00, au numéro d'ordre :

8902

Time of computation: 8.902000000001e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

| 1 | 3.18375E-16 | 9.53674E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.902000000001e+00 for the sequence number 8902

Field stored COMPORTHER at time 8.902000000001e+00 for the sequence number 8902

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.90300e+00, dernier instant archivé : 8.90300e+00, au numéro d'ordre :

8903

Time of computation: 8.903000000001e+00 - Level of cutting: 1

| NEWTON | RESIDU | RESIDU | RECH. LINE. |
RECH. LINE. | OPTION |
| ITERATION | RELATIF | ABSOLU | NB. ITER |
COEFFICIENT | ASSEMBLAGE |
| | RESI_GLOB_RELA | RESI_GLOB_MAXI |
RHO |

| 1 | 3.21288E-16 | 7.15256E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.903000000001e+00 for the sequence number 8903

Field stored COMPORTHER at time 8.903000000001e+00 for the sequence number 8903

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.90400e+00, dernier instant archivé : 8.90400e+00, au numéro d'ordre :

8904

Time of computation: 8.904000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_REL		RESI_GLOB_MAXI			
RHO								

	1		2.95239E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.904000000001e+00 for the sequence number 8904

Field stored COMPORTHER at time 8.904000000001e+00 for the sequence number 8904

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.90500e+00, dernier instant archivé : 8.90500e+00, au numéro d'ordre :

8905

Time of computation: 8.905000000001e+00 - Level of cutting: 1

NEWTON		RESIDU	RESIDU	RECH. LINE.	
RECH. LINE.		OPTION			
ITERATION		RELATIF	ABSOLU	NB. ITER	
COEFFICIENT		ASSEMBLAGE			
		RESI_GLOB_RELA	RESI_GLOB_MAXI		
RHO					
1		3.01787E-16	7.15256E-07		
OUI					

Filing of the fields

Field stored TEMP at time 8.905000000001e+00 for the sequence number 8905

Field stored COMPORTHER at time 8.905000000001e+00 for the sequence number 8905

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.90600e+00, dernier instant archivé : 8.90600e+00, au numéro d'ordre :

8906

Time of computation: 8.906000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_REL		RESI_GLOB_MAXI			
RHO								

	1		2.97076E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.906000000001e+00 for the sequence number 8906

Field stored COMPORTHER at time 8.906000000001e+00 for the sequence number 8906

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.90700e+00, dernier instant archivé : 8.90700e+00, au numéro d'ordre :

8907

Time of computation: 8.907000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	3.13889E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.907000000001e+00 for the sequence number 8907

Field stored COMPORTHER at time 8.907000000001e+00 for the sequence number 8907

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.90800e+00, dernier instant archivé : 8.90800e+00, au numéro d'ordre :

8908

Time of computation: 8.908000000001e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

	1		3.09315E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.908000000001e+00 for the sequence number 8908

Field stored COMPORTHER at time 8.908000000001e+00 for the sequence number 8908

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.90900e+00, dernier instant archivé : 8.90900e+00, au numéro d'ordre :

8909

Time of computation: 8.909000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
	RECH. LINE.		OPTION					

	ITERATION		RELATIF		ABSOLU		NB. ITER	
	COEFFICIENT		ASSEMBLAGE					

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
	RHO							

	1		3.06415E-16		8.34465E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.909000000001e+00 for the sequence number 8909

Field stored COMPORTHER at time 8.909000000001e+00 for the sequence number 8909

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.91000e+00, dernier instant archivé : 8.91000e+00, au numéro d'ordre :

8910

Time of computation: 8.910000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
				RESI_GLOB_RELA		RESI_GLOB_MAXI		
RHO								

	1		3.06969E-16		8.34465E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.910000000001e+00 for the sequence number 8910

Field stored COMPORTHER at time 8.910000000001e+00 for the sequence number 8910

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.91100e+00, dernier instant archivé : 8.91100e+00, au numéro

d'ordre :

8911

Time of computation: 8.911000000001e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		3.03071E-16		8.34465E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.911000000001e+00 for the sequence number 8911

Field stored COMPORTHER at time 8.911000000001e+00 for the sequence number 8911

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.91200e+00, dernier instant archivé : 8.91200e+00, au numéro d'ordre :

8912

Time of computation: 8.912000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.89526E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.912000000000e+00 for the sequence number 8912

Field stored COMPORTHER at time 8.912000000000e+00 for the sequence number 8912

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.91300e+00, dernier instant archivé : 8.91300e+00, au numéro d'ordre :

8913

Time of computation: 8.913000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	3.05621E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.913000000000e+00 for the sequence number 8913

Field stored COMPORTHER at time 8.913000000000e+00 for the sequence number 8913

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.91400e+00, dernier instant archivé : 8.91400e+00, au numéro d'ordre :

8914

Time of computation: 8.914000000000e+00 - Level of cutting: 1

NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION					

ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	2.93711E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.914000000000e+00 for the sequence number 8914

Field stored COMPORTHER at time 8.914000000000e+00 for the sequence number 8914

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.91500e+00, dernier instant archivé : 8.91500e+00, au numéro d'ordre :

8915

Time of computation: 8.915000000000e+00 - Level of cutting: 1

| NEWTON | RESIDU | RESIDU | RECH. LINE. |
RECH. LINE. | OPTION |
| ITERATION | RELATIF | ABSOLU | NB. ITER |
COEFFICIENT | ASSEMBLAGE |
| | RESI_GLOB_RELA | RESI_GLOB_MAXI |
RHO | |

| 1 | 3.10057E-16 | 1.07288E-06 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.915000000000e+00 for the sequence number 8915

Field stored COMPORTHER at time 8.915000000000e+00 for the sequence number

8915

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.91600e+00, dernier instant archivé : 8.91600e+00, au numéro d'ordre :

8916

Time of computation: 8.916000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		3.07847E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.916000000000e+00 for the sequence number 8916

Field stored COMPORTHER at time 8.916000000000e+00 for the sequence number 8916

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.91700e+00, dernier instant archivé : 8.91700e+00, au numéro d'ordre :

8917

Time of computation: 8.917000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.98802E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.917000000000e+00 for the sequence number 8917

Field stored COMPORTHER at time 8.917000000000e+00 for the sequence number 8917

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.91800e+00, dernier instant archivé : 8.91800e+00, au numéro d'ordre :

8918

Time of computation: 8.918000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	3.06706E-16	8.34465E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.918000000000e+00 for the sequence number 8918

Field stored COMPORTHER at time 8.918000000000e+00 for the sequence number 8918

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.91900e+00, dernier instant archivé : 8.91900e+00, au numéro d'ordre :

8919

Time of computation: 8.919000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

| 1 | 3.02229E-16 | 7.15256E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 8.919000000000e+00 for the sequence number 8919

Field stored COMPORTHER at time 8.919000000000e+00 for the sequence number 8919

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.92000e+00, dernier instant archivé : 8.92000e+00, au numéro d'ordre :

8920

Time of computation: 8.920000000000e+00 - Level of cutting: 1

| NEWTON | RESIDU | RESIDU | RECH. LINE. |
RECH. LINE. | OPTION |
| ITERATION | RELATIF | ABSOLU | NB. ITER |
COEFFICIENT | ASSEMBLAGE |
| | RESI_GLOB_RELA | RESI_GLOB_MAXI | |
RHO | |

| 1 | 2.83556E-16 | 8.34465E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 8.920000000000e+00 for the sequence number 8920

Field stored COMPORTHER at time 8.920000000000e+00 for the sequence number 8920

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.92100e+00, dernier instant archivé : 8.92100e+00, au numéro d'ordre :

8921

Time of computation: 8.921000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		3.03618E-16		8.34465E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.921000000000e+00 for the sequence number 8921

Field stored COMPORTHER at time 8.921000000000e+00 for the sequence number 8921

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.92200e+00, dernier instant archivé : 8.92200e+00, au numéro d'ordre :

8922

Time of computation: 8.922000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		3.09975E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.922000000000e+00 for the sequence number 8922

Field stored COMPORTHER at time 8.922000000000e+00 for the sequence number 8922

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.92300e+00, dernier instant archivé : 8.92300e+00, au numéro d'ordre :

8923

Time of computation: 8.923000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_REL		RESI_GLOB_MAXI			
RHO								

	1		2.84556E-16		4.76837E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.923000000000e+00 for the sequence number 8923

Field stored COMPORTHER at time 8.923000000000e+00 for the sequence number 8923

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.92400e+00, dernier instant archivé : 8.92400e+00, au numéro d'ordre :

8924

Time of computation: 8.924000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	3.14144E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.924000000000e+00 for the sequence number 8924

Field stored COMPORTHER at time 8.924000000000e+00 for the sequence number 8924

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.92500e+00, dernier instant archivé : 8.92500e+00, au numéro d'ordre :

8925

Time of computation: 8.925000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

	1		2.75374E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.925000000000e+00 for the sequence number 8925

Field stored COMPORTHER at time 8.925000000000e+00 for the sequence number 8925

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.92600e+00, dernier instant archivé : 8.92600e+00, au numéro d'ordre :

8926

Time of computation: 8.926000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
	RECH. LINE.		OPTION					

	ITERATION		RELATIF		ABSOLU		NB. ITER	
	COEFFICIENT		ASSEMBLAGE					

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
	RHO							

	1		3.05726E-16		1.07288E-06			
	OUI							

Filing of the fields

Field stored TEMP at time 8.926000000000e+00 for the sequence number 8926

Field stored COMPORTHER at time 8.926000000000e+00 for the sequence number 8926

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.92700e+00, dernier instant archivé : 8.92700e+00, au numéro d'ordre :

8927

Time of computation: 8.927000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_REL		RESI_GLOB_MAXI			
RHO								

	1		2.95732E-16		8.34465E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.927000000000e+00 for the sequence number 8927

Field stored COMPORTHER at time 8.927000000000e+00 for the sequence number 8927

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.92800e+00, dernier instant archivé : 8.92800e+00, au numéro

d'ordre :

8928

Time of computation: 8.928000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	2.97358E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.928000000000e+00 for the sequence number 8928

Field stored COMPORTHER at time 8.928000000000e+00 for the sequence number 8928

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.92900e+00, dernier instant archivé : 8.92900e+00, au numéro d'ordre :

8929

Time of computation: 8.929000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
				RESI_GLOB_RELA		RESI_GLOB_MAXI		
RHO								

	1		3.27446E-16		1.19209E-06			
	OUI							

Filing of the fields

Field stored TEMP at time 8.929000000000e+00 for the sequence number 8929

Field stored COMPORTHER at time 8.929000000000e+00 for the sequence number 8929

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.93000e+00, dernier instant archivé : 8.93000e+00, au numéro d'ordre :

8930

Time of computation: 8.930000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

		RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO				

1		3.02113E-16	7.15256E-07	
OUI				

Filing of the fields

Field stored TEMP at time 8.930000000000e+00 for the sequence number 8930

Field stored COMPORTHER at time 8.930000000000e+00 for the sequence number 8930

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.93100e+00, dernier instant archivé : 8.93100e+00, au numéro d'ordre :

8931

Time of computation: 8.931000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.	
RECH. LINE.	OPTION			
ITERATION	RELATIF	ABSOLU	NB. ITER	
COEFFICIENT	ASSEMBLAGE			
	RESI_GLOB_RELA	RESI_GLOB_MAXI		
RHO				

1		3.16045E-16	9.53674E-07	
OUI				

Filing of the fields

Field stored TEMP at time 8.931000000000e+00 for the sequence number 8931

Field stored COMPORTHER at time 8.931000000000e+00 for the sequence number 8931

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.93200e+00, dernier instant archivé : 8.93200e+00, au numéro d'ordre :

8932

Time of computation: 8.932000000000e+00 - Level of cutting: 1

| NEWTON | RESIDU | RESIDU | RECH. LINE. |
RECH. LINE. | OPTION |
| ITERATION | RELATIF | ABSOLU | NB. ITER |
COEFFICIENT | ASSEMBLAGE |
| | RESI_GLOB_RELA | RESI_GLOB_MAXI |
RHO | |

| 1 | 2.97436E-16 | 7.15256E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.932000000000e+00 for the sequence number 8932

Field stored COMPORTHER at time 8.932000000000e+00 for the sequence number

8932

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.93300e+00, dernier instant archivé : 8.93300e+00, au numéro d'ordre :

8933

Time of computation: 8.933000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		3.18160E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.933000000000e+00 for the sequence number 8933

Field stored COMPORTHER at time 8.933000000000e+00 for the sequence number 8933

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.93400e+00, dernier instant archivé : 8.93400e+00, au numéro d'ordre :

8934

Time of computation: 8.934000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		3.02407E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.934000000000e+00 for the sequence number 8934

Field stored COMPORTHER at time 8.934000000000e+00 for the sequence number 8934

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.93500e+00, dernier instant archivé : 8.93500e+00, au numéro d'ordre :

8935

Time of computation: 8.935000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	3.06946E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.935000000000e+00 for the sequence number 8935

Field stored COMPORTHER at time 8.935000000000e+00 for the sequence number 8935

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.93600e+00, dernier instant archivé : 8.93600e+00, au numéro d'ordre :

8936

Time of computation: 8.936000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

| 1 | 3.07048E-16 | 7.15256E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 8.936000000000e+00 for the sequence number 8936

Field stored COMPORTHER at time 8.936000000000e+00 for the sequence number 8936

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.93700e+00, dernier instant archivé : 8.93700e+00, au numéro d'ordre :

8937

Time of computation: 8.937000000000e+00 - Level of cutting: 1

| NEWTON | RESIDU | RESIDU | RECH. LINE. |
RECH. LINE. | OPTION |
| ITERATION | RELATIF | ABSOLU | NB. ITER |
COEFFICIENT | ASSEMBLAGE |
| | RESI_GLOB_RELA | RESI_GLOB_MAXI | |
RHO | |

| 1 | 2.97059E-16 | 7.15256E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 8.937000000000e+00 for the sequence number 8937

Field stored COMPORTHER at time 8.937000000000e+00 for the sequence number 8937

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.93800e+00, dernier instant archivé : 8.93800e+00, au numéro d'ordre :

8938

Time of computation: 8.938000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_REL		RESI_GLOB_MAXI			
RHO								

	1		2.98962E-16		8.34465E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.938000000000e+00 for the sequence number 8938

Field stored COMPORTHER at time 8.938000000000e+00 for the sequence number 8938

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.93900e+00, dernier instant archivé : 8.93900e+00, au numéro d'ordre :

8939

Time of computation: 8.939000000000e+00 - Level of cutting: 1

NEWTON		RESIDU	RESIDU	RECH. LINE.	
RECH. LINE.		OPTION			
ITERATION		RELATIF	ABSOLU	NB. ITER	
COEFFICIENT		ASSEMBLAGE			
		RESI_GLOB_RELA	RESI_GLOB_MAXI		
RHO					
1		2.93126E-16	9.53674E-07		
OUI					

Filing of the fields

Field stored TEMP at time 8.939000000000e+00 for the sequence number 8939

Field stored COMPORTHER at time 8.939000000000e+00 for the sequence number 8939

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.94000e+00, dernier instant archivé : 8.94000e+00, au numéro d'ordre :

8940

Time of computation: 8.940000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_REL		RESI_GLOB_MAXI			
RHO								

	1		2.94567E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.940000000000e+00 for the sequence number 8940

Field stored COMPORTHER at time 8.940000000000e+00 for the sequence number 8940

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.94100e+00, dernier instant archivé : 8.94100e+00, au numéro d'ordre :

8941

Time of computation: 8.941000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	3.00211E-16	1.07288E-06	
OUI			

Filing of the fields

Field stored TEMP at time 8.941000000000e+00 for the sequence number 8941

Field stored COMPORTHER at time 8.941000000000e+00 for the sequence number 8941

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.94200e+00, dernier instant archivé : 8.94200e+00, au numéro d'ordre :

8942

Time of computation: 8.942000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

	1		2.93241E-16		5.96046E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.942000000000e+00 for the sequence number 8942

Field stored COMPORTHER at time 8.942000000000e+00 for the sequence number 8942

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.94300e+00, dernier instant archivé : 8.94300e+00, au numéro d'ordre :

8943

Time of computation: 8.943000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
	RECH. LINE.		OPTION					

	ITERATION		RELATIF		ABSOLU		NB. ITER	
	COEFFICIENT		ASSEMBLAGE					

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
	RHO							

	1		3.21986E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.943000000000e+00 for the sequence number 8943

Field stored COMPORTHER at time 8.943000000000e+00 for the sequence number 8943

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.94400e+00, dernier instant archivé : 8.94400e+00, au numéro d'ordre :

8944

Time of computation: 8.944000000000e+00 - Level of cutting: 1

-----		-----	
NEWTON		RESIDU	
RECH. LINE.		RESIDU	
OPTION		RECH. LINE.	
ITERATION		RELATIF	
COEFFICIENT		ABSOLU	
ASSEMBLAGE		NB. ITER	
		RESI_GLOB_REL	
		RESI_GLOB_MAXI	
RHO			
-----		-----	
1		2.97145E-16	
OUI		7.15256E-07	
-----		-----	

Filing of the fields

Field stored TEMP at time 8.944000000000e+00 for the sequence number 8944

Field stored COMPORTHER at time 8.944000000000e+00 for the sequence number 8944

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.94500e+00, dernier instant archivé : 8.94500e+00, au numéro

d'ordre :

8945

Time of computation: 8.945000000000e+00 - Level of cutting: 1

NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION					
ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					
		RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO							

1		3.03647E-16		9.53674E-07			
OUI							

Filing of the fields

Field stored TEMP at time 8.945000000000e+00 for the sequence number 8945

Field stored COMPORTHER at time 8.945000000000e+00 for the sequence number 8945

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.94600e+00, dernier instant archivé : 8.94600e+00, au numéro d'ordre :

8946

Time of computation: 8.946000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.					
RECH. LINE.		OPTION										
	ITERATION		RELATIF		ABSOLU		NB. ITER					
COEFFICIENT		ASSEMBLAGE										
				RESI_GLOB_RELA		RESI_GLOB_MAXI						
RHO												

	1		2.79902E-16		5.96046E-07							
	OUI											

Filing of the fields

Field stored TEMP at time 8.946000000000e+00 for the sequence number 8946

Field stored COMPORTHER at time 8.946000000000e+00 for the sequence number 8946

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.94700e+00, dernier instant archivé : 8.94700e+00, au numéro d'ordre :

8947

Time of computation: 8.947000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

	1	2.84060E-16	7.15256E-07	
	OUI			

Filing of the fields

Field stored TEMP at time 8.947000000000e+00 for the sequence number 8947

Field stored COMPORTHER at time 8.947000000000e+00 for the sequence number 8947

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.94800e+00, dernier instant archivé : 8.94800e+00, au numéro d'ordre :

8948

Time of computation: 8.948000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

	1	2.94854E-16	7.15256E-07	
	OUI			

Filing of the fields

Field stored TEMP at time 8.948000000000e+00 for the sequence number 8948

Field stored COMPORTHER at time 8.948000000000e+00 for the sequence number 8948

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.94900e+00, dernier instant archivé : 8.94900e+00, au numéro d'ordre :

8949

Time of computation: 8.949000000000e+00 - Level of cutting: 1

| NEWTON | RESIDU | RESIDU | RECH. LINE. |
RECH. LINE. | OPTION |
| ITERATION | RELATIF | ABSOLU | NB. ITER |
COEFFICIENT | ASSEMBLAGE |
| | RESI_GLOB_RELA | RESI_GLOB_MAXI |
RHO | |

| 1 | 2.92889E-16 | 7.15256E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.949000000000e+00 for the sequence number 8949

Field stored COMPORTHER at time 8.949000000000e+00 for the sequence number

8949

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.95000e+00, dernier instant archivé : 8.95000e+00, au numéro d'ordre :

8950

Time of computation: 8.950000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	2.95218E-16	9.53674E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.950000000000e+00 for the sequence number 8950

Field stored COMPORTHER at time 8.950000000000e+00 for the sequence number 8950

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.95100e+00, dernier instant archivé : 8.95100e+00, au numéro d'ordre :

8951

Time of computation: 8.951000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.88256E-16		5.96046E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.951000000000e+00 for the sequence number 8951

Field stored COMPORTHER at time 8.951000000000e+00 for the sequence number 8951

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.95200e+00, dernier instant archivé : 8.95200e+00, au numéro d'ordre :

8952

Time of computation: 8.952000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	2.92657E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.952000000000e+00 for the sequence number 8952

Field stored COMPORTHER at time 8.952000000000e+00 for the sequence number 8952

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.95300e+00, dernier instant archivé : 8.95300e+00, au numéro d'ordre :

8953

Time of computation: 8.953000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

| 1 | 3.05855E-16 | 7.15256E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 8.953000000000e+00 for the sequence number 8953

Field stored COMPORTHER at time 8.953000000000e+00 for the sequence number 8953

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.95400e+00, dernier instant archivé : 8.95400e+00, au numéro d'ordre :

8954

Time of computation: 8.954000000000e+00 - Level of cutting: 1

| NEWTON | RESIDU | RESIDU | RECH. LINE. |
RECH. LINE. | OPTION |
| ITERATION | RELATIF | ABSOLU | NB. ITER |
COEFFICIENT | ASSEMBLAGE |
| | RESI_GLOB_RELA | RESI_GLOB_MAXI | |
RHO | |

| 1 | 3.06722E-16 | 1.19209E-06 | |
| OUI |

Filing of the fields

Field stored TEMP at time 8.954000000000e+00 for the sequence number 8954

Field stored COMPORTHER at time 8.954000000000e+00 for the sequence number 8954

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.95500e+00, dernier instant archivé : 8.95500e+00, au numéro d'ordre :

8955

Time of computation: 8.955000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.83062E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.955000000000e+00 for the sequence number 8955

Field stored COMPORTHER at time 8.955000000000e+00 for the sequence number 8955

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.95600e+00, dernier instant archivé : 8.95600e+00, au numéro d'ordre :

8956

Time of computation: 8.956000000000e+00 - Level of cutting: 1

NEWTON		RESIDU	RESIDU	RECH. LINE.	
RECH. LINE.		OPTION			
ITERATION		RELATIF	ABSOLU	NB. ITER	
COEFFICIENT		ASSEMBLAGE			
		RESI_GLOB_RELA	RESI_GLOB_MAXI		
RHO					
1		2.83648E-16	7.15256E-07		
OUI					

Filing of the fields

Field stored TEMP at time 8.956000000000e+00 for the sequence number 8956

Field stored COMPORTHER at time 8.956000000000e+00 for the sequence number 8956

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.95700e+00, dernier instant archivé : 8.95700e+00, au numéro d'ordre :

8957

Time of computation: 8.957000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_REL		RESI_GLOB_MAXI			
RHO								

	1		2.93129E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.957000000000e+00 for the sequence number 8957

Field stored COMPORTHER at time 8.957000000000e+00 for the sequence number 8957

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.95800e+00, dernier instant archivé : 8.95800e+00, au numéro d'ordre :

8958

Time of computation: 8.958000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	2.82960E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.958000000000e+00 for the sequence number 8958

Field stored COMPORTHER at time 8.958000000000e+00 for the sequence number 8958

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.95900e+00, dernier instant archivé : 8.95900e+00, au numéro d'ordre :

8959

Time of computation: 8.959000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

	1		2.91552E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.959000000000e+00 for the sequence number 8959

Field stored COMPORTHER at time 8.959000000000e+00 for the sequence number 8959

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.96000e+00, dernier instant archivé : 8.96000e+00, au numéro d'ordre :

8960

Time of computation: 8.960000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
	RECH. LINE.		OPTION					

	ITERATION		RELATIF		ABSOLU		NB. ITER	
	COEFFICIENT		ASSEMBLAGE					

			RESI_GLOB_REL		RESI_GLOB_MAXI			
	RHO							

	1		3.22045E-16		8.34465E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.960000000000e+00 for the sequence number 8960

Field stored COMPORTHER at time 8.960000000000e+00 for the sequence number 8960

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.96100e+00, dernier instant archivé : 8.96100e+00, au numéro d'ordre :

8961

Time of computation: 8.961000000000e+00 - Level of cutting: 1

-----		-----	
NEWTON		RESIDU	
RECH. LINE.		RESIDU	
OPTION		RECH. LINE.	
ITERATION		RELATIF	
COEFFICIENT		ABSOLU	
ASSEMBLAGE		NB. ITER	
		RESI_GLOB_RELA	
		RESI_GLOB_MAXI	
RHO			
-----		-----	
1		2.94808E-16	
OUI		9.53674E-07	
-----		-----	

Filing of the fields

Field stored TEMP at time 8.961000000000e+00 for the sequence number 8961

Field stored COMPORTHER at time 8.961000000000e+00 for the sequence number 8961

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.96200e+00, dernier instant archivé : 8.96200e+00, au numéro

d'ordre :

8962

Time of computation: 8.962000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	2.94162E-16	5.96046E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.962000000000e+00 for the sequence number 8962

Field stored COMPORTHER at time 8.962000000000e+00 for the sequence number 8962

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.96300e+00, dernier instant archivé : 8.96300e+00, au numéro d'ordre :

8963

Time of computation: 8.963000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.77932E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.963000000000e+00 for the sequence number 8963

Field stored COMPORTHER at time 8.963000000000e+00 for the sequence number 8963

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.96400e+00, dernier instant archivé : 8.96400e+00, au numéro d'ordre :

8964

Time of computation: 8.964000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

	1	3.20407E-16	7.15256E-07	
	OUI			

Filing of the fields

Field stored TEMP at time 8.964000000000e+00 for the sequence number 8964

Field stored COMPORTHER at time 8.964000000000e+00 for the sequence number 8964

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.96500e+00, dernier instant archivé : 8.96500e+00, au numéro d'ordre :

8965

Time of computation: 8.965000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

	1	2.92524E-16	5.96046E-07	
	OUI			

Filing of the fields

Field stored TEMP at time 8.965000000000e+00 for the sequence number 8965

Field stored COMPORTHER at time 8.965000000000e+00 for the sequence number 8965

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.96600e+00, dernier instant archivé : 8.96600e+00, au numéro d'ordre :

8966

Time of computation: 8.966000000000e+00 - Level of cutting: 1

| NEWTON | RESIDU | RESIDU | RECH. LINE. |
RECH. LINE. | OPTION |
| ITERATION | RELATIF | ABSOLU | NB. ITER |
COEFFICIENT | ASSEMBLAGE |
| | RESI_GLOB_RELA | RESI_GLOB_MAXI | |
RHO | |

| 1 | 2.81591E-16 | 8.34465E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 8.966000000000e+00 for the sequence number 8966

Field stored COMPORTHER at time 8.966000000000e+00 for the sequence number

8966

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.96700e+00, dernier instant archivé : 8.96700e+00, au numéro d'ordre :

8967

Time of computation: 8.967000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	2.92562E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.967000000000e+00 for the sequence number 8967

Field stored COMPORTHER at time 8.967000000000e+00 for the sequence number 8967

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.96800e+00, dernier instant archivé : 8.96800e+00, au numéro d'ordre :

8968

Time of computation: 8.968000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.81341E-16		5.96046E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.968000000000e+00 for the sequence number 8968

Field stored COMPORTHER at time 8.968000000000e+00 for the sequence number 8968

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.96900e+00, dernier instant archivé : 8.96900e+00, au numéro d'ordre :

8969

Time of computation: 8.969000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	3.03806E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.969000000000e+00 for the sequence number 8969

Field stored COMPORTHER at time 8.969000000000e+00 for the sequence number 8969

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.97000e+00, dernier instant archivé : 8.97000e+00, au numéro d'ordre :

8970

Time of computation: 8.970000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

| 1 | 3.25426E-16 | 1.07288E-06 | |
| OUI |

Filing of the fields

Field stored TEMP at time 8.970000000000e+00 for the sequence number 8970

Field stored COMPORTHER at time 8.970000000000e+00 for the sequence number 8970

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.97100e+00, dernier instant archivé : 8.97100e+00, au numéro d'ordre :

8971

Time of computation: 8.971000000000e+00 - Level of cutting: 1

| NEWTON | RESIDU | RESIDU | RECH. LINE. |
RECH. LINE. | OPTION |
| ITERATION | RELATIF | ABSOLU | NB. ITER |
COEFFICIENT | ASSEMBLAGE |
| | RESI_GLOB_RELA | RESI_GLOB_MAXI | |
RHO | |

| 1 | 3.10532E-16 | 8.34465E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 8.971000000000e+00 for the sequence number 8971

Field stored COMPORTHER at time 8.971000000000e+00 for the sequence number 8971

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.97200e+00, dernier instant archivé : 8.97200e+00, au numéro d'ordre :

8972

Time of computation: 8.972000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		3.07754E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.972000000000e+00 for the sequence number 8972

Field stored COMPORTHER at time 8.972000000000e+00 for the sequence number 8972

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.97300e+00, dernier instant archivé : 8.97300e+00, au numéro d'ordre :

8973

Time of computation: 8.973000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	3.10619E-16	9.53674E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.973000000000e+00 for the sequence number 8973

Field stored COMPORTHER at time 8.973000000000e+00 for the sequence number 8973

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.97400e+00, dernier instant archivé : 8.97400e+00, au numéro d'ordre :

8974

Time of computation: 8.974000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_REL		RESI_GLOB_MAXI			
RHO								

	1		3.12191E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.974000000000e+00 for the sequence number 8974

Field stored COMPORTHER at time 8.974000000000e+00 for the sequence number 8974

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.97500e+00, dernier instant archivé : 8.97500e+00, au numéro d'ordre :

8975

Time of computation: 8.975000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	3.04345E-16	9.53674E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.975000000000e+00 for the sequence number 8975

Field stored COMPORTHER at time 8.975000000000e+00 for the sequence number 8975

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.97600e+00, dernier instant archivé : 8.97600e+00, au numéro d'ordre :

8976

Time of computation: 8.976000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

	1		3.03482E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.976000000000e+00 for the sequence number 8976

Field stored COMPORTHER at time 8.976000000000e+00 for the sequence number 8976

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.97700e+00, dernier instant archivé : 8.97700e+00, au numéro d'ordre :

8977

Time of computation: 8.977000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
	RECH. LINE.		OPTION					

	ITERATION		RELATIF		ABSOLU		NB. ITER	
	COEFFICIENT		ASSEMBLAGE					

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
	RHO							

	1		3.13008E-16		1.43051E-06			
	OUI							

Filing of the fields

Field stored TEMP at time 8.977000000000e+00 for the sequence number 8977

Field stored COMPORTHER at time 8.977000000000e+00 for the sequence number 8977

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.97800e+00, dernier instant archivé : 8.97800e+00, au numéro d'ordre :

8978

Time of computation: 8.978000000000e+00 - Level of cutting: 1

NEWTON		RESIDU	RESIDU	RECH. LINE.	
RECH. LINE.		OPTION			
ITERATION		RELATIF	ABSOLU	NB. ITER	
COEFFICIENT		ASSEMBLAGE			
		RESI_GLOB_REL	RESI_GLOB_MAXI		
RHO					
1		3.10904E-16	9.53674E-07		
OUI					

Filing of the fields

Field stored TEMP at time 8.978000000000e+00 for the sequence number 8978

Field stored COMPORTHER at time 8.978000000000e+00 for the sequence number 8978

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.97900e+00, dernier instant archivé : 8.97900e+00, au numéro

d'ordre :

8979

Time of computation: 8.979000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	3.03812E-16	9.53674E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.979000000000e+00 for the sequence number 8979

Field stored COMPORTHER at time 8.979000000000e+00 for the sequence number 8979

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.98000e+00, dernier instant archivé : 8.98000e+00, au numéro d'ordre :

8980

Time of computation: 8.980000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.82657E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.980000000000e+00 for the sequence number 8980

Field stored COMPORTHER at time 8.980000000000e+00 for the sequence number 8980

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.98100e+00, dernier instant archivé : 8.98100e+00, au numéro d'ordre :

8981

Time of computation: 8.981000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

	1	3.16861E-16	8.34465E-07	
	OUI			

Filing of the fields

Field stored TEMP at time 8.981000000000e+00 for the sequence number 8981

Field stored COMPORTHER at time 8.981000000000e+00 for the sequence number 8981

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.98200e+00, dernier instant archivé : 8.98200e+00, au numéro d'ordre :

8982

Time of computation: 8.982000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

	1	2.95219E-16	9.53674E-07	
	OUI			

Filing of the fields

Field stored TEMP at time 8.982000000000e+00 for the sequence number 8982

Field stored COMPORTHER at time 8.982000000000e+00 for the sequence number 8982

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.98300e+00, dernier instant archivé : 8.98300e+00, au numéro d'ordre :

8983

Time of computation: 8.983000000000e+00 - Level of cutting: 1

| NEWTON | RESIDU | RESIDU | RECH. LINE. |
RECH. LINE. | OPTION |
| ITERATION | RELATIF | ABSOLU | NB. ITER |
COEFFICIENT | ASSEMBLAGE |
| | RESI_GLOB_RELA | RESI_GLOB_MAXI |
RHO | |

| 1 | 3.05257E-16 | 9.53674E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.983000000000e+00 for the sequence number 8983

Field stored COMPORTHER at time 8.983000000000e+00 for the sequence number

8983

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.98400e+00, dernier instant archivé : 8.98400e+00, au numéro d'ordre :

8984

Time of computation: 8.984000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.90810E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.984000000000e+00 for the sequence number 8984

Field stored COMPORTHER at time 8.984000000000e+00 for the sequence number 8984

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.98500e+00, dernier instant archivé : 8.98500e+00, au numéro d'ordre :

8985

Time of computation: 8.985000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.98756E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.985000000000e+00 for the sequence number 8985

Field stored COMPORTHER at time 8.985000000000e+00 for the sequence number 8985

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.98600e+00, dernier instant archivé : 8.98600e+00, au numéro d'ordre :

8986

Time of computation: 8.986000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	3.02760E-16	1.19209E-06	
OUI			

Filing of the fields

Field stored TEMP at time 8.986000000000e+00 for the sequence number 8986

Field stored COMPORTHER at time 8.986000000000e+00 for the sequence number 8986

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.98700e+00, dernier instant archivé : 8.98700e+00, au numéro d'ordre :

8987

Time of computation: 8.987000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

| 1 | 2.96212E-16 | 8.34465E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 8.987000000000e+00 for the sequence number 8987

Field stored COMPORTHER at time 8.987000000000e+00 for the sequence number 8987

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.98800e+00, dernier instant archivé : 8.98800e+00, au numéro d'ordre :

8988

Time of computation: 8.988000000000e+00 - Level of cutting: 1

| NEWTON | RESIDU | RESIDU | RECH. LINE. |
RECH. LINE. | OPTION |
| ITERATION | RELATIF | ABSOLU | NB. ITER |
COEFFICIENT | ASSEMBLAGE |
| | RESI_GLOB_RELA | RESI_GLOB_MAXI | |
RHO | |

| 1 | 3.12224E-16 | 9.53674E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 8.988000000000e+00 for the sequence number 8988

Field stored COMPORTHER at time 8.988000000000e+00 for the sequence number 8988

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.98900e+00, dernier instant archivé : 8.98900e+00, au numéro d'ordre :

8989

Time of computation: 8.989000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_REL		RESI_GLOB_MAXI			
RHO								

	1		3.04171E-16		8.34465E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.989000000000e+00 for the sequence number 8989

Field stored COMPORTHER at time 8.989000000000e+00 for the sequence number 8989

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.99000e+00, dernier instant archivé : 8.99000e+00, au numéro d'ordre :

8990

Time of computation: 8.990000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	3.06084E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.990000000000e+00 for the sequence number 8990

Field stored COMPORTHER at time 8.990000000000e+00 for the sequence number 8990

Time CPU spent in this time step: 0.071 s

[99%] Instant calculé : 8.99100e+00, dernier instant archivé : 8.99100e+00, au numéro d'ordre :

8991

Time of computation: 8.991000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
			RESI_GLOB_REL		RESI_GLOB_MAXI			
RHO								

	1		3.14187E-16		8.34465E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.991000000000e+00 for the sequence number 8991

Field stored COMPORTHER at time 8.991000000000e+00 for the sequence number 8991

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.99200e+00, dernier instant archivé : 8.99200e+00, au numéro d'ordre :

8992

Time of computation: 8.992000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	2.95647E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.992000000000e+00 for the sequence number 8992

Field stored COMPORTHER at time 8.992000000000e+00 for the sequence number 8992

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.99300e+00, dernier instant archivé : 8.99300e+00, au numéro d'ordre :

8993

Time of computation: 8.993000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

	1		3.00970E-16		5.96046E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.993000000000e+00 for the sequence number 8993

Field stored COMPORTHER at time 8.993000000000e+00 for the sequence number 8993

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.99400e+00, dernier instant archivé : 8.99400e+00, au numéro d'ordre :

8994

Time of computation: 8.994000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
	RECH. LINE.		OPTION					

	ITERATION		RELATIF		ABSOLU		NB. ITER	
	COEFFICIENT		ASSEMBLAGE					

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
	RHO							

	1		2.97929E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.994000000000e+00 for the sequence number 8994

Field stored COMPORTHER at time 8.994000000000e+00 for the sequence number 8994

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.99500e+00, dernier instant archivé : 8.99500e+00, au numéro d'ordre :

8995

Time of computation: 8.995000000000e+00 - Level of cutting: 1

NEWTON		RESIDU	RESIDU	RECH. LINE.	
RECH. LINE.		OPTION			
ITERATION		RELATIF	ABSOLU	NB. ITER	
COEFFICIENT		ASSEMBLAGE			
		RESI_GLOB_REL	RESI_GLOB_MAXI		
RHO					
1		2.98603E-16	8.34465E-07		
OUI					

Filing of the fields

Field stored TEMP at time 8.995000000000e+00 for the sequence number 8995

Field stored COMPORTHER at time 8.995000000000e+00 for the sequence number 8995

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.99600e+00, dernier instant archivé : 8.99600e+00, au numéro

d'ordre :

8996

Time of computation: 8.996000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	2.86004E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.996000000000e+00 for the sequence number 8996

Field stored COMPORTHER at time 8.996000000000e+00 for the sequence number 8996

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.99700e+00, dernier instant archivé : 8.99700e+00, au numéro d'ordre :

8997

Time of computation: 8.997000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.					
RECH. LINE.		OPTION										
	ITERATION		RELATIF		ABSOLU		NB. ITER					
COEFFICIENT		ASSEMBLAGE										
				RESI_GLOB_RELA		RESI_GLOB_MAXI						
RHO												

	1		2.93852E-16		5.96046E-07							
	OUI											

Filing of the fields

Field stored TEMP at time 8.997000000000e+00 for the sequence number 8997

Field stored COMPORTHER at time 8.997000000000e+00 for the sequence number 8997

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.99800e+00, dernier instant archivé : 8.99800e+00, au numéro d'ordre :

8998

Time of computation: 8.998000000000e+00 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	3.04856E-16	8.34465E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.998000000000e+00 for the sequence number 8998

Field stored COMPORTHER at time 8.998000000000e+00 for the sequence number 8998

Time CPU spent in this time step: 0.070 s

[99%] Instant calculé : 8.99900e+00, dernier instant archivé : 8.99900e+00, au numéro d'ordre :

8999

Time of computation: 8.999000000000e+00 - Level of cutting: 1

NEWTON		RESIDU		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION					

ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	2.91925E-16	5.96046E-07	
OUI			

Filing of the fields

Field stored TEMP at time 8.999000000000e+00 for the sequence number 8999

Field stored COMPORTHER at time 8.999000000000e+00 for the sequence number 8999

Time CPU spent in this time step: 0.070 s

[100%] Instant calculé : 9.00000e+00, dernier instant archivé : 9.00000e+00, au numéro d'ordre :

9000

Time of computation: 9.000000000000e+00 - Level of cutting: 1

| NEWTON | RESIDU | RESIDU | RECH. LINE. |
RECH. LINE. | OPTION |
| ITERATION | RELATIF | ABSOLU | NB. ITER |
COEFFICIENT | ASSEMBLAGE |
| | RESI_GLOB_RELA | RESI_GLOB_MAXI |
RHO | |

| 1 | 2.92405E-16 | 7.15256E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 9.000000000000e+00 for the sequence number 9000

Field stored COMPORTHER at time 9.000000000000e+00 for the sequence number

9000

Time CPU spent in this time step: 0.070 s

[100%] Instant calculé : 9.00000e+00, dernier instant archivé : 9.00000e+00, au numéro d'ordre :

9000

#1	Resolution des systemes lineaires			CPU
(USER+SYST/SYST/ELAPS):	16.46	2.67	16.31	

#2	Calculs elementaires et assemblages			CPU
(USER+SYST/SYST/ELAPS):	581.84	11.28	582.38	

#3	Dechargement de la memoire sur disque			CPU
(USER+SYST/SYST/ELAPS):	0.11	0.09	0.11	

#4	Communications MPI			CPU
(USER+SYST/SYST/ELAPS):	0.18	0.02	0.26	

Résultat commande #0023 (THER_NON_LINE): SIM ('<00000015>') de type <ThermalResult>

Dépend de :

- MATS ('<0000000b>') de type <MaterialField>

- INIT_T ('<0000000c>') de type <FieldOnNodesReal>

- BC_0 ('<00000011>') de type <ThermalLoadFunction>

- BC_1 ('<00000012>') de type <ThermalLoadFunction>

- BC_2 ('<00000013>') de type <ThermalLoadFunction>

- TIMELIST ('<00000014>') de type <ListOfFloats>

- MODEL ('<0000000a>') de type <Model>

Mémoire (Mo) : 898.01 / 887.93 / 353.74 / 242.99 (VmPeak / VmSize / Optimum / Minimum)

Fin commande #0023 user+syst: 612.28s (syst: 17.88s, elaps: 630.51s)

.._stg1_txt234

Commande #0024 de fort.1, ligne 234

FIN(INFO_RESU='NON',
PROC0='OUI',
RETASSAGE='NON')

Saving objects...

pi	<class 'float'>
e	<class 'float'>
tau	<class 'float'>
inf	<class 'float'>
nan	<class 'float'>
F_0	<class 'libaster.Function'>
F_1	<class 'libaster.Function'>
F_2	<class 'libaster.ListOfFloats'>
F_3	<class 'libaster.Function'>
F_4	<class 'libaster.Function'>
F_5	<class 'libaster.Function'>
MAT_0	<class 'libaster.Material'>
MESH	<class 'libaster.Mesh'>
MODEL	<class 'libaster.Model'>
MATS	<class 'libaster.MaterialField'>
INIT_T	<class 'libaster.FieldOnNodesReal'>
F_6	<class 'libaster.Formula'>
F_7	<class 'libaster.Formula'>
F_8	<class 'libaster.Formula'>

F_9	<class 'libaster.Formula'>
BC_0	<class 'libaster.ThermalLoadFunction'>
BC_1	<class 'libaster.ThermalLoadFunction'>
BC_2	<class 'libaster.ThermalLoadFunction'>
TIMELIST	<class 'libaster.ListOfFloats'>
SIM	<class 'libaster.ThermalResult'>

|| <I> <CATAMESS_89>

||

||

||

|| List of warnings emitted during the execution of computation.

||

||

||

|| Warnings which you chose to ignore of are preceded by (*).

||

|| Number of occurrences for each warning:

||

|| no warning

||

-

Concepts de la base: G

de	Nom	Type	Taille (Mo)	Nombre	Nombre
				d'objets	segments
	TOTAL		164.36	90267	
135418					
3	00000001	FONCTION_SDASTER	0.00	3	
3	00000002	FONCTION_SDASTER	0.00	3	
6	00000003	LISTR8_SDASTER	0.00	6	
3	00000004	FONCTION_SDASTER	0.00	3	
3	00000005	FONCTION_SDASTER	0.00	3	
4	00000006	FONCTION_SDASTER	0.00	4	
6	00000007	MATER_SDASTER	0.00	6	
3	00000008	FONCTION_SDASTER	0.00	3	
67	00000009	MAILLAGE_SDASTER	0.46	38	
14	0000000a	MODELE_SDASTER	0.15	9	
14	0000000b	CHAM_MATER	0.03	9	
12	0000000c	CHAM_NO_SDASTER	0.05	10	
4	0000000d	FORMULE	0.00	4	

4	0000000e	FORMULE	0.00	4
4	0000000f	FORMULE	0.00	4
4	00000010	FORMULE	0.00	4
51	00000011	CHAR_THER	0.12	31
34	00000012	CHAR_THER	0.07	24
24	00000013	CHAR_THER	0.03	19
6	00000014	LISTR8_SDASTER	0.07	6
135043	00000015	EVOL_THER	133.37	90029
2	&FOZERO		0.00	2
1	&&_NUM_C		0.00	1
4	&CATA.AC		0.00	2
3	&CATA.CL		0.62	1
11	&CATA.GD		0.19	4
4	&CATA.ME		0.22	2
19	&CATA.OP		0.32	4
1	&CATA.PH		0.00	1

4	&CATA.PR	0.00	2
42	&CATA.TE	28.61	17
4	&CATA.TH	0.01	2
11	&CATA.TM	0.01	7

-

Nom de la base : GLOBALE

Nombre d'enregistrements utilisés : 407

Nombre d'enregistrements maximum : 2684354

Nombre d'enregistrements par fichier : 15728

Longueur d'enregistrement (octets) : 819200

Nombre total d'accès en lecture : 798

Volume des accès en lecture : 623.44 Mo.

Nombre total d'accès en écriture : 769

Volume des accès en écriture : 600.78 Mo.

Nombre d'identificateurs utilisés : 135428

Taille maximum du répertoire : 256000

Pourcentage d'utilisation du répertoire : 52 %

Nom de la base : VOLATILE

Nombre d'enregistrements utilisés : 120

Nombre d'enregistrements maximum : 2684354

Nombre d'enregistrements par fichier : 15728

Longueur d'enregistrement (octets) : 819200

Nombre total d'accès en lecture : 324

Volume des accès en lecture : 253.12 Mo.
Nombre total d'accès en écriture : 423
Volume des accès en écriture : 330.47 Mo.
Nombre d'identificateurs utilisés : 724
Taille maximum du répertoire : 2000
Pourcentage d'utilisation du répertoire : 36 %

<I> <FIN> ARRET NORMAL DANS "FIN" PAR APPEL A "JEFINI".

<I> <FIN> MEMOIRE JEVEUX MINIMALE REQUISE POUR L'EXECUTION :
242.99 Mo

<I> <FIN> MEMOIRE JEVEUX OPTIMALE REQUISE POUR L'EXECUTION :
353.74 Mo

<I> <FIN> MAXIMUM DE MEMOIRE UTILISEE PAR LE PROCESSUS LORS DE
L'EXECUTION : 898.01 Mo

<I> FERMETURE DES BASES EFFECTUEE

STATISTIQUES CONCERNANT L'ALLOCATION DYNAMIQUE :

TAILLE CUMULEE MAXIMUM : 354 Mo.
TAILLE CUMULEE LIBEREE : 7466 Mo.
NOMBRE TOTAL D'ALLOCATIONS : 21548379
NOMBRE TOTAL DE LIBERATIONS : 21548359
APPELS AU MECANISME DE LIBERATION : 7
TAILLE MEMOIRE CUMULEE RECUPEREE : 413 Mo.
VOLUME DES LECTURES : 12 Mo.
VOLUME DES ECRITURES : 201 Mo.
MEMOIRE JEVEUX MINIMALE REQUISE POUR L'EXECUTION : 242.99 Mo
- IMPOSE DE NOMBREUX ACCES DISQUE
- RALENTIT LA VITESSE D'EXECUTION
MEMOIRE JEVEUX OPTIMALE REQUISE POUR L'EXECUTION : 353.74 Mo
- LIMITE LES ACCES DISQUE

- AMELIORE LA VITESSE D'EXECUTION

MAXIMUM DE MEMOIRE UTILISEE PAR LE PROCESSUS : 898.01 Mo

- COMPREND LA MEMOIRE CONSOMMEE PAR JEVEUX,
LE SUPERVISEUR PYTHON, LES LIBRAIRIES EXTERNES

<I> FIN D'EXECUTION LE : ME-29-JANV-2025 01:33:51

DeprecationWarning: PY_SSIZE_T_CLEAN will be required for '#' formats

libaster.jeux_finalize(options)

Signature of pickled file :

f5201b25e485da82a1b53b860f4b2e741eb8d659963c39e102774605a28461fe

Signature of info file :

55b12724a0dfe9a16049e505041298f41b411ac549bdf512da6c05899e012b7e

Signature of Jeux database:

f6de41fc360c602b6e0131b4c8684ad56336bb5b619428023d1d42b953da8b72

* COMMAND : USER : SYSTEM : USER+SYS :
ELAPSED *

* DEBUT	:	0.03 :	0.19 :	0.22 :	0.59 *
* DEFI_CONSTANTE	:	0.00 :	0.00 :	0.00 :	0.01
*					
* DEFI_CONSTANTE	:	0.01 :	0.00 :	0.01 :	0.00
*					
* DEFI_LIST_REEL	:	0.00 :	0.00 :	0.00 :	0.00 *
* CALC_FONCTION	:	0.01 :	0.00 :	0.01 :	0.00
*					
* DEFI_CONSTANTE	:	0.00 :	0.00 :	0.00 :	0.00
*					
* CALC_FONC_INTERP	:	0.00 :	0.00 :	0.00 :	0.01
*					

* DEFI_MATERIAU	:	0.00 :	0.01 :	0.01 :	0.01 *
* LIRE_MALLAGE	:	0.01 :	0.00 :	0.01 :	0.04 *
* DEFI_GROUP	:	0.01 :	0.00 :	0.01 :	0.00
*					
* AFFE_MODELE	:	0.01 :	0.00 :	0.01 :	0.04
*					
* AFFE_MATERIAU	:	0.00 :	0.00 :	0.00 :	0.01
*					
* CREA_CHAMP	:	0.00 :	0.00 :	0.00 :	0.00
*					
* FORMULE	:	0.00 :	0.00 :	0.00 :	0.00
*					
* FORMULE	:	0.00 :	0.00 :	0.00 :	0.00
*					
* FORMULE	:	0.00 :	0.00 :	0.00 :	0.01
*					
* FORMULE	:	0.00 :	0.00 :	0.00 :	0.00
*					
* AFFE_CHAR_THER_F	:	0.01 :	0.00 :	0.01 :	0.02
*					
* AFFE_CHAR_THER_F	:	0.00 :	0.00 :	0.00 :	0.01
*					
* AFFE_CHAR_THER_F	:	0.00 :	0.00 :	0.00 :	0.00
*					
* DEFI_LIST_REEL	:	0.01 :	0.00 :	0.01 :	0.00 *
* THER_NON_LINE	:	612.28 :	17.88 :	630.16 :	630.51
*					
* FIN	:	0.28 :	0.10 :	0.38 :	0.38 *
* . check syntax	:	0.00 :	0.00 :	0.00 :	0.02 *
* . fortran	:	612.28 :	18.06 :	630.34 :	631.09 *

* TOTAL_JOB : 612.68 : 18.18 : 630.86 : 631.80

*

Mémoire (Mo) : 898.01 / 668.27 / 353.74 / 242.99 (VmPeak / VmSize /
Optimum / Minimum)

Fin commande #0024 user+syst: 0.28s (syst: 0.10s, elaps:
0.38s)

End of the Code_Aster execution

Code_Aster MPI exits normally

Exited

EXECUTION_CODE_ASTER_EXIT_12=0

import code_aster

import code_aster

from code_aster.Commands import *

import math library for functions and formula

from math import *

import simscale macros and utilities

import simscale_macros

Input file start

POURSUITE(

IGNORE_ALARM=("SUPERVIS_1", "ALGORITHM11_87"),

LANG="en",

)

try:

reconstructing model for single-core post-processing

```
MODEL = MODI_MODELE(  
    DISTRIBUTION=_F(  
        METHODE="CENTRALISE",  
    ),  
    MODELE=MODEL,  
    reuse=MODEL,  
)
```

Restricted mesh (only volume elements) for global fields printing

```
MESH_PP = CREA_MALLAGE(  
    MALLAGE=MESH,  
    RESTREINT=_F(  
        GROUP_MA=("region1"),  
    ),  
)
```

Restricted model definition for global fields printing

```
MOD_PP = AFFE_MODELE(  
    AFFE=(  
        _F(  
            MODELISATION="3D",  
            PHENOMENE="THERMIQUE",  
            TOUT="OUI",  
        ),  
        _F(  
            GROUP_MA=("region1"),  
            MODELISATION="3D",
```

```

        PHENOMENE="THERMIQUE",

    ),

),

    MAILLAGE=MESH_PP,
)

# Restricted result for global fields printing
SIM_PP = EXTR_RESU(

    ARCHIVAGE=_F(

        NOM_CHAM=("TEMP"),

        PAS_ARCH=1,

    ),

    RESTREINT=_F(

        MODELE=MOD_PP,

    ),

    RESULTAT=SIM,

)

# Destroying intermediate objects for global fields result restriction
DETRUIRE(

    INFO=1,

    NOM=(MESH, MODEL, SIM),

)

# Solution fields in file
IMPR_RESU(

    FORMAT="MED",

    RESU=_F(

        NOM_CHAM="TEMP",

        NOM_CHAM_MED="temperature",

```



```
        NOM_CMP=("TEMP"),
        RESULTAT=SIM_PP,
    ),
    UNITE=80,
)
finally:
    # Input file end
    FIN(
        INFO_RESU="NON",
        PROC0="OUI",
        RETASSAGE="NON",
    )
```


MPI_Init...

calling MPI_Init...

Ouverture en écriture du fichier ./vola.1

<INFO> Démarrage de l'exécution.

-- CODE_ASTER -- VERSION : CORRECTIVE AVANT STABILISATION
(stable-updates) --

Version 15.6.10 modifiée le 14/12/2022

révision cf12489e9fcc - branche 'v15'

Copyright EDF R&D 1991 - 2025

Exécution du : Wed Jan 29 01:33:58 2025

Type de processeur : x86_64

Langue des messages : en (UTF-8)

Version de Python : 3.8.10

Version de NumPy : 1.17.4

Parallélisme MPI : actif

Rang du processeur courant : 0

Nombre de processeurs utilisés : 1

Parallélisme OpenMP : actif

Nombre de processus utilisés : 1

Version de la librairie HDF5 : 1.10.3

Version de la librairie MED : 4.1.1

Version de la librairie MFront : 3.4.0

Version de la librairie MUMPS : 5.2.1

Version de la librairie PETSc : 3.12.3p0

Version de la librairie SCOTCH : 6.0.4

Mémoire limite pour l'exécution : 7000.00 Mo

consommée par l'initialisation : 484.84

Mo

reste pour l'allocation dynamique :

6515.16 Mo

Taille limite des fichiers d'échange : 2048.00 Go

<frozen importlib._bootstrap>:219: ImportWarning: can't resolve package from
__spec__ or __package__, falling back on __name__ and __path__

DeprecationWarning: PY_SSIZE_T_CLEAN will be required for '#' formats

libaster.jeux_init()

Found the comm-file: post.comm

Original directory for logging was found:

.._stg1_txt125

Commande #0001 de ligne 125

```
POURSUITE(CODE='NON',  
          DEBUG=_F(JEVEUX='NON',  
                  JXVERI='NON',  
                  SDVERI='NON',  
                  VERI_BASE_NB=125),  
          IGNORE_ALARM=('SUPERVIS_1', 'ALGORITHM11_87'),  
          IMPR_MACRO='NON',  
          INFO=1,  
          LANG='en',  
          MEMOIRE=_F(TAILLE_BLOC=800.0,  
                     TAILLE_GROUP_ELEM=1000),  
          MESURE_TEMPS=_F(MOYENNE='NON',  
                          NIVE_DETAIL=1),  
          RESERVE_CPU=_F(BORNE=900))
```

restarting from a previous execution...

Initial value of maximum time CPU = 35996400 second

Valeur of the maximum time CPU placed to the orders = 35995500 second

Réserve CPU envisaged = 900 seconds

Ouverture en lecture du fichier ./glob.1

Ajustement de la taille maximale des bases à 2048.00 Go.

Nom de la base	: GLOBALE
Créée avec la version	: 15.06.10
Nombre d'enregistrements utilisés	: 407
Nombre d'enregistrements maximum	: 2684354
Nombre d'enregistrements par fichier	: 15728
Longueur d'enregistrement (octets)	: 819200
Nombre d'identificateurs utilisés	: 135428

Taille maximum du répertoire : 256000

Pourcentage d'utilisation du répertoire : 52 %

Ouverture en lecture du fichier ./glob.1

Ouverture en écriture du fichier ./vola.1

End of reading (lasted 0.000002 S.)

DeprecationWarning: PY_SSIZE_T_CLEAN will be required for '#' formats

libaster.call_poursuite(syntax)

Restored objects:

pi	<class 'float'>
e	<class 'float'>
tau	<class 'float'>
inf	<class 'float'>
nan	<class 'float'>
F_0	<class 'libaster.Function'>
F_1	<class 'libaster.Function'>
F_2	<class 'libaster.ListOfFloats'>
F_3	<class 'libaster.Function'>
F_4	<class 'libaster.Function'>
F_5	<class 'libaster.Function'>
MAT_0	<class 'libaster.Material'>
MESH	<class 'libaster.Mesh'>
MODEL	<class 'libaster.Model'>
MATS	<class 'libaster.MaterialField'>
INIT_T	<class 'libaster.FieldOnNodesReal'>
F_6	<class 'libaster.Formula'>
F_7	<class 'libaster.Formula'>
F_8	<class 'libaster.Formula'>

```

F_9                <class 'libaster.Formula'>
BC_0                <class 'libaster.ThermalLoadFunction'>
BC_1                <class 'libaster.ThermalLoadFunction'>
BC_2                <class 'libaster.ThermalLoadFunction'>
TIMELIST            <class 'libaster.ListOfFloats'>
SIM                 <class 'libaster.ThermalResult'>

# Mémoire (Mo) :   880.59 /   877.34 /   344.80 /   222.22 (VmPeak / VmSize /
Optimum / Minimum)

# Fin commande #0001   user+syst:           0.54s (syst:           0.25s, elaps:
0.85s)

# -----
-----

.._stg1_txt19

# -----
-----

# Commande #0002 de fort.1, ligne 19

MODEL = MODI_MODELE(DISTRIBUTION=_F(METHODE='CENTRALISE'),
                    MODELE=MODEL,
                    reuse=MODEL)

# Résultat commande #0002 (MODI_MODELE): MODEL ('<0000000a>') de type
<Model>

# Dépend de :

# - MESH ('<000000009>') de type <Mesh>

# Mémoire (Mo) :   880.59 /   877.34 /   344.80 /   222.22 (VmPeak / VmSize /
Optimum / Minimum)

# Fin commande #0002   user+syst:           0.00s (syst:           0.00s, elaps:
0.00s)

# -----
-----

```

.. _stg1_txt28

Commande #0003 de fort.1, ligne 28

```
MESH_PP = CREA_MAILLAGE(INFO=1,  
                           MAILLAGE=MESH,  
                           RESTREINT=_F(GROUP_MA='region1',  
                                          TOUT_GROUP_MA='NON',  
                                          TOUT_GROUP_NO='NON'))
```

Vérification du maillage.

----- MAILLAGE 00000016 - IMPRESSIONS NIVEAU 1 -----

ASTER 15.06.10 CONCEPT 00000016 CALCULE LE 29/01/2025 A 01:33:59 DE TYPE

MAILLAGE_SDASTER

NOMBRE DE NOEUDS 876

NOMBRE DE MAILLES 4005

TETRA4 4005

NOMBRE DE GROUPES DE MAILLES 1

region1 4005

DeprecationWarning: PY_SSIZE_T_CLEAN will be required for '#' formats

```
return libaster.call_oper(syntax, 0)
```

Résultat commande #0003 (CREA_MAILLAGE): MESH_PP ('<00000016>') de type
<Mesh>

Dépend de :

- MESH ('<00000009>') de type <Mesh>

Mémoire (Mo) : 880.59 / 878.64 / 345.83 / 222.22 (VmPeak / VmSize /
Optimum / Minimum)

Fin commande #0003 user+syst: 0.02s (syst: 0.01s, elaps:
0.02s)

.. _stg1_txt36

Commande #0004 de fort.1, ligne 36

```
MOD_PP = AFFE_MODELE(AFFE=(_F(MODELISATION='3D',  
                                PHENOMENE='THERMIQUE',  
                                TOUT='OUI'),  
                      _F(GROUP_MA='region1',  
                          MODELISATION='3D',  
                          PHENOMENE='THERMIQUE'))),  
DISTRIBUTION=_F(METHODE='SOUS_DOMAINE',  
                 PARTITIONNEUR='METIS'),  
INFO=1,  
MAILLAGE=MESH_PP,  
VERI_JACOBIE='OUI',  
VERI_NORM_IFS='OUI')
```

Sur les 4005 mailles du maillage 00000016, on a demandé l'affectation de 4005, on a pu en affecter

4005.

Modélisation	Formulation	Type maille	Élément fini	Nombre
3D	—	TETRA4	THER_TETRA4	4005
#2	Calculs elementaires et assemblages			CPU
(USER+SYST/SYST/ELAPS):	0.01	0.01	0.01	

Résultat commande #0004 (AFFE_MODELE): MOD_PP ('<00000017>') de type

<Model>

Dépend de :

- MESH_PP ('<00000016>') de type <Mesh>

Mémoire (Mo) : 940.93 / 940.73 / 375.29 / 233.02 (VmPeak / VmSize /
Optimum / Minimum)

Fin commande #0004 user+syst: 0.00s (syst: 0.01s, elaps:
0.03s)

.._stg1_txt53

Commande #0005 de fort.1, ligne 53

SIM_PP = EXTR_RESU(ARCHIVAGE=_F(CRITERE='RELATIF',
NOM_CHAM='TEMP',
PAS_ARCH=1,
PRECISION=1e-06),
INFO=1,
RESTREINT=_F(MODELE=MOD_PP),
RESULTAT=SIM)

STRUCTURE DU CONCEPT 00000018 CALCULE POUR 9001 NUMEROS
D'ORDRE

LISTE DES NOMS SYMBOLIQUES:

! ----- !-----!

! NUME_ORDRE ! TEMP !

! ----- !-----!

! 0 ! TEMP_R !

! ... ! ... !

! 9000 ! TEMP_R !

! ----- !-----!

LISTE DES NOMS DE VARIABLES D'ACCES:

INST DE TYPE R

LISTE DES NOMS DE PARAMETRES:

! ----- !-----!-----!-----!-----

---!-----!-----!-----!

! NUME_ORDRE ! MODELE ! CHAMPMAT ! CARAELEM !
EXCIT ! ITER_GLOB ! PARM_THETA ! DELTAT !

! ----- !-----!-----!-----!-----

---!-----!-----!-----!

! 0 ! K8 ! K8 ! K8 !
K24 ! | ! R ! R !

! ... ! ... ! ... ! ... !
... ! ... ! ... !

! 9000 ! K8 ! K8 ! K8 !
K24 ! | ! R ! R !

! ----- !-----!-----!-----!-----

---!-----!-----!-----!

Résultat commande #0005 (EXTR_RESU): SIM_PP ('<00000018>') de type
<ThermalResult>

Dépend de :

- MOD_PP ('<00000017>') de type <Model>

Mémoire (Mo) : 1032.88 / 1032.88 / 452.32 / 233.02 (VmPeak / VmSize /
Optimum / Minimum)

Fin commande #0005 user+syst: 1.74s (syst: 0.05s, elaps:
1.81s)

.._stg1_txt65

```
# -----  
-----
```

```
# Commande #0006 de fort.1, ligne 65
```

```
DETRUIRE(INFO=1,
```

```
          NOM=(MESH, MODEL, SIM))
```

```
Suppression de la référence : 'MESH'
```

```
Suppression de la référence : 'MODEL'
```

```
Suppression de la référence : 'SIM'
```

```
# Mémoire (Mo) :  1032.88 /  1032.88 /   452.34 /   233.02 (VmPeak / VmSize /  
Optimum / Minimum)
```

```
# Fin commande #0006    user+syst:          0.04s (syst:          0.01s, elaps:  
0.03s)
```

```
# -----  
-----
```

```
.._stg1_txt71
```

```
# -----  
-----
```

```
# Commande #0007 de fort.1, ligne 71
```

```
IMPR_RESU(FORMAT='MED',
```

```
          INFO=1,
```

```
          RESU=_F(IMPR_NOM_VARI='OUI',
```

```
                  INFO_MALLAGE='NON',
```

```
                  NOM_CHAM='TEMP',
```

```
                  NOM_CHAM_MED='temperature',
```

```
                  NOM_CMP='TEMP',
```

```
                  RESULTAT=SIM_PP),
```

```
          UNITE=80,
```

```
          VERSION_MED='3.3.1')
```

Création du fichier au format MED 3.3.1.

Mémoire (Mo) : 1032.88 / 966.77 / 452.34 / 233.02 (VmPeak / VmSize /
Optimum / Minimum)

Fin commande #0007 user+syst: 8.64s (syst: 1.92s, elaps:
10.58s)

.._stg1_txt84

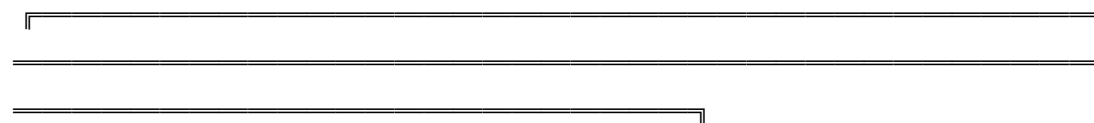
Commande #0008 de fort.1, ligne 84

FIN(INFO_RESU='NON',
PROC0='OUI',
RETASSAGE='NON')

Saving objects...

pi	<class 'float'>
e	<class 'float'>
tau	<class 'float'>
inf	<class 'float'>
nan	<class 'float'>
F_0	<class 'libaster.Function'>
F_1	<class 'libaster.Function'>
F_2	<class 'libaster.ListOfFloats'>
F_3	<class 'libaster.Function'>
F_4	<class 'libaster.Function'>
F_5	<class 'libaster.Function'>
MAT_0	<class 'libaster.Material'>
MATS	<class 'libaster.MaterialField'>

INIT_T	<class 'libaster.FieldOnNodesReal'>
F_6	<class 'libaster.Formula'>
F_7	<class 'libaster.Formula'>
F_8	<class 'libaster.Formula'>
F_9	<class 'libaster.Formula'>
BC_0	<class 'libaster.ThermalLoadFunction'>
BC_1	<class 'libaster.ThermalLoadFunction'>
BC_2	<class 'libaster.ThermalLoadFunction'>
TIMELIST	<class 'libaster.ListOfFloats'>
MESH_PP	<class 'libaster.Mesh'>
MOD_PP	<class 'libaster.Model'>
SIM_PP	<class 'libaster.ThermalResult'>



|| <I> <CATAMESS_89>

||

||

||

|| List of warnings emitted during the execution of computation.

||

||

||

|| Warnings which you chose to ignore of are preceded by (*).

||

|| Number of occurrences for each warning:

||

||

no warning

||

-

Concepts de la base: G

Nom de	Type	Taille (Mo)	Nombre d'objets	Nombre segments
TOTAL 36470		105.61	36308	
3	00000001 FONCTION_SDASTER	0.00	3	
3	00000002 FONCTION_SDASTER	0.00	3	
6	00000003 LISTR8_SDASTER	0.00	6	
3	00000004 FONCTION_SDASTER	0.00	3	
3	00000005 FONCTION_SDASTER	0.00	3	
4	00000006 FONCTION_SDASTER	0.00	4	
6	00000007 MATER_SDASTER	0.00	6	
3	00000008 FONCTION_SDASTER	0.00	3	
67	00000009 MAILLAGE_SDASTER	0.46	38	
14	0000000a MODELE_SDASTER	0.15	9	

14	0000000b	CHAM_MATER	0.03	9
12	0000000c	CHAM_NO_SDASTER	0.05	10
4	0000000d	FORMULE	0.00	4
4	0000000e	FORMULE	0.00	4
4	0000000f	FORMULE	0.00	4
4	00000010	FORMULE	0.00	4
51	00000011	CHAR_THER	0.12	31
34	00000012	CHAR_THER	0.07	24
24	00000013	CHAR_THER	0.03	19
6	00000014	LISTR8_SDASTER	0.07	6
52	00000016	MAILLAGE_SDASTER	0.42	38
14	00000017	MODELE_SDASTER	0.13	9
36026	00000018	EVOL_THER	74.07	36020
2	&FOZERO		0.00	2
1	&&_NUM_C		0.00	1
4	&CATA.AC		0.00	2

3	&CATA.CL	0.62	1
11	&CATA.GD	0.19	4
4	&CATA.ME	0.22	2
19	&CATA.OP	0.32	4
1	&CATA.PH	0.00	1
4	&CATA.PR	0.00	2
42	&CATA.TE	28.61	17
4	&CATA.TH	0.01	2
11	&CATA.TM	0.01	7
3	00000015	0.00	3

-			

Nom de la base : GLOBALE

Nombre d'enregistrements utilisés : 407

Nombre d'enregistrements maximum : 2684354

Nombre d'enregistrements par fichier : 15728

Longueur d'enregistrement (octets) : 819200

Nombre total d'accès en lecture : 36954

Volume des accès en lecture : 28870.31 Mo.

Nombre total d'accès en écriture : 36544

Volume des accès en écriture	:	28550.00 Mo.
Nombre d'identificateurs utilisés	:	171524
Taille maximum du répertoire	:	256000
Pourcentage d'utilisation du répertoire	:	67 %
Nom de la base	:	VOLATILE
Nombre d'enregistrements utilisés	:	107
Nombre d'enregistrements maximum	:	2684354
Nombre d'enregistrements par fichier	:	15728
Longueur d'enregistrement (octets)	:	819200
Nombre total d'accès en lecture	:	0
Volume des accès en lecture	:	0.00 Mo.
Nombre total d'accès en écriture	:	291
Volume des accès en écriture	:	227.34 Mo.
Nombre d'identificateurs utilisés	:	136
Taille maximum du répertoire	:	2000
Pourcentage d'utilisation du répertoire	:	6 %

<I> <FIN> ARRET NORMAL DANS "FIN" PAR APPEL A "JEFINI".

<I> <FIN> MEMOIRE JEVEUX MINIMALE REQUISE POUR L'EXECUTION :
233.02 Mo

<I> <FIN> MEMOIRE JEVEUX OPTIMALE REQUISE POUR L'EXECUTION :
452.34 Mo

<I> <FIN> MAXIMUM DE MEMOIRE UTILISEE PAR LE PROCESSUS LORS DE
L'EXECUTION : 1032.88 Mo

<I> FERMETURE DES BASES EFFECTUEE

STATISTIQUES CONCERNANT L'ALLOCATION DYNAMIQUE :

TAILLE CUMULEE MAXIMUM	:	452 Mo.
TAILLE CUMULEE LIBREE	:	385 Mo.
NOMBRE TOTAL D'ALLOCATIONS	:	2540570

NOMBRE TOTAL DE LIBERATIONS : 2540570

APPELS AU MECANISME DE LIBERATION : 0

TAILLE MEMOIRE CUMULEE RECUPEREE : 0 Mo.

VOLUME DES LECTURES : 0 Mo.

VOLUME DES ECRITURES : 0 Mo.

MEMOIRE JEVEUX MINIMALE REQUISE POUR L'EXECUTION : 233.02 Mo

- IMPOSE DE NOMBREUX ACCES DISQUE

- RALENTIT LA VITESSE D'EXECUTION

MEMOIRE JEVEUX OPTIMALE REQUISE POUR L'EXECUTION : 452.34 Mo

- LIMITE LES ACCES DISQUE

- AMELIORE LA VITESSE D'EXECUTION

MAXIMUM DE MEMOIRE UTILISEE PAR LE PROCESSUS : 1032.88 Mo

- COMPREND LA MEMOIRE CONSOMMEE PAR JEVEUX,

LE SUPERVISEUR PYTHON, LES LIBRAIRIES EXTERNES

<I> FIN D'EXECUTION LE : ME-29-JANV-2025 01:34:16

DeprecationWarning: PY_SSIZE_T_CLEAN will be required for '#' formats

libaster.jeux_finalize(options)

Signature of pickled file :

2401691099940a54eddf32113d86bb040f3ac43f31594772813ff2d6ff4446e

Signature of info file :

8edcbf0b4612acab456993dd980ea26f1cedef031a4489990bf6104e3b16caa5

Signature of Jeux database:

bb6199875b15ede141ba589ae411a50438cf619229c31a9ff523f518036b35c7

* COMMAND : USER : SYSTEM : USER+SYS :

ELAPSED *

* POURSUITE : 0.54 : 0.25 : 0.79 : 0.85

```

*

* MODI_MODELE          :      0.00 :      0.00 :      0.00 :
0.00 *

* CREA_MALLAGE          :      0.02 :      0.01 :      0.03 :      0.02
*

* AFFE_MODELE           :      0.00 :      0.01 :      0.01 :      0.03
*

* EXTR_RESU             :      1.74 :      0.05 :      1.79 :      1.81 *
* DETRUIRE              :      0.04 :      0.01 :      0.05 :      0.03 *
* IMPR_RESU             :      8.64 :      1.92 :     10.56 :     10.58 *
* FIN                   :      0.15 :      0.13 :      0.28 :      0.28 *
* . check syntax        :      0.03 :      0.01 :      0.04 :      0.03 *
* . fortran             :     10.93 :      2.36 :     13.29 :     13.38 *

*****

* TOTAL_JOB             :     11.42 :      6.72 :     18.14 :     18.24
*

*****

# Mémoire (Mo) :   1032.88 /    697.86 /    452.34 /    233.02 (VmPeak / VmSize /
Optimum / Minimum)

# Fin commande #0008   user+syst:      0.15s (syst:      0.13s, elaps:
0.28s)

# -----
-----

End of the Code_Aster execution

Code_Aster MPI exits normally

Exited

EXECUTION_CODE_ASTER_EXIT_12=0

```