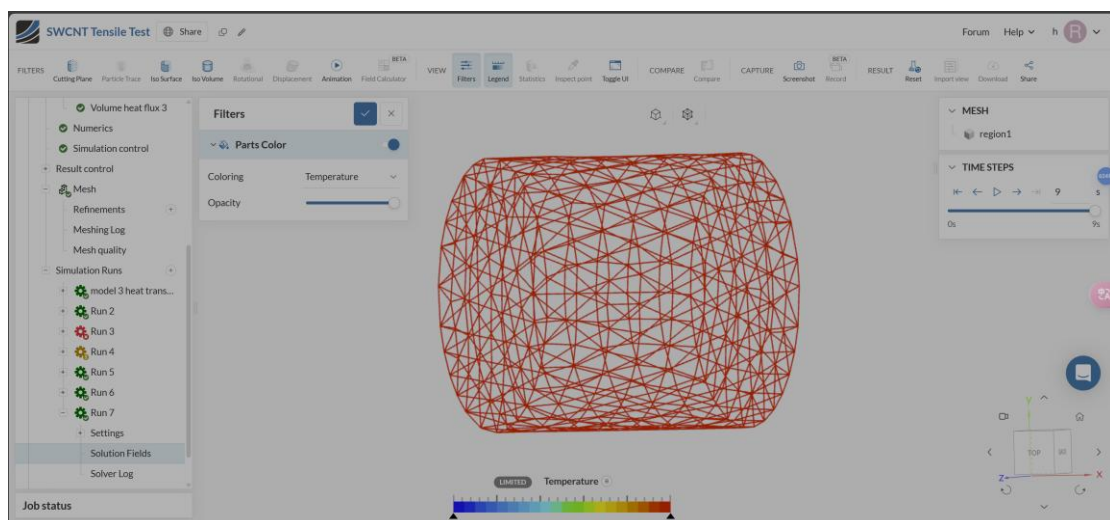
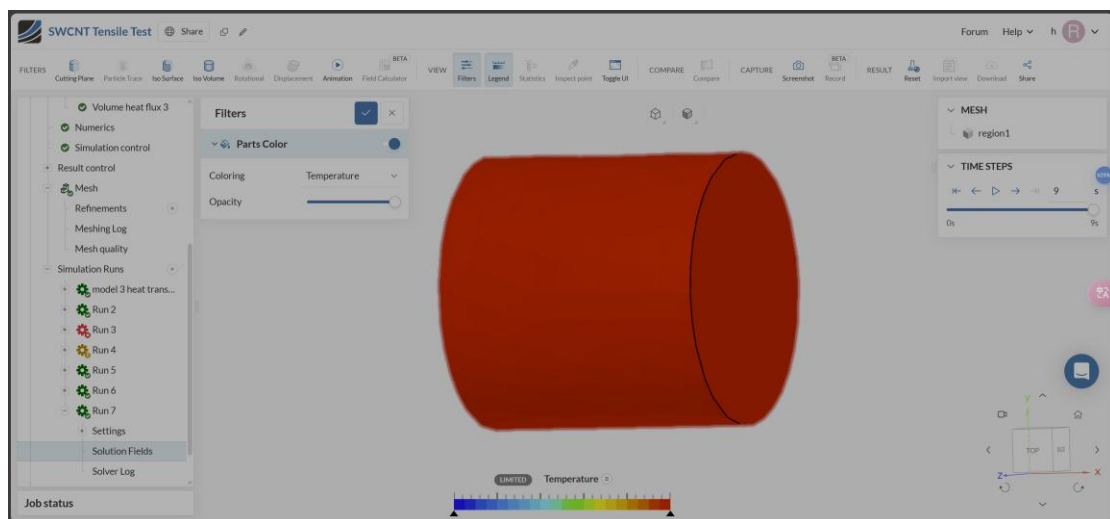


Mesh quality (above)



Solver solution field (above)

Grid logs

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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

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_REL		RESI_GLOB_MAXI			
RHO								

	1		2.87021E-16		5.96046E-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		2.92662E-16		5.96046E-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_REL		RESI_GLOB_MAXI			
RHO								

	1		3.07354E-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	3.43137E-16	9.53674E-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		3.14008E-16		8.34465E-07			
	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		3.12862E-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_REL		RESI_GLOB_MAXI			
RHO								

	1		2.95796E-16		7.15256E-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	3.08509E-16	5.96046E-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_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.88946E-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: 0.071 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	3.06979E-16	9.53674E-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	3.06633E-16	9.53674E-07	
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 | 3.01686E-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		3.08408E-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		2.96123E-16		7.15256E-07			
	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	2.84657E-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 | 2.95369E-16 | 7.15256E-07 | |
| 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 | 3.16592E-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		3.01273E-16		7.15256E-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		3.06972E-16		8.34465E-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: 0.071 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_REL		RESI_GLOB_MAXI			
RHO								

	1		3.11413E-16		8.34465E-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	3.09701E-16	7.15256E-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		3.06399E-16		9.53674E-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_REL		RESI_GLOB_MAXI			
	RHO							

	1		3.12972E-16		7.15256E-07			
	OUI							

Filing of the fields

[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		2.97720E-16		6.61949E-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_RELA		RESI_GLOB_MAXI			
RHO								

	1		3.17695E-16		1.19209E-06			
	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: 0.070 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	2.93584E-16	7.15256E-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	3.06938E-16	7.15256E-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 | 3.24562E-16 | 7.15256E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.824000000001e+00 for the sequence number 8824

Field stored COMPORTHER at time 8.824000000001e+00 for the sequence number

8824

Time CPU spent in this time step: 0.070 s

[98%] Instant calculé : 8.82500e+00, dernier instant archivé : 8.82500e+00, au numéro d'ordre :

8825

Time of computation: 8.825000000001e+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		3.06231E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.825000000001e+00 for the sequence number 8825

Field stored COMPORTHER at time 8.825000000001e+00 for the sequence number 8825

Time CPU spent in this time step: 0.070 s

[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_REL		RESI_GLOB_MAXI			
RHO								

	1		2.98664E-16		7.15256E-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	2.94356E-16	5.96046E-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 | 2.94934E-16 | 7.15256E-07 |
| 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 | 3.07864E-16 | 1.19209E-06 |
| 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_REL		RESI_GLOB_MAXI			
RHO								

	1		3.03908E-16		8.34465E-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		2.97705E-16	8.34465E-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_REL		RESI_GLOB_MAXI			
RHO								

	1		3.01809E-16		7.15256E-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

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

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	2.97934E-16	8.34465E-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

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

	1		2.92163E-16		5.96046E-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		3.12650E-16		7.15256E-07			
	OUI							

Filing of the fields

[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	2.99965E-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_RELA		RESI_GLOB_MAXI						
RHO												

	1		2.94833E-16		5.96046E-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	3.11623E-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: 0.071 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	3.06667E-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 | 3.16568E-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: 0.071 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

Time of computation: 8.842000000001e+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		3.04988E-16
	3.04988E-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		2.91854E-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	3.20160E-16	7.15256E-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 | 2.93833E-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 | 2.94647E-16 | 1.07288E-06 |
| 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: 0.071 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_REL		RESI_GLOB_MAXI			
RHO								

	1		2.90717E-16		1.19209E-06			
	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	2.95228E-16	7.15256E-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		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		3.03528E-16
	3.03528E-16		7.15256E-07
	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: 0.071 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		RESIDU
	RECH. LINE.		RECH. LINE.
	OPTION		

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	3.13548E-16	9.53674E-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		3.23250E-16		9.53674E-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		3.20735E-16		9.53674E-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_RELA	RESI_GLOB_MAXI		
RHO					
1		3.17154E-16	7.15256E-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	2.93319E-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_RELA		RESI_GLOB_MAXI						
RHO												

	1		2.86731E-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	2.98824E-16	7.15256E-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	2.94553E-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 | 3.09494E-16 | 8.34465E-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_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.85685E-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		3.07206E-16		9.53674E-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	3.12970E-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 | 2.85243E-16 | 5.96046E-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 | 3.08546E-16 | 9.53674E-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		3.04548E-16		8.34465E-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		2.87471E-16	7.15256E-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_REL		RESI_GLOB_MAXI			
RHO								

	1		3.08049E-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	3.23360E-16	9.53674E-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		3.04034E-16		8.34465E-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		3.05077E-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_REL	RESI_GLOB_MAXI		
RHO					
1		3.19740E-16	1.19209E-06		
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		2.86949E-16		5.96046E-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

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

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|   1         | 3.08991E-16 | 7.15256E-07 |
|   OUI       |

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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: 0.071 s

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

8873

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

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

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	RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO		

1	2.95527E-16	7.15256E-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	2.97670E-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 | 2.78253E-16 | 5.96046E-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_RELA	RESI_GLOB_MAXI	
RHO			

1	2.97700E-16	7.15256E-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_REL		RESI_GLOB_MAXI			
RHO								

	1		3.16023E-16		7.15256E-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	3.12363E-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 | 2.92192E-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 | 2.84906E-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		2.93534E-16		8.34465E-07			
	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		2.85514E-16	5.96046E-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_REL		RESI_GLOB_MAXI			
RHO								

	1		2.96974E-16		7.15256E-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	2.97520E-16	7.15256E-07	
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		3.09740E-16		9.53674E-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: 0.072 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_REL		RESI_GLOB_MAXI			
	RHO							

	1		3.16883E-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	3.04238E-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: 0.071 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	3.21556E-16	9.53674E-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		RECH. LINE.	
RECH. LINE.		OPTION						
	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						
				RESI_GLOB_RELA		RESI_GLOB_MAXI		
RHO								

	1		2.97548E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 8.8890000000001e+00 for the sequence number 8889

Field stored COMPORTHER at time 8.8890000000001e+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: 8.8900000000001e+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	2.73419E-16	5.96046E-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	3.05533E-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 | 3.15809E-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	2.99017E-16	5.96046E-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		3.03112E-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	2.86818E-16	9.53674E-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 | 2.91924E-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 | 2.95764E-16 | 5.96046E-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

Time of computation: 8.898000000001e+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		2.83319E-16
	2.83319E-16		4.76837E-07
	4.76837E-07		
	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

NEWTON		RESIDU	RESIDU	RECH. LINE.	
RECH. LINE.		OPTION			
ITERATION		RELATIF	ABSOLU	NB. ITER	
COEFFICIENT		ASSEMBLAGE			
		RESI_GLOB_RELA	RESI_GLOB_MAXI		
RHO					
1		2.88124E-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_REL		RESI_GLOB_MAXI			
RHO								

	1		2.75778E-16		5.96046E-07			
	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	3.18899E-16	9.53674E-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		3.14966E-16		8.34465E-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		3.01563E-16		5.96046E-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_RELA	RESI_GLOB_MAXI	
RHO			
1	3.04742E-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	2.95452E-16	5.96046E-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_RELA		RESI_GLOB_MAXI			
RHO								

	1		3.02865E-16		5.96046E-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	3.09739E-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	3.10266E-16	7.15256E-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 | 3.19747E-16 | 9.53674E-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		2.86234E-16		7.15256E-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		3.16903E-16		7.15256E-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	2.92031E-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 | 3.10456E-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 | 2.97389E-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_REL		RESI_GLOB_MAXI			
RHO								

	1		2.97055E-16		7.15256E-07			
	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	2.84704E-16	5.96046E-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_REL		RESI_GLOB_MAXI			
RHO								

	1		3.13366E-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	3.00887E-16	7.15256E-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		2.86900E-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		3.11824E-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_REL	RESI_GLOB_MAXI		
RHO					
1		3.06685E-16	7.15256E-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	3.14314E-16	5.96046E-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_RELA			RESI_GLOB_MAXI					
RHO									

	1		2.91933E-16		7.15256E-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	2.99762E-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	2.82882E-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 | 2.81417E-16 | 5.96046E-07 |
| 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_RELA		RESI_GLOB_MAXI			
RHO								

	1		3.12879E-16		7.15256E-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		3.05285E-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	2.90027E-16	7.15256E-07	
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 | 2.96115E-16 | 5.96046E-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 | 3.03398E-16 | 8.34465E-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		3.10619E-16		9.53674E-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	2.89370E-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: 0.071 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_REL		RESI_GLOB_MAXI			
RHO								

	1		2.98150E-16		5.96046E-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	3.05192E-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		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

	1	3.15780E-16	8.34465E-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_REL		RESI_GLOB_MAXI			
RHO								

	1	2.96763E-16	8.34465E-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		3.02444E-16	9.53674E-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: 0.071 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	3.07836E-16	8.34465E-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_RELA		RESI_GLOB_MAXI						
RHO												
	1		2.80225E-16		9.53674E-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	3.09401E-16	7.15256E-07	
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	3.14406E-16	9.53674E-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 | 3.12520E-16 | 1.66893E-06 |
| 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		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.97830E-16		7.15256E-07			
	OUI							

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_REL		RESI_GLOB_MAXI			
RHO								

	1		2.91402E-16		7.15256E-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	3.11167E-16	7.15256E-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 | 3.18562E-16 | 9.53674E-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 | 2.94971E-16 | 8.34465E-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		3.16041E-16		8.34465E-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		2.96805E-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: 0.071 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_REL		RESI_GLOB_MAXI			
RHO								

	1		2.93536E-16		7.15256E-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	2.85038E-16	9.53674E-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		3.07413E-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_REL		RESI_GLOB_MAXI			
	RHO							

	1		3.06978E-16		8.34465E-07			
	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	2.96209E-16	9.53674E-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	3.16170E-16	8.34465E-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: 0.071 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_RELA		RESI_GLOB_MAXI						
RHO												

	1		2.92663E-16		8.34465E-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	3.20118E-16	8.34465E-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	2.95480E-16	7.15256E-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_RELA | RESI_GLOB_MAXI | |
RHO | |

| 1 | 2.88125E-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		RESIDU		RECH. LINE.	
RECH. LINE.		OPTION						

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		3.07647E-16		7.15256E-07			
	OUI							

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		2.99604E-16		7.15256E-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	3.09236E-16	7.15256E-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: 0.071 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 | 3.04353E-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: 0.071 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 | 2.95058E-16 | 7.15256E-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		3.03596E-16		6.47004E-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		2.91149E-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_REL		RESI_GLOB_MAXI			
RHO								

	1		2.95014E-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	2.96929E-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	3.42343E-16	1.19209E-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_REL		RESI_GLOB_MAXI			
RHO								

	1	3.19039E-16	9.53674E-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_REL	RESI_GLOB_MAXI	
RHO			
1	3.13321E-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		3.05821E-16		7.15256E-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_RELA		RESI_GLOB_MAXI						
RHO												

	1		2.89193E-16		7.15256E-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	3.03401E-16	7.15256E-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	3.00537E-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 | 2.83072E-16 | 7.15256E-07 | |
| 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_RELA	RESI_GLOB_MAXI	
RHO			

1	2.97815E-16	8.34465E-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		2.99565E-16		8.34465E-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	2.96782E-16	5.96046E-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 | 3.03614E-16 | 1.07288E-06 | |
| 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 | 3.04531E-16 | 7.15256E-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		3.10965E-16		7.15256E-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		3.03986E-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_REL		RESI_GLOB_MAXI			
RHO								

	1		3.10374E-16		7.15256E-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	2.91647E-16	8.34465E-07	
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		2.94901E-16		7.15256E-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_REL		RESI_GLOB_MAXI			
	RHO							

	1		2.93285E-16		7.15256E-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		3.07344E-16	9.53674E-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		3.19571E-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: 0.070 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_RELA		RESI_GLOB_MAXI						
RHO												

	1		2.89085E-16		7.15256E-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	2.98435E-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	3.21297E-16	7.15256E-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 | 2.81751E-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_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.82776E-16		7.15256E-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		2.97716E-16		5.96046E-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	3.20618E-16	8.34465E-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 | 3.08125E-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 | 2.84907E-16 | 9.53674E-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_REL		RESI_GLOB_MAXI			
RHO								

	1		3.18845E-16		9.53674E-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):	17.39	3.19	16.62	
#2	Calculs elementaires et assemblages			CPU
(USER+SYST/SYST/ELAPS):	584.32	11.89	584.95	
#3	Dechargement de la memoire sur disque			CPU
(USER+SYST/SYST/ELAPS):	0.11	0.10	0.11	
#4	Communications MPI			CPU
(USER+SYST/SYST/ELAPS):	0.27	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) : 898.12 / 891.49 / 353.74 / 242.99 (VmPeak / VmSize / Optimum / Minimum)

Fin commande #0023 user+syst: 614.48s (syst: 18.93s, elaps: 633.67s)

.._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>

||

1

||

|| List of warnings emitted during the execution of computation.

11

1

11

|| Warnings which you chose to ignore of are preceded by (*).

||

|| Number of occurrences for each warning:

||

|| no warning

11

Concepts de la base: G

Nom	Type	Taille (Mo)	Nombre	Nombre
de			d'objets	segments

TOTAL		164.36	90267
135418			
00000001	FONCTION_SDASTER	0.00	3
3			
00000002	FONCTION_SDASTER	0.00	3
3			
00000003	LISTR8_SDASTER	0.00	6
6			
00000004	FONCTION_SDASTER	0.00	3
3			
00000005	FONCTION_SDASTER	0.00	3
3			
00000006	FONCTION_SDASTER	0.00	4
4			
00000007	MATER_SDASTER	0.00	6
6			
00000008	FONCTION_SDASTER	0.00	3
3			
00000009	MAILLAGE_SDASTER	0.46	38
67			
0000000a	MODELE_SDASTER	0.15	9
14			
0000000b	CHAM_MATER	0.03	9
14			
0000000c	CHAM_NO_SDASTER	0.05	10
12			
0000000d	FORMULE	0.00	4
4			
0000000e	FORMULE	0.00	4
4			
0000000f	FORMULE	0.00	4
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 : 898.12 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 : 898.12 Mo

- COMPREND LA MEMOIRE CONSOMMEE PAR JEVEUX,

LE SUPERVISEUR PYTHON, LES LIBRAIRIES EXTERNES

<I> FIN D'EXECUTION LE : MA-28-JANV-2025 01:35:25

DeprecationWarning: PY_SSIZE_T_CLEAN will be required for '#' formats

libaster.jeux_finalize(options)

Signature of pickled file :

512455fca1a9968ff64644cda4a393aa16589b6e6d523cde1268bc8d8bd6bfd2

Signature of info file :

55b12724a0dfe9a16049e505041298f41b411ac549bdf512da6c05899e012b7e

Signature of Jeux database:

f6de41fc360c602b6e0131b4c8684ad56336bb5b619428023d1d42b953da8b72

* COMMAND	:	USER :	SYSTEM :	USER+SYS :
-----------	---	--------	----------	------------

ELAPSED *

* DEBUT	:	0.03 :	0.19 :	0.22 :	0.35 *
* DEFI_CONSTANTE	:	0.00 :	0.00 :	0.00 :	0.01
*					
* DEFI_CONSTANTE	:	0.00 :	0.00 :	0.00 :	0.00
*					
* DEFI_LIST_REEL	:	0.01 :	0.00 :	0.01 :	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 :	0.00 :	0.00 :	0.00 *
* LIRE_MALLAGE	:	0.01 :	0.01 :	0.02 :	0.03 *
* DEFI_GROUP	:	0.01 :	0.00 :	0.01 :	0.01
*					
* AFFE_MODELE	:	0.01 :	0.00 :	0.01 :	0.04

```

*
* AFFE_MATERIAU      :      0.00 :      0.00 :      0.00 :      0.00
*
* CREA_CHAMP         :      0.00 :      0.00 :      0.00 :      0.01
*
* 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 :      0.00
*
* FORMULE            :      0.00 :      0.00 :      0.00 :      0.00
*
* AFFE_CHAR_THER_F   :      0.01 :      0.00 :      0.01 :      0.01
*
* 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      :     614.48 :     18.93 :     633.41 :     633.67
*
* FIN                :      0.28 :      0.11 :      0.39 :      0.38 *
* . check syntax     :      0.00 :      0.00 :      0.00 :      0.03 *
* . fortran          :     614.47 :     19.13 :     633.60 :     634.03 *

*****

* TOTAL_JOB          :     614.87 :     19.25 :     634.12 :     634.61
*

*****

# Mémoire (Mo) :   898.12 /   677.21 /   353.74 /   242.99 (VmPeak / VmSize /

```

Optimum / Minimum)

Fin commande #0024 user+syst: 0.28s (syst: 0.11s, 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",
        ),
    ),
    MALLAGE=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 : Tue Jan 28 01:35:29 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()

--- Detected export files: ['12.export', '11.export']

--- File 12.export; modtime: 1738028129.102533; comm-file name: sim

--- File 11.export; modtime: 1738028129.102533; comm-file name: post

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) :   880.67 /   877.41 /   344.80 /   222.22 (VmPeak / VmSize /
Optimum / Minimum)

# Fin commande #0001   user+syst:         0.53s (syst:         0.27s, elaps:
0.80s)

# -----
-----

.._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 ('<00000000a>') de type
<Model>

# Dépend de :

# - MESH ('<000000009>') de type <Mesh>

# Mémoire (Mo) :   880.67 /   877.41 /   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_MALLAGE(INFO=1,
                        MALLAGE=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 28/01/2025 A 01:35:30 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_MALLAGE): MESH_PP ('<00000016>') de type
<Mesh>

Dépend de :

- MESH ('<00000009>') de type <Mesh>

Mémoire (Mo) : 880.67 / 878.64 / 345.83 / 222.22 (VmPeak / VmSize /
Optimum / Minimum)

Fin commande #0003 user+syst: 0.02s (syst: 0.00s, 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_JACOBIEN='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) : 941.09 / 940.82 / 375.29 / 233.02 (VmPeak / VmSize /
Optimum / Minimum)

Fin commande #0004 user+syst: 0.01s (syst: 0.02s, elaps:
0.02s)

.._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) : 1032.97 / 1032.97 / 452.32 / 233.02 (VmPeak / VmSize /
Optimum / Minimum)

Fin commande #0005 user+syst: 1.77s (syst: 0.06s, elaps:
1.84s)

.._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) : 1032.97 / 1032.97 / 452.34 / 233.02 (VmPeak / VmSize /
Optimum / Minimum)

Fin commande #0006 user+syst: 0.03s (syst: 0.00s, elaps:
0.04s)

.._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) : 1032.97 / 966.99 / 452.34 / 233.02 (VmPeak / VmSize /

Optimum / Minimum)

Fin commande #0007 user+syst: 8.56s (syst: 1.96s, elaps:
10.54s)

.._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
 ||

14				
	0000000c	CHAM_NO_SDASTER	0.05	10
12				
	0000000d	FORMULE	0.00	4
4				
	0000000e	FORMULE	0.00	4
4				
	0000000f	FORMULE	0.00	4
4				
	00000010	FORMULE	0.00	4
4				
	00000011	CHAR_THER	0.12	31
51				
	00000012	CHAR_THER	0.07	24
34				
	00000013	CHAR_THER	0.03	19
24				
	00000014	LISTR8_SDASTER	0.07	6
6				
	00000016	MAILLAGE_SDASTER	0.42	38
52				
	00000017	MODELE_SDASTER	0.13	9
14				
	00000018	EVOL_THER	74.07	36020
36026				
	&FOZERO		0.00	2
2				
	&&_NUM_C		0.00	1
1				
	&CATA.AC		0.00	2
4				

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 : 1032.97 Mo

<I> FERMETURE DES BASES EFFECTUEE

STATISTIQUES CONCERNANT L'ALLOCATION DYNAMIQUE :

TAILLE CUMULEE MAXIMUM	:	452 Mo.
TAILLE CUMULEE LIBEREE	:	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 : 1032.97 Mo

- COMPREND LA MEMOIRE CONSOMMEE PAR JEVEUX,

LE SUPERVISEUR PYTHON, LES LIBRAIRIES EXTERNES

<I> FIN D'EXECUTION LE : MA-28-JANV-2025 01:35:48

DeprecationWarning: PY_SSIZE_T_CLEAN will be required for '#' formats

libaster.jeux_finalize(options)

Signature of pickled file :

6c9be5d13b9ba4aeb3f3c9138f849293da6782880cd298b73a8bbbdad6929e70

Signature of info file :

8edcbf0b4612acab456993dd980ea26f1cedef031a4489990bf6104e3b16caa5

Signature of Jeux database:

bb6199875b15ede141ba589ae411a50438cf619229c31a9ff523f518036b35c7

* COMMAND : USER : SYSTEM : USER+SYS :

ELAPSED *

* POURSUITE : 0.53 : 0.27 : 0.80 : 0.80

```

*

* MODI_MODELE          :      0.00 :      0.00 :      0.00 :
0.00 *

* CREA_MALLAGE         :      0.02 :      0.00 :      0.02 :      0.02
*

* AFFE_MODELE          :      0.01 :      0.02 :      0.03 :      0.02
*

* EXTR_RESU            :      1.77 :      0.06 :      1.83 :      1.84 *
* DETRUIRE             :      0.03 :      0.00 :      0.03 :      0.04 *
* IMPR_RESU            :      8.56 :      1.96 :      10.52 :      10.54 *
* FIN                  :      0.14 :      0.13 :      0.27 :      0.27 *
* . check syntax       :      0.00 :      0.00 :      0.00 :      0.01 *
* . fortran            :      10.90 :      2.42 :      13.32 :      13.34 *

*****

* TOTAL_JOB            :      11.36 :      6.89 :      18.25 :      18.40
*

*****

# Mémoire (Mo) :  1032.97 /   697.58 /   452.34 /   233.02 (VmPeak / VmSize /
Optimum / Minimum)

# Fin commande #0008   user+syst:      0.14s (syst:      0.13s, elaps:
0.27s)

# -----
-----

End of the Code_Aster execution

Code_Aster MPI exits normally

Exited

EXECUTION_CODE_ASTER_EXIT_11=0

```

