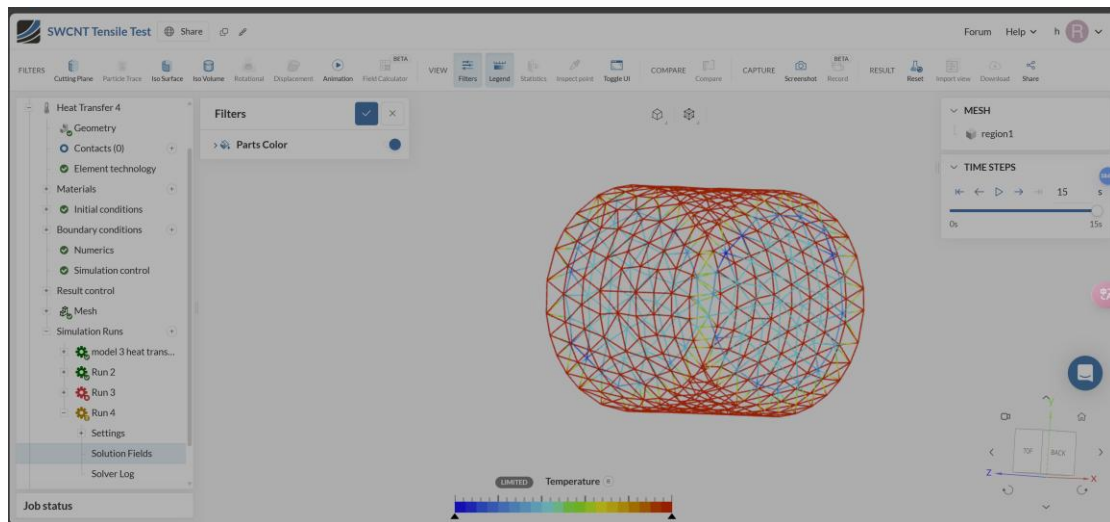


Mesh quality (above)



Solver solution field (above)

Meshing log

SimScale incorporates Simulation Modeling Suite(TM) software by Simmetrix Inc. ©
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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 TEMP at time 1.479500000000e+01 for the sequence number 14795

Field stored COMPORTHER at time 1.479500000000e+01 for the sequence number 14795

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.47960e+01, dernier instant archivé : 1.47960e+01, au numéro d'ordre :

14796

Time of computation: 1.479600000000e+01 - Level of cutting: 1

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

1	2.97268E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.479600000000e+01 for the sequence number 14796

Field stored COMPORTHER at time 1.479600000000e+01 for the sequence number 14796

Time CPU spent in this time step: 0.066 s

14797

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

	1		3.17936E-16		9.53674E-07	
	OUI					

Field stored COMPORTHER at time 1.479700000000e+01 for the sequence number 14797

[98%] Instant calculé : 1.47980e+01, dernier instant archivé : 1.47980e+01, au numéro d'ordre :

14798

Time of computation: 1.479800000000e+01 - 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		3.05779E-16		1.07288E-06			
	OUI							

Filing of the fields

Field stored TEMP at time 1.479800000000e+01 for the sequence number 14798

Field stored COMPORTHER at time 1.479800000000e+01 for the sequence number 14798

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.47990e+01, dernier instant archivé : 1.47990e+01, au numéro d'ordre :

14799

Time of computation: 1.479900000000e+01 - 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	3.33957E-16	9.53674E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.479900000000e+01 for the sequence number 14799

Field stored COMPORTHER at time 1.479900000000e+01 for the sequence number 14799

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48000e+01, dernier instant archivé : 1.48000e+01, au numéro d'ordre :

14800

Time of computation: 1.480000000000e+01 - 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		3.06236E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.480000000000e+01 for the sequence number 14800

Field stored COMPORTHER at time 1.480000000000e+01 for the sequence number 14800

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48010e+01, dernier instant archivé : 1.48010e+01, au numéro d'ordre :

14801

Time of computation: 1.480100000000e+01 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
	COEFFICIENT		ASSEMBLAGE					

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
	RHO							

	1		3.17206E-16		8.82579E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.480100000000e+01 for the sequence number 14801

Field stored COMPORTHER at time 1.480100000000e+01 for the sequence number 14801

Time CPU spent in this time step: 0.065 s

[98%] Instant calculé : 1.48020e+01, dernier instant archivé : 1.48020e+01, au numéro d'ordre :

14802

Time of computation: 1.480200000000e+01 - 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		3.03982E-16	7.15256E-07		
OUI					

Filing of the fields

Field stored TEMP at time 1.480200000000e+01 for the sequence number 14802

Field stored COMPORTHER at time 1.480200000000e+01 for the sequence number 14802

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48030e+01, dernier instant archivé : 1.48030e+01, au numéro

d'ordre :

14803

Time of computation: 1.480300000000e+01 - Level of cutting: 1

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

1	3.25815E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.480300000000e+01 for the sequence number 14803

Field stored COMPORTHER at time 1.480300000000e+01 for the sequence number 14803

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48040e+01, dernier instant archivé : 1.48040e+01, au numéro d'ordre :

14804

Time of computation: 1.480400000000e+01 - Level of cutting: 1

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

	1		3.06133E-16		5.96046E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.480400000000e+01 for the sequence number 14804

Field stored COMPORTHER at time 1.480400000000e+01 for the sequence number 14804

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48050e+01, dernier instant archivé : 1.48050e+01, au numéro d'ordre :

14805

Time of computation: 1.480500000000e+01 - Level of cutting: 1

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

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	3.08489E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.480500000000e+01 for the sequence number 14805

Field stored COMPORTHER at time 1.480500000000e+01 for the sequence number 14805

Time CPU spent in this time step: 0.068 s

[98%] Instant calculé : 1.48060e+01, dernier instant archivé : 1.48060e+01, au numéro d'ordre :

14806

Time of computation: 1.480600000000e+01 - Level of cutting: 1

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

ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	3.05838E-16	9.53674E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.480600000000e+01 for the sequence number 14806

Field stored COMPORTHER at time 1.480600000000e+01 for the sequence number 14806

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48070e+01, dernier instant archivé : 1.48070e+01, au numéro d'ordre :

14807

Time of computation: 1.480700000000e+01 - Level of cutting: 1

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

| 1 | 2.98209E-16 | 5.96046E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 1.480700000000e+01 for the sequence number 14807

Field stored COMPORTHER at time 1.480700000000e+01 for the sequence number

14807

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48080e+01, dernier instant archivé : 1.48080e+01, au numéro d'ordre :

14808

Time of computation: 1.480800000000e+01 - Level of cutting: 1

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

	1		3.25864E-16		1.19209E-06			
	OUI							

Filing of the fields

Field stored TEMP at time 1.480800000000e+01 for the sequence number 14808

Field stored COMPORTHER at time 1.480800000000e+01 for the sequence number 14808

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48090e+01, dernier instant archivé : 1.48090e+01, au numéro d'ordre :

14809

Time of computation: 1.480900000000e+01 - Level of cutting: 1

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

	1		3.10672E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.480900000000e+01 for the sequence number 14809

Field stored COMPORTHER at time 1.480900000000e+01 for the sequence number 14809

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48100e+01, dernier instant archivé : 1.48100e+01, au numéro d'ordre :

14810

Time of computation: 1.481000000000e+01 - Level of cutting: 1

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

1	3.15532E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.481000000000e+01 for the sequence number 14810

Field stored COMPORTHER at time 1.481000000000e+01 for the sequence number 14810

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48110e+01, dernier instant archivé : 1.48110e+01, au numéro d'ordre :

14811

Time of computation: 1.481100000000e+01 - Level of cutting: 1

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

| 1 | 2.94565E-16 | 9.53674E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 1.481100000000e+01 for the sequence number 14811

Field stored COMPORTHER at time 1.481100000000e+01 for the sequence number 14811

Time CPU spent in this time step: 0.065 s

[98%] Instant calculé : 1.48120e+01, dernier instant archivé : 1.48120e+01, au numéro d'ordre :

14812

Time of computation: 1.481200000000e+01 - Level of cutting: 1

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

| 1 | 3.05047E-16 | 9.53674E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 1.481200000000e+01 for the sequence number 14812

Field stored COMPORTHER at time 1.481200000000e+01 for the sequence number 14812

Time CPU spent in this time step: 0.065 s

[98%] Instant calculé : 1.48130e+01, dernier instant archivé : 1.48130e+01, au numéro d'ordre :

14813

Time of computation: 1.481300000000e+01 - Level of cutting: 1

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

	1		3.30534E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.481300000000e+01 for the sequence number 14813

Field stored COMPORTHER at time 1.481300000000e+01 for the sequence number 14813

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48140e+01, dernier instant archivé : 1.48140e+01, au numéro d'ordre :

14814

Time of computation: 1.481400000000e+01 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	3.05303E-16	5.96046E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.481400000000e+01 for the sequence number 14814

Field stored COMPORTHER at time 1.481400000000e+01 for the sequence number 14814

Time CPU spent in this time step: 0.065 s

[98%] Instant calculé : 1.48150e+01, dernier instant archivé : 1.48150e+01, au numéro d'ordre :

14815

Time of computation: 1.481500000000e+01 - 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		2.97406E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.481500000000e+01 for the sequence number 14815

Field stored COMPORTHER at time 1.481500000000e+01 for the sequence number 14815

Time CPU spent in this time step: 0.065 s

[98%] Instant calculé : 1.48160e+01, dernier instant archivé : 1.48160e+01, au numéro d'ordre :

14816

Time of computation: 1.481600000000e+01 - Level of cutting: 1

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

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	3.29871E-16	8.34465E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.481600000000e+01 for the sequence number 14816

Field stored COMPORTHER at time 1.481600000000e+01 for the sequence number 14816

Time CPU spent in this time step: 0.065 s

[98%] Instant calculé : 1.48170e+01, dernier instant archivé : 1.48170e+01, au numéro d'ordre :

14817

Time of computation: 1.481700000000e+01 - Level of cutting: 1

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

	1		3.00865E-16		6.31778E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.481700000000e+01 for the sequence number 14817

Field stored COMPORTHER at time 1.481700000000e+01 for the sequence number 14817

Time CPU spent in this time step: 0.065 s

[98%] Instant calculé : 1.48180e+01, dernier instant archivé : 1.48180e+01, au numéro d'ordre :

14818

Time of computation: 1.481800000000e+01 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
	COEFFICIENT		ASSEMBLAGE					

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
	RHO							

	1		2.98255E-16		5.96046E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.481800000000e+01 for the sequence number 14818

Field stored COMPORTHER at time 1.481800000000e+01 for the sequence number 14818

Time CPU spent in this time step: 0.065 s

[98%] Instant calculé : 1.48190e+01, dernier instant archivé : 1.48190e+01, au numéro d'ordre :

14819

Time of computation: 1.481900000000e+01 - 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		3.00094E-16	5.96046E-07		
OUI					

Filing of the fields

Field stored TEMP at time 1.481900000000e+01 for the sequence number 14819

Field stored COMPORTHER at time 1.481900000000e+01 for the sequence number 14819

Time CPU spent in this time step: 0.065 s

[98%] Instant calculé : 1.48200e+01, dernier instant archivé : 1.48200e+01, au numéro

d'ordre :

14820

Time of computation: 1.482000000000e+01 - Level of cutting: 1

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

1	3.02590E-16	5.96046E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.482000000000e+01 for the sequence number 14820

Field stored COMPORTHER at time 1.482000000000e+01 for the sequence number 14820

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48210e+01, dernier instant archivé : 1.48210e+01, au numéro d'ordre :

14821

Time of computation: 1.482100000000e+01 - Level of cutting: 1

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

	1		3.04419E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.482100000000e+01 for the sequence number 14821

Field stored COMPORTHER at time 1.482100000000e+01 for the sequence number 14821

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48220e+01, dernier instant archivé : 1.48220e+01, au numéro d'ordre :

14822

Time of computation: 1.482200000000e+01 - Level of cutting: 1

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

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	3.14011E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.482200000000e+01 for the sequence number 14822

Field stored COMPORTHER at time 1.482200000000e+01 for the sequence number 14822

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48230e+01, dernier instant archivé : 1.48230e+01, au numéro d'ordre :

14823

Time of computation: 1.482300000000e+01 - Level of cutting: 1

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

ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	3.02105E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.482300000000e+01 for the sequence number 14823

Field stored COMPORTHER at time 1.482300000000e+01 for the sequence number 14823

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48240e+01, dernier instant archivé : 1.48240e+01, au numéro d'ordre :

14824

Time of computation: 1.482400000000e+01 - Level of cutting: 1

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

| 1 | 3.21345E-16 | 7.15256E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 1.482400000000e+01 for the sequence number 14824

Field stored COMPORTHER at time 1.482400000000e+01 for the sequence number

14824

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48250e+01, dernier instant archivé : 1.48250e+01, au numéro d'ordre :

14825

Time of computation: 1.482500000000e+01 - Level of cutting: 1

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

	1		3.00456E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.482500000000e+01 for the sequence number 14825

Field stored COMPORTHER at time 1.482500000000e+01 for the sequence number 14825

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48260e+01, dernier instant archivé : 1.48260e+01, au numéro d'ordre :

14826

Time of computation: 1.482600000000e+01 - Level of cutting: 1

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

	1		3.14339E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.482600000000e+01 for the sequence number 14826

Field stored COMPORTHER at time 1.482600000000e+01 for the sequence number 14826

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48270e+01, dernier instant archivé : 1.48270e+01, au numéro d'ordre :

14827

Time of computation: 1.482700000000e+01 - Level of cutting: 1

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

1	3.10682E-16	8.34465E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.482700000000e+01 for the sequence number 14827

Field stored COMPORTHER at time 1.482700000000e+01 for the sequence number 14827

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48280e+01, dernier instant archivé : 1.48280e+01, au numéro d'ordre :

14828

Time of computation: 1.482800000000e+01 - Level of cutting: 1

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

| 1 | 3.35910E-16 | 6.06425E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 1.482800000000e+01 for the sequence number 14828

Field stored COMPORTHER at time 1.482800000000e+01 for the sequence number 14828

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48290e+01, dernier instant archivé : 1.48290e+01, au numéro d'ordre :

14829

Time of computation: 1.482900000000e+01 - Level of cutting: 1

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

| 1 | 3.10928E-16 | 9.53674E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 1.482900000000e+01 for the sequence number 14829

Field stored COMPORTHER at time 1.482900000000e+01 for the sequence number 14829

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48300e+01, dernier instant archivé : 1.48300e+01, au numéro d'ordre :

14830

Time of computation: 1.483000000000e+01 - Level of cutting: 1

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

	1		2.92071E-16		5.96046E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.483000000000e+01 for the sequence number 14830

Field stored COMPORTHER at time 1.483000000000e+01 for the sequence number 14830

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48310e+01, dernier instant archivé : 1.48310e+01, au numéro d'ordre :

14831

Time of computation: 1.483100000000e+01 - Level of cutting: 1

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

	1		3.03070E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.483100000000e+01 for the sequence number 14831

Field stored COMPORTHER at time 1.483100000000e+01 for the sequence number 14831

Time CPU spent in this time step: 0.065 s

[98%] Instant calculé : 1.48320e+01, dernier instant archivé : 1.48320e+01, au numéro d'ordre :

14832

Time of computation: 1.483200000000e+01 - 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		3.04764E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.483200000000e+01 for the sequence number 14832

Field stored COMPORTHER at time 1.483200000000e+01 for the sequence number 14832

Time CPU spent in this time step: 0.065 s

[98%] Instant calculé : 1.48330e+01, dernier instant archivé : 1.48330e+01, au numéro d'ordre :

14833

Time of computation: 1.483300000000e+01 - Level of cutting: 1

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

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	3.20157E-16	9.53674E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.483300000000e+01 for the sequence number 14833

Field stored COMPORTHER at time 1.483300000000e+01 for the sequence number 14833

Time CPU spent in this time step: 0.065 s

[98%] Instant calculé : 1.48340e+01, dernier instant archivé : 1.48340e+01, au numéro d'ordre :

14834

Time of computation: 1.483400000000e+01 - Level of cutting: 1

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

	1	3.13308E-16	7.15256E-07	
	OUI			

Filing of the fields

Field stored TEMP at time 1.483400000000e+01 for the sequence number 14834

Field stored COMPORTHER at time 1.483400000000e+01 for the sequence number 14834

Time CPU spent in this time step: 0.065 s

[98%] Instant calculé : 1.48350e+01, dernier instant archivé : 1.48350e+01, au numéro d'ordre :

14835

Time of computation: 1.483500000000e+01 - 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	3.09479E-16	7.15256E-07	
	OUI			

Filing of the fields

Field stored TEMP at time 1.483500000000e+01 for the sequence number 14835

Field stored COMPORTHER at time 1.483500000000e+01 for the sequence number 14835

Time CPU spent in this time step: 0.065 s

[98%] Instant calculé : 1.48360e+01, dernier instant archivé : 1.48360e+01, au numéro d'ordre :

14836

Time of computation: 1.483600000000e+01 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	3.05793E-16	9.53674E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.483600000000e+01 for the sequence number 14836

Field stored COMPORTHER at time 1.483600000000e+01 for the sequence number 14836

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48370e+01, dernier instant archivé : 1.48370e+01, au numéro

d'ordre :

14837

Time of computation: 1.483700000000e+01 - Level of cutting: 1

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

1	2.98493E-16	7.57188E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.483700000000e+01 for the sequence number 14837

Field stored COMPORTHER at time 1.483700000000e+01 for the sequence number 14837

Time CPU spent in this time step: 0.065 s

[98%] Instant calculé : 1.48380e+01, dernier instant archivé : 1.48380e+01, au numéro d'ordre :

14838

Time of computation: 1.483800000000e+01 - Level of cutting: 1

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

	1		3.00980E-16		9.53674E-07							
	OUI											

Filing of the fields

Field stored TEMP at time 1.483800000000e+01 for the sequence number 14838

Field stored COMPORTHER at time 1.483800000000e+01 for the sequence number 14838

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48390e+01, dernier instant archivé : 1.48390e+01, au numéro d'ordre :

14839

Time of computation: 1.483900000000e+01 - Level of cutting: 1

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

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	3.15119E-16	5.96046E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.483900000000e+01 for the sequence number 14839

Field stored COMPORTHER at time 1.483900000000e+01 for the sequence number 14839

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48400e+01, dernier instant archivé : 1.48400e+01, au numéro d'ordre :

14840

Time of computation: 1.484000000000e+01 - Level of cutting: 1

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

ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	3.14632E-16	9.53674E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.484000000000e+01 for the sequence number 14840

Field stored COMPORTHER at time 1.484000000000e+01 for the sequence number 14840

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48410e+01, dernier instant archivé : 1.48410e+01, au numéro d'ordre :

14841

Time of computation: 1.484100000000e+01 - Level of cutting: 1

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

| 1 | 3.15883E-16 | 7.15256E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 1.484100000000e+01 for the sequence number 14841

Field stored COMPORTHER at time 1.484100000000e+01 for the sequence number

14841

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48420e+01, dernier instant archivé : 1.48420e+01, au numéro d'ordre :

14842

Time of computation: 1.484200000000e+01 - Level of cutting: 1

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

1	3.19261E-16	9.53674E-07		
OUI				

Filing of the fields

Field stored TEMP at time 1.484200000000e+01 for the sequence number 14842

Field stored COMPORTHER at time 1.484200000000e+01 for the sequence number 14842

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48430e+01, dernier instant archivé : 1.48430e+01, au numéro d'ordre :

14843

Time of computation: 1.484300000000e+01 - Level of cutting: 1

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

	1		3.21932E-16		1.01942E-06			
	OUI							

Filing of the fields

Field stored TEMP at time 1.484300000000e+01 for the sequence number 14843

Field stored COMPORTHER at time 1.484300000000e+01 for the sequence number 14843

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48440e+01, dernier instant archivé : 1.48440e+01, au numéro d'ordre :

14844

Time of computation: 1.484400000000e+01 - Level of cutting: 1

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

1	3.22639E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.484400000000e+01 for the sequence number 14844

Field stored COMPORTHER at time 1.484400000000e+01 for the sequence number 14844

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48450e+01, dernier instant archivé : 1.48450e+01, au numéro d'ordre :

14845

Time of computation: 1.484500000000e+01 - Level of cutting: 1

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

| 1 | 2.99991E-16 | 7.15256E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 1.484500000000e+01 for the sequence number 14845

Field stored COMPORTHER at time 1.484500000000e+01 for the sequence number 14845

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48460e+01, dernier instant archivé : 1.48460e+01, au numéro d'ordre :

14846

Time of computation: 1.484600000000e+01 - Level of cutting: 1

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

| 1 | 3.06576E-16 | 7.15256E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 1.484600000000e+01 for the sequence number 14846

Field stored COMPORTHER at time 1.484600000000e+01 for the sequence number 14846

Time CPU spent in this time step: 0.065 s

[98%] Instant calculé : 1.48470e+01, dernier instant archivé : 1.48470e+01, au numéro d'ordre :

14847

Time of computation: 1.484700000000e+01 - Level of cutting: 1

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

	1		3.07609E-16		8.34465E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.484700000000e+01 for the sequence number 14847

Field stored COMPORTHER at time 1.484700000000e+01 for the sequence number 14847

Time CPU spent in this time step: 0.065 s

[98%] Instant calculé : 1.48480e+01, dernier instant archivé : 1.48480e+01, au numéro d'ordre :

14848

Time of computation: 1.484800000000e+01 - Level of cutting: 1

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

	1		3.38487E-16		1.19209E-06			
	OUI							

Filing of the fields

Field stored TEMP at time 1.484800000000e+01 for the sequence number 14848

Field stored COMPORTHER at time 1.484800000000e+01 for the sequence number 14848

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48490e+01, dernier instant archivé : 1.48490e+01, au numéro d'ordre :

14849

Time of computation: 1.484900000000e+01 - Level of cutting: 1

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

	1		3.19770E-16		1.19209E-06			
	OUI							

Filing of the fields

Field stored TEMP at time 1.484900000000e+01 for the sequence number 14849

Field stored COMPORTHER at time 1.484900000000e+01 for the sequence number 14849

Time CPU spent in this time step: 0.066 s

[98%] Instant calculé : 1.48500e+01, dernier instant archivé : 1.48500e+01, au numéro d'ordre :

14850

Time of computation: 1.485000000000e+01 - Level of cutting: 1

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

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	3.24595E-16	7.87845E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.485000000000e+01 for the sequence number 14850

Field stored COMPORTHER at time 1.485000000000e+01 for the sequence number 14850

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48510e+01, dernier instant archivé : 1.48510e+01, au numéro d'ordre :

14851

Time of computation: 1.485100000000e+01 - Level of cutting: 1

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

	1	3.12689E-16	1.19209E-06	
	OUI			

Filing of the fields

Field stored TEMP at time 1.485100000000e+01 for the sequence number 14851

Field stored COMPORTHER at time 1.485100000000e+01 for the sequence number 14851

Time CPU spent in this time step: 0.067 s

[99%] Instant calculé : 1.48520e+01, dernier instant archivé : 1.48520e+01, au numéro d'ordre :

14852

Time of computation: 1.485200000000e+01 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1	2.95170E-16	9.53674E-07	
	OUI			

Filing of the fields

Field stored TEMP at time 1.485200000000e+01 for the sequence number 14852

Field stored COMPORTHER at time 1.485200000000e+01 for the sequence number 14852

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48530e+01, dernier instant archivé : 1.48530e+01, au numéro d'ordre :

14853

Time of computation: 1.485300000000e+01 - Level of cutting: 1

	NEWTON		RESIDU
	RESIDU		RECH. LINE.
	RECH. LINE.		OPTION
	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		3.02839E-16
	3.02839E-16		7.15256E-07
	7.15256E-07		
	OUI		

Filing of the fields

Field stored TEMP at time 1.485300000000e+01 for the sequence number 14853

Field stored COMPORTHER at time 1.485300000000e+01 for the sequence number 14853

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48540e+01, dernier instant archivé : 1.48540e+01, au numéro

d'ordre :

14854

Time of computation: 1.485400000000e+01 - Level of cutting: 1

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

1	3.07859E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.485400000000e+01 for the sequence number 14854

Field stored COMPORTHER at time 1.485400000000e+01 for the sequence number 14854

Time CPU spent in this time step: 0.067 s

[99%] Instant calculé : 1.48550e+01, dernier instant archivé : 1.48550e+01, au numéro d'ordre :

14855

Time of computation: 1.485500000000e+01 - Level of cutting: 1

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

	1		3.27435E-16		7.15256E-07							
	OUI											

Filing of the fields

Field stored TEMP at time 1.485500000000e+01 for the sequence number 14855

Field stored COMPORTHER at time 1.485500000000e+01 for the sequence number 14855

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48560e+01, dernier instant archivé : 1.48560e+01, au numéro d'ordre :

14856

Time of computation: 1.485600000000e+01 - Level of cutting: 1

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

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	3.06285E-16	5.96046E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.485600000000e+01 for the sequence number 14856

Field stored COMPORTHER at time 1.485600000000e+01 for the sequence number 14856

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48570e+01, dernier instant archivé : 1.48570e+01, au numéro d'ordre :

14857

Time of computation: 1.485700000000e+01 - Level of cutting: 1

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

ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					

	RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO		

1	3.00007E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.485700000000e+01 for the sequence number 14857

Field stored COMPORTHER at time 1.485700000000e+01 for the sequence number 14857

Time CPU spent in this time step: 0.065 s

[99%] Instant calculé : 1.48580e+01, dernier instant archivé : 1.48580e+01, au numéro d'ordre :

14858

Time of computation: 1.485800000000e+01 - 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 | 3.30493E-16 | 1.00187E-06 |
| OUI |

Filing of the fields

Field stored TEMP at time 1.485800000000e+01 for the sequence number 14858

Field stored COMPORTHER at time 1.485800000000e+01 for the sequence number

14858

Time CPU spent in this time step: 0.065 s

[99%] Instant calculé : 1.48590e+01, dernier instant archivé : 1.48590e+01, au numéro d'ordre :

14859

Time of computation: 1.485900000000e+01 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.90272E-16		5.96046E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.485900000000e+01 for the sequence number 14859

Field stored COMPORTHER at time 1.485900000000e+01 for the sequence number 14859

Time CPU spent in this time step: 0.065 s

[99%] Instant calculé : 1.48600e+01, dernier instant archivé : 1.48600e+01, au numéro d'ordre :

14860

Time of computation: 1.486000000000e+01 - Level of cutting: 1

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

	1		3.06802E-16		8.85655E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.486000000000e+01 for the sequence number 14860

Field stored COMPORTHER at time 1.486000000000e+01 for the sequence number 14860

Time CPU spent in this time step: 0.065 s

[99%] Instant calculé : 1.48610e+01, dernier instant archivé : 1.48610e+01, au numéro d'ordre :

14861

Time of computation: 1.486100000000e+01 - Level of cutting: 1

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

1	3.07368E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.486100000000e+01 for the sequence number 14861

Field stored COMPORTHER at time 1.486100000000e+01 for the sequence number 14861

Time CPU spent in this time step: 0.065 s

[99%] Instant calculé : 1.48620e+01, dernier instant archivé : 1.48620e+01, au numéro d'ordre :

14862

Time of computation: 1.486200000000e+01 - Level of cutting: 1

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

| 1 | 2.96935E-16 | 5.96046E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 1.486200000000e+01 for the sequence number 14862

Field stored COMPORTHER at time 1.486200000000e+01 for the sequence number 14862

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48630e+01, dernier instant archivé : 1.48630e+01, au numéro d'ordre :

14863

Time of computation: 1.486300000000e+01 - Level of cutting: 1

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

| 1 | 3.11648E-16 | 8.34465E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 1.486300000000e+01 for the sequence number 14863

Field stored COMPORTHER at time 1.486300000000e+01 for the sequence number 14863

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48640e+01, dernier instant archivé : 1.48640e+01, au numéro d'ordre :

14864

Time of computation: 1.486400000000e+01 - 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		3.18518E-16	8.34465E-07		
OUI					

Filing of the fields

Field stored TEMP at time 1.486400000000e+01 for the sequence number 14864

Field stored COMPORTHER at time 1.486400000000e+01 for the sequence number 14864

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48650e+01, dernier instant archivé : 1.48650e+01, au numéro d'ordre :

14865

Time of computation: 1.486500000000e+01 - Level of cutting: 1

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

	1		3.13226E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.486500000000e+01 for the sequence number 14865

Field stored COMPORTHER at time 1.486500000000e+01 for the sequence number 14865

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48660e+01, dernier instant archivé : 1.48660e+01, au numéro d'ordre :

14866

Time of computation: 1.486600000000e+01 - 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		3.20203E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.486600000000e+01 for the sequence number 14866

Field stored COMPORTHER at time 1.486600000000e+01 for the sequence number 14866

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48670e+01, dernier instant archivé : 1.48670e+01, au numéro d'ordre :

14867

Time of computation: 1.486700000000e+01 - Level of cutting: 1

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

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	3.15984E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.486700000000e+01 for the sequence number 14867

Field stored COMPORTHER at time 1.486700000000e+01 for the sequence number 14867

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48680e+01, dernier instant archivé : 1.48680e+01, au numéro d'ordre :

14868

Time of computation: 1.486800000000e+01 - 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		3.19599E-16		8.34465E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.486800000000e+01 for the sequence number 14868

Field stored COMPORTHER at time 1.486800000000e+01 for the sequence number 14868

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48690e+01, dernier instant archivé : 1.48690e+01, au numéro d'ordre :

14869

Time of computation: 1.486900000000e+01 - 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		3.24540E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.486900000000e+01 for the sequence number 14869

Field stored COMPORTHER at time 1.486900000000e+01 for the sequence number 14869

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48700e+01, dernier instant archivé : 1.48700e+01, au numéro d'ordre :

14870

Time of computation: 1.487000000000e+01 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	3.09884E-16	8.34465E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.487000000000e+01 for the sequence number 14870

Field stored COMPORTHER at time 1.487000000000e+01 for the sequence number 14870

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48710e+01, dernier instant archivé : 1.48710e+01, au numéro

d'ordre :

14871

Time of computation: 1.487100000000e+01 - Level of cutting: 1

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

1	2.86233E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.487100000000e+01 for the sequence number 14871

Field stored COMPORTHER at time 1.487100000000e+01 for the sequence number 14871

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48720e+01, dernier instant archivé : 1.48720e+01, au numéro d'ordre :

14872

Time of computation: 1.487200000000e+01 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.					
RECH. LINE.		OPTION										
	ITERATION		RELATIF		ABSOLU		NB. ITER					
COEFFICIENT		ASSEMBLAGE										
				RESI_GLOB_RELA		RESI_GLOB_MAXI						
RHO												
	1		3.05808E-16		7.15256E-07							
	OUI											

Filing of the fields

Field stored TEMP at time 1.487200000000e+01 for the sequence number 14872

Field stored COMPORTHER at time 1.487200000000e+01 for the sequence number 14872

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48730e+01, dernier instant archivé : 1.48730e+01, au numéro d'ordre :

14873

Time of computation: 1.487300000000e+01 - Level of cutting: 1

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

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	3.20006E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.487300000000e+01 for the sequence number 14873

Field stored COMPORTHER at time 1.487300000000e+01 for the sequence number 14873

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48740e+01, dernier instant archivé : 1.48740e+01, au numéro d'ordre :

14874

Time of computation: 1.487400000000e+01 - Level of cutting: 1

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

ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	3.29811E-16	7.65812E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.487400000000e+01 for the sequence number 14874

Field stored COMPORTHER at time 1.487400000000e+01 for the sequence number 14874

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48750e+01, dernier instant archivé : 1.48750e+01, au numéro d'ordre :

14875

Time of computation: 1.487500000000e+01 - Level of cutting: 1

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

| 1 | 3.04562E-16 | 7.15256E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 1.487500000000e+01 for the sequence number 14875

Field stored COMPORTHER at time 1.487500000000e+01 for the sequence number

14875

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48760e+01, dernier instant archivé : 1.48760e+01, au numéro d'ordre :

14876

Time of computation: 1.487600000000e+01 - Level of cutting: 1

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

	1		3.07945E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.487600000000e+01 for the sequence number 14876

Field stored COMPORTHER at time 1.487600000000e+01 for the sequence number 14876

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48770e+01, dernier instant archivé : 1.48770e+01, au numéro d'ordre :

14877

Time of computation: 1.487700000000e+01 - Level of cutting: 1

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

	1		3.05152E-16		8.34465E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.487700000000e+01 for the sequence number 14877

Field stored COMPORTHER at time 1.487700000000e+01 for the sequence number 14877

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48780e+01, dernier instant archivé : 1.48780e+01, au numéro d'ordre :

14878

Time of computation: 1.487800000000e+01 - Level of cutting: 1

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

1	2.96911E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.487800000000e+01 for the sequence number 14878

Field stored COMPORTHER at time 1.487800000000e+01 for the sequence number 14878

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48790e+01, dernier instant archivé : 1.48790e+01, au numéro d'ordre :

14879

Time of computation: 1.487900000000e+01 - Level of cutting: 1

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

| 1 | 3.15688E-16 | 7.15256E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 1.487900000000e+01 for the sequence number 14879

Field stored COMPORTHER at time 1.487900000000e+01 for the sequence number 14879

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48800e+01, dernier instant archivé : 1.48800e+01, au numéro d'ordre :

14880

Time of computation: 1.488000000000e+01 - Level of cutting: 1

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

| 1 | 3.22165E-16 | 9.53674E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 1.488000000000e+01 for the sequence number 14880

Field stored COMPORTHER at time 1.488000000000e+01 for the sequence number 14880

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48810e+01, dernier instant archivé : 1.48810e+01, au numéro d'ordre :

14881

Time of computation: 1.488100000000e+01 - 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		3.07345E-16		1.19209E-06			
	OUI							

Filing of the fields

Field stored TEMP at time 1.488100000000e+01 for the sequence number 14881

Field stored COMPORTHER at time 1.488100000000e+01 for the sequence number 14881

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48820e+01, dernier instant archivé : 1.48820e+01, au numéro d'ordre :

14882

Time of computation: 1.488200000000e+01 - Level of cutting: 1

NEWTON		RESIDU	RESIDU	RECH. LINE.	
RECH. LINE.		OPTION			
ITERATION		RELATIF	ABSOLU	NB. ITER	
COEFFICIENT		ASSEMBLAGE			
		RESI_GLOB_RELA	RESI_GLOB_MAXI		
RHO					
1		2.89376E-16	8.34465E-07		
OUI					

Filing of the fields

Field stored TEMP at time 1.488200000000e+01 for the sequence number 14882

Field stored COMPORTHER at time 1.488200000000e+01 for the sequence number 14882

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48830e+01, dernier instant archivé : 1.48830e+01, au numéro d'ordre :

14883

Time of computation: 1.488300000000e+01 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.95551E-16		5.96046E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.488300000000e+01 for the sequence number 14883

Field stored COMPORTHER at time 1.488300000000e+01 for the sequence number 14883

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48840e+01, dernier instant archivé : 1.48840e+01, au numéro d'ordre :

14884

Time of computation: 1.488400000000e+01 - 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	3.08329E-16	9.53674E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.488400000000e+01 for the sequence number 14884

Field stored COMPORTHER at time 1.488400000000e+01 for the sequence number 14884

Time CPU spent in this time step: 0.067 s

[99%] Instant calculé : 1.48850e+01, dernier instant archivé : 1.48850e+01, au numéro d'ordre :

14885

Time of computation: 1.488500000000e+01 - 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		3.09568E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.488500000000e+01 for the sequence number 14885

Field stored COMPORTHER at time 1.488500000000e+01 for the sequence number 14885

Time CPU spent in this time step: 0.067 s

[99%] Instant calculé : 1.48860e+01, dernier instant archivé : 1.48860e+01, au numéro d'ordre :

14886

Time of computation: 1.488600000000e+01 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
	COEFFICIENT		ASSEMBLAGE					

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
	RHO							

	1		2.94429E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.488600000000e+01 for the sequence number 14886

Field stored COMPORTHER at time 1.488600000000e+01 for the sequence number 14886

Time CPU spent in this time step: 0.067 s

[99%] Instant calculé : 1.48870e+01, dernier instant archivé : 1.48870e+01, au numéro d'ordre :

14887

Time of computation: 1.488700000000e+01 - Level of cutting: 1

NEWTON		RESIDU	RESIDU	RECH. LINE.	
RECH. LINE.		OPTION			
ITERATION		RELATIF	ABSOLU	NB. ITER	
COEFFICIENT		ASSEMBLAGE			
		RESI_GLOB_RELA	RESI_GLOB_MAXI		
RHO					
1		3.14077E-16	7.15256E-07		
OUI					

Filing of the fields

Field stored TEMP at time 1.488700000000e+01 for the sequence number 14887

Field stored COMPORTHER at time 1.488700000000e+01 for the sequence number 14887

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48880e+01, dernier instant archivé : 1.48880e+01, au numéro

d'ordre :

14888

Time of computation: 1.488800000000e+01 - Level of cutting: 1

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

	1		2.90149E-16		6.65507E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.488800000000e+01 for the sequence number 14888

Field stored COMPORTHER at time 1.488800000000e+01 for the sequence number 14888

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48890e+01, dernier instant archivé : 1.48890e+01, au numéro d'ordre :

14889

Time of computation: 1.488900000000e+01 - Level of cutting: 1

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

	1		2.89880E-16		7.20258E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.488900000000e+01 for the sequence number 14889

Field stored COMPORTHER at time 1.488900000000e+01 for the sequence number 14889

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48900e+01, dernier instant archivé : 1.48900e+01, au numéro d'ordre :

14890

Time of computation: 1.489000000000e+01 - Level of cutting: 1

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

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	3.37962E-16	8.34465E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.489000000000e+01 for the sequence number 14890

Field stored COMPORTHER at time 1.489000000000e+01 for the sequence number 14890

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48910e+01, dernier instant archivé : 1.48910e+01, au numéro d'ordre :

14891

Time of computation: 1.489100000000e+01 - Level of cutting: 1

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

ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	3.13116E-16	8.34465E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.489100000000e+01 for the sequence number 14891

Field stored COMPORTHER at time 1.489100000000e+01 for the sequence number 14891

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48920e+01, dernier instant archivé : 1.48920e+01, au numéro d'ordre :

14892

Time of computation: 1.489200000000e+01 - Level of cutting: 1

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

| 1 | 3.37208E-16 | 1.19209E-06 |
| OUI |

Filing of the fields

Field stored TEMP at time 1.489200000000e+01 for the sequence number 14892

Field stored COMPORTHER at time 1.489200000000e+01 for the sequence number

14892

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48930e+01, dernier instant archivé : 1.48930e+01, au numéro d'ordre :

14893

Time of computation: 1.489300000000e+01 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.95572E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.489300000000e+01 for the sequence number 14893

Field stored COMPORTHER at time 1.489300000000e+01 for the sequence number 14893

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48940e+01, dernier instant archivé : 1.48940e+01, au numéro d'ordre :

14894

Time of computation: 1.489400000000e+01 - Level of cutting: 1

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

	1		2.86627E-16		7.24558E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.489400000000e+01 for the sequence number 14894

Field stored COMPORTHER at time 1.489400000000e+01 for the sequence number 14894

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48950e+01, dernier instant archivé : 1.48950e+01, au numéro d'ordre :

14895

Time of computation: 1.489500000000e+01 - Level of cutting: 1

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

1	3.09820E-16	8.34465E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.489500000000e+01 for the sequence number 14895

Field stored COMPORTHER at time 1.489500000000e+01 for the sequence number 14895

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48960e+01, dernier instant archivé : 1.48960e+01, au numéro d'ordre :

14896

Time of computation: 1.489600000000e+01 - Level of cutting: 1

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

| 1 | 3.35614E-16 | 8.34465E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 1.489600000000e+01 for the sequence number 14896

Field stored COMPORTHER at time 1.489600000000e+01 for the sequence number 14896

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48970e+01, dernier instant archivé : 1.48970e+01, au numéro d'ordre :

14897

Time of computation: 1.489700000000e+01 - Level of cutting: 1

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

| 1 | 3.16566E-16 | 7.15256E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 1.489700000000e+01 for the sequence number 14897

Field stored COMPORTHER at time 1.489700000000e+01 for the sequence number 14897

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48980e+01, dernier instant archivé : 1.48980e+01, au numéro d'ordre :

14898

Time of computation: 1.489800000000e+01 - 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		3.13543E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.489800000000e+01 for the sequence number 14898

Field stored COMPORTHER at time 1.489800000000e+01 for the sequence number 14898

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.48990e+01, dernier instant archivé : 1.48990e+01, au numéro d'ordre :

14899

Time of computation: 1.489900000000e+01 - Level of cutting: 1

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

	1		3.16433E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.489900000000e+01 for the sequence number 14899

Field stored COMPORTHER at time 1.489900000000e+01 for the sequence number 14899

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49000e+01, dernier instant archivé : 1.49000e+01, au numéro d'ordre :

14900

Time of computation: 1.490000000000e+01 - 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		3.21394E-16		1.08493E-06			
	OUI							

Filing of the fields

Field stored TEMP at time 1.490000000000e+01 for the sequence number 14900

Field stored COMPORTHER at time 1.490000000000e+01 for the sequence number 14900

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49010e+01, dernier instant archivé : 1.49010e+01, au numéro d'ordre :

14901

Time of computation: 1.490100000000e+01 - Level of cutting: 1

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

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	3.16709E-16	8.34465E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.490100000000e+01 for the sequence number 14901

Field stored COMPORTHER at time 1.490100000000e+01 for the sequence number 14901

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49020e+01, dernier instant archivé : 1.49020e+01, au numéro d'ordre :

14902

Time of computation: 1.490200000000e+01 - Level of cutting: 1

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

	1		2.95782E-16		5.96046E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.490200000000e+01 for the sequence number 14902

Field stored COMPORTHER at time 1.490200000000e+01 for the sequence number 14902

Time CPU spent in this time step: 0.067 s

[99%] Instant calculé : 1.49030e+01, dernier instant archivé : 1.49030e+01, au numéro d'ordre :

14903

Time of computation: 1.490300000000e+01 - 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		3.02665E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.490300000000e+01 for the sequence number 14903

Field stored COMPORTHER at time 1.490300000000e+01 for the sequence number 14903

Time CPU spent in this time step: 0.067 s

[99%] Instant calculé : 1.49040e+01, dernier instant archivé : 1.49040e+01, au numéro d'ordre :

14904

Time of computation: 1.490400000000e+01 - 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		3.25834E-16	9.53674E-07		
OUI					

Filing of the fields

Field stored TEMP at time 1.490400000000e+01 for the sequence number 14904

Field stored COMPORTHER at time 1.490400000000e+01 for the sequence number 14904

Time CPU spent in this time step: 0.067 s

[99%] Instant calculé : 1.49050e+01, dernier instant archivé : 1.49050e+01, au numéro

d'ordre :

14905

Time of computation: 1.490500000000e+01 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.97260E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.490500000000e+01 for the sequence number 14905

Field stored COMPORTHER at time 1.490500000000e+01 for the sequence number 14905

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49060e+01, dernier instant archivé : 1.49060e+01, au numéro d'ordre :

14906

Time of computation: 1.490600000000e+01 - Level of cutting: 1

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

	1		3.11372E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.490600000000e+01 for the sequence number 14906

Field stored COMPORTHER at time 1.490600000000e+01 for the sequence number 14906

Time CPU spent in this time step: 0.067 s

[99%] Instant calculé : 1.49070e+01, dernier instant archivé : 1.49070e+01, au numéro d'ordre :

14907

Time of computation: 1.490700000000e+01 - Level of cutting: 1

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

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	3.13093E-16	9.53674E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.490700000000e+01 for the sequence number 14907

Field stored COMPORTHER at time 1.490700000000e+01 for the sequence number 14907

Time CPU spent in this time step: 0.067 s

[99%] Instant calculé : 1.49080e+01, dernier instant archivé : 1.49080e+01, au numéro d'ordre :

14908

Time of computation: 1.490800000000e+01 - Level of cutting: 1

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

ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	2.98524E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.490800000000e+01 for the sequence number 14908

Field stored COMPORTHER at time 1.490800000000e+01 for the sequence number 14908

Time CPU spent in this time step: 0.067 s

[99%] Instant calculé : 1.49090e+01, dernier instant archivé : 1.49090e+01, au numéro d'ordre :

14909

Time of computation: 1.490900000000e+01 - Level of cutting: 1

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

| 1 | 3.13213E-16 | 7.15256E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 1.490900000000e+01 for the sequence number 14909

Field stored COMPORTHER at time 1.490900000000e+01 for the sequence number

14909

Time CPU spent in this time step: 0.067 s

[99%] Instant calculé : 1.49100e+01, dernier instant archivé : 1.49100e+01, au numéro d'ordre :

14910

Time of computation: 1.491000000000e+01 - Level of cutting: 1

Time of computation: 1.491000000000e+01 - 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		3.08470E-16
			8.34465E-07
	OUI		

Filing of the fields

Field stored TEMP at time 1.491000000000e+01 for the sequence number 14910

Field stored COMPORTHER at time 1.491000000000e+01 for the sequence number 14910

Time CPU spent in this time step: 0.067 s

[99%] Instant calculé : 1.49110e+01, dernier instant archivé : 1.49110e+01, au numéro d'ordre :

14911

Time of computation: 1.491100000000e+01 - Level of cutting: 1

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

	1		2.98184E-16		8.90788E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.491100000000e+01 for the sequence number 14911

Field stored COMPORTHER at time 1.491100000000e+01 for the sequence number 14911

Time CPU spent in this time step: 0.067 s

[99%] Instant calculé : 1.49120e+01, dernier instant archivé : 1.49120e+01, au numéro d'ordre :

14912

Time of computation: 1.491200000000e+01 - Level of cutting: 1

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

1	3.25221E-16	8.34465E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.491200000000e+01 for the sequence number 14912

Field stored COMPORTHER at time 1.491200000000e+01 for the sequence number 14912

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49130e+01, dernier instant archivé : 1.49130e+01, au numéro d'ordre :

14913

Time of computation: 1.491300000000e+01 - Level of cutting: 1

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

| 1 | 2.95663E-16 | 7.15256E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 1.491300000000e+01 for the sequence number 14913

Field stored COMPORTHER at time 1.491300000000e+01 for the sequence number 14913

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49140e+01, dernier instant archivé : 1.49140e+01, au numéro d'ordre :

14914

Time of computation: 1.491400000000e+01 - Level of cutting: 1

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

| 1 | 3.16079E-16 | 9.53674E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 1.491400000000e+01 for the sequence number 14914

Field stored COMPORTHER at time 1.491400000000e+01 for the sequence number 14914

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49150e+01, dernier instant archivé : 1.49150e+01, au numéro d'ordre :

14915

Time of computation: 1.491500000000e+01 - Level of cutting: 1

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

	1		3.08830E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.491500000000e+01 for the sequence number 14915

Field stored COMPORTHER at time 1.491500000000e+01 for the sequence number 14915

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49160e+01, dernier instant archivé : 1.49160e+01, au numéro d'ordre :

14916

Time of computation: 1.491600000000e+01 - Level of cutting: 1

NEWTON		RESIDU	RESIDU	RECH. LINE.	
RECH. LINE.		OPTION			
ITERATION		RELATIF	ABSOLU	NB. ITER	
COEFFICIENT		ASSEMBLAGE			
		RESI_GLOB_RELA	RESI_GLOB_MAXI		
RHO					
1		3.16494E-16	9.53674E-07		
OUI					

Filing of the fields

Field stored TEMP at time 1.491600000000e+01 for the sequence number 14916

Field stored COMPORTHER at time 1.491600000000e+01 for the sequence number 14916

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49170e+01, dernier instant archivé : 1.49170e+01, au numéro d'ordre :

14917

Time of computation: 1.491700000000e+01 - Level of cutting: 1

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

	1		3.21243E-16		9.09886E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.491700000000e+01 for the sequence number 14917

Field stored COMPORTHER at time 1.491700000000e+01 for the sequence number 14917

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49180e+01, dernier instant archivé : 1.49180e+01, au numéro d'ordre :

14918

Time of computation: 1.491800000000e+01 - Level of cutting: 1

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

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	3.20440E-16	9.53674E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.491800000000e+01 for the sequence number 14918

Field stored COMPORTHER at time 1.491800000000e+01 for the sequence number 14918

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49190e+01, dernier instant archivé : 1.49190e+01, au numéro d'ordre :

14919

Time of computation: 1.491900000000e+01 - Level of cutting: 1

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

	1	3.15366E-16	8.34465E-07	
	OUI			

Filing of the fields

Field stored TEMP at time 1.491900000000e+01 for the sequence number 14919

Field stored COMPORTHER at time 1.491900000000e+01 for the sequence number 14919

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49200e+01, dernier instant archivé : 1.49200e+01, au numéro d'ordre :

14920

Time of computation: 1.492000000000e+01 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1	3.16955E-16	8.34465E-07	
	OUI			

Filing of the fields

Field stored TEMP at time 1.492000000000e+01 for the sequence number 14920

Field stored COMPORTHER at time 1.492000000000e+01 for the sequence number 14920

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49210e+01, dernier instant archivé : 1.49210e+01, au numéro d'ordre :

14921

Time of computation: 1.492100000000e+01 - Level of cutting: 1

NEWTON		RESIDU	RESIDU	RECH. LINE.	
RECH. LINE.		OPTION			
ITERATION		RELATIF	ABSOLU	NB. ITER	
COEFFICIENT		ASSEMBLAGE			
		RESI_GLOB_RELA	RESI_GLOB_MAXI		
RHO					
1		3.16529E-16	7.91354E-07		
OUI					

Filing of the fields

Field stored TEMP at time 1.492100000000e+01 for the sequence number 14921

Field stored COMPORTHER at time 1.492100000000e+01 for the sequence number 14921

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49220e+01, dernier instant archivé : 1.49220e+01, au numéro

d'ordre :

14922

Time of computation: 1.492200000000e+01 - Level of cutting: 1

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

1	3.18056E-16	8.34465E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.492200000000e+01 for the sequence number 14922

Field stored COMPORTHER at time 1.492200000000e+01 for the sequence number 14922

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49230e+01, dernier instant archivé : 1.49230e+01, au numéro d'ordre :

14923

Time of computation: 1.492300000000e+01 - Level of cutting: 1

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

	1		3.31580E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.492300000000e+01 for the sequence number 14923

Field stored COMPORTHER at time 1.492300000000e+01 for the sequence number 14923

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49240e+01, dernier instant archivé : 1.49240e+01, au numéro d'ordre :

14924

Time of computation: 1.492400000000e+01 - Level of cutting: 1

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

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	3.15070E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.492400000000e+01 for the sequence number 14924

Field stored COMPORTHER at time 1.492400000000e+01 for the sequence number 14924

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49250e+01, dernier instant archivé : 1.49250e+01, au numéro d'ordre :

14925

Time of computation: 1.492500000000e+01 - Level of cutting: 1

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

ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	3.16398E-16	7.42616E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.492500000000e+01 for the sequence number 14925

Field stored COMPORTHER at time 1.492500000000e+01 for the sequence number 14925

Time CPU spent in this time step: 0.065 s

[99%] Instant calculé : 1.49260e+01, dernier instant archivé : 1.49260e+01, au numéro d'ordre :

14926

Time of computation: 1.492600000000e+01 - Level of cutting: 1

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

| 1 | 3.29054E-16 | 9.53674E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 1.492600000000e+01 for the sequence number 14926

Field stored COMPORTHER at time 1.492600000000e+01 for the sequence number

14926

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49270e+01, dernier instant archivé : 1.49270e+01, au numéro d'ordre :

14927

Time of computation: 1.492700000000e+01 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.92026E-16		5.96046E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.492700000000e+01 for the sequence number 14927

Field stored COMPORTHER at time 1.492700000000e+01 for the sequence number 14927

Time CPU spent in this time step: 0.067 s

[99%] Instant calculé : 1.49280e+01, dernier instant archivé : 1.49280e+01, au numéro d'ordre :

14928

Time of computation: 1.492800000000e+01 - Level of cutting: 1

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

	1		3.02034E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.492800000000e+01 for the sequence number 14928

Field stored COMPORTHER at time 1.492800000000e+01 for the sequence number 14928

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49290e+01, dernier instant archivé : 1.49290e+01, au numéro d'ordre :

14929

Time of computation: 1.492900000000e+01 - Level of cutting: 1

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

1	3.12361E-16	9.53674E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.492900000000e+01 for the sequence number 14929

Field stored COMPORTHER at time 1.492900000000e+01 for the sequence number 14929

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49300e+01, dernier instant archivé : 1.49300e+01, au numéro d'ordre :

14930

Time of computation: 1.493000000000e+01 - Level of cutting: 1

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

| 1 | 3.31054E-16 | 9.53674E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 1.493000000000e+01 for the sequence number 14930

Field stored COMPORTHER at time 1.493000000000e+01 for the sequence number 14930

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49310e+01, dernier instant archivé : 1.49310e+01, au numéro d'ordre :

14931

Time of computation: 1.493100000000e+01 - Level of cutting: 1

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

| 1 | 3.27997E-16 | 9.53674E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 1.493100000000e+01 for the sequence number 14931

Field stored COMPORTHER at time 1.493100000000e+01 for the sequence number 14931

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49320e+01, dernier instant archivé : 1.49320e+01, au numéro d'ordre :

14932

Time of computation: 1.493200000000e+01 - Level of cutting: 1

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

	1		3.08074E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.493200000000e+01 for the sequence number 14932

Field stored COMPORTHER at time 1.493200000000e+01 for the sequence number 14932

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49330e+01, dernier instant archivé : 1.49330e+01, au numéro d'ordre :

14933

Time of computation: 1.493300000000e+01 - Level of cutting: 1

NEWTON		RESIDU	RESIDU	RECH. LINE.	
RECH. LINE.		OPTION			
ITERATION		RELATIF	ABSOLU	NB. ITER	
COEFFICIENT		ASSEMBLAGE			
		RESI_GLOB_RELA	RESI_GLOB_MAXI		
RHO					
1		3.14299E-16	9.53674E-07		
OUI					

Filing of the fields

Field stored TEMP at time 1.493300000000e+01 for the sequence number 14933

Field stored COMPORTHER at time 1.493300000000e+01 for the sequence number 14933

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49340e+01, dernier instant archivé : 1.49340e+01, au numéro d'ordre :

14934

Time of computation: 1.493400000000e+01 - 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		3.11804E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.493400000000e+01 for the sequence number 14934

Field stored COMPORTHER at time 1.493400000000e+01 for the sequence number 14934

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49350e+01, dernier instant archivé : 1.49350e+01, au numéro d'ordre :

14935

Time of computation: 1.493500000000e+01 - Level of cutting: 1

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

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	3.13186E-16	9.53674E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.493500000000e+01 for the sequence number 14935

Field stored COMPORTHER at time 1.493500000000e+01 for the sequence number 14935

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49360e+01, dernier instant archivé : 1.49360e+01, au numéro d'ordre :

14936

Time of computation: 1.493600000000e+01 - Level of cutting: 1

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

	1		2.92172E-16		5.96046E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.493600000000e+01 for the sequence number 14936

Field stored COMPORTHER at time 1.493600000000e+01 for the sequence number 14936

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49370e+01, dernier instant archivé : 1.49370e+01, au numéro d'ordre :

14937

Time of computation: 1.493700000000e+01 - 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		3.27650E-16		9.06498E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.493700000000e+01 for the sequence number 14937

Field stored COMPORTHER at time 1.493700000000e+01 for the sequence number 14937

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49380e+01, dernier instant archivé : 1.49380e+01, au numéro d'ordre :

14938

Time of computation: 1.493800000000e+01 - 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		2.97554E-16	7.23169E-07		
OUI					

Filing of the fields

Field stored TEMP at time 1.493800000000e+01 for the sequence number 14938

Field stored COMPORTHER at time 1.493800000000e+01 for the sequence number 14938

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49390e+01, dernier instant archivé : 1.49390e+01, au numéro

d'ordre :

14939

Time of computation: 1.493900000000e+01 - Level of cutting: 1

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

1	3.18431E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.493900000000e+01 for the sequence number 14939

Field stored COMPORTHER at time 1.493900000000e+01 for the sequence number 14939

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49400e+01, dernier instant archivé : 1.49400e+01, au numéro d'ordre :

14940

Time of computation: 1.494000000000e+01 - Level of cutting: 1

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

	1		3.18176E-16		1.07288E-06							
	OUI											

Filing of the fields

Field stored TEMP at time 1.494000000000e+01 for the sequence number 14940

Field stored COMPORTHER at time 1.494000000000e+01 for the sequence number 14940

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49410e+01, dernier instant archivé : 1.49410e+01, au numéro d'ordre :

14941

Time of computation: 1.494100000000e+01 - Level of cutting: 1

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

	RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO		

1	3.22203E-16	9.53674E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.494100000000e+01 for the sequence number 14941

Field stored COMPORTHER at time 1.494100000000e+01 for the sequence number 14941

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49420e+01, dernier instant archivé : 1.49420e+01, au numéro d'ordre :

14942

Time of computation: 1.494200000000e+01 - Level of cutting: 1

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

ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					

	RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO		

1	3.15319E-16	8.34465E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.494200000000e+01 for the sequence number 14942

Field stored COMPORTHER at time 1.494200000000e+01 for the sequence number 14942

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49430e+01, dernier instant archivé : 1.49430e+01, au numéro d'ordre :

14943

Time of computation: 1.494300000000e+01 - Level of cutting: 1

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

	1		3.32182E-16		1.19209E-06			
	OUI							

Filing of the fields

Field stored TEMP at time 1.494300000000e+01 for the sequence number 14943

Field stored COMPORTHER at time 1.494300000000e+01 for the sequence number

14943

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49440e+01, dernier instant archivé : 1.49440e+01, au numéro d'ordre :

14944

Time of computation: 1.494400000000e+01 - Level of cutting: 1

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

	1		3.03582E-16		5.96046E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.494400000000e+01 for the sequence number 14944

Field stored COMPORTHER at time 1.494400000000e+01 for the sequence number 14944

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49450e+01, dernier instant archivé : 1.49450e+01, au numéro d'ordre :

14945

Time of computation: 1.494500000000e+01 - Level of cutting: 1

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

	1		3.01757E-16		8.34465E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.494500000000e+01 for the sequence number 14945

Field stored COMPORTHER at time 1.494500000000e+01 for the sequence number 14945

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49460e+01, dernier instant archivé : 1.49460e+01, au numéro d'ordre :

14946

Time of computation: 1.494600000000e+01 - Level of cutting: 1

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

1	3.25775E-16	1.10621E-06	
OUI			

Filing of the fields

Field stored TEMP at time 1.494600000000e+01 for the sequence number 14946

Field stored COMPORTHER at time 1.494600000000e+01 for the sequence number 14946

Time CPU spent in this time step: 0.067 s

[99%] Instant calculé : 1.49470e+01, dernier instant archivé : 1.49470e+01, au numéro d'ordre :

14947

Time of computation: 1.494700000000e+01 - Level of cutting: 1

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

| 1 | 3.07350E-16 | 7.15256E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 1.494700000000e+01 for the sequence number 14947

Field stored COMPORTHER at time 1.494700000000e+01 for the sequence number 14947

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49480e+01, dernier instant archivé : 1.49480e+01, au numéro d'ordre :

14948

Time of computation: 1.494800000000e+01 - Level of cutting: 1

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

| 1 | 3.39265E-16 | 8.34465E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 1.494800000000e+01 for the sequence number 14948

Field stored COMPORTHER at time 1.494800000000e+01 for the sequence number 14948

Time CPU spent in this time step: 0.067 s

[99%] Instant calculé : 1.49490e+01, dernier instant archivé : 1.49490e+01, au numéro d'ordre :

14949

Time of computation: 1.494900000000e+01 - Level of cutting: 1

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

	1		3.14187E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.494900000000e+01 for the sequence number 14949

Field stored COMPORTHER at time 1.494900000000e+01 for the sequence number 14949

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49500e+01, dernier instant archivé : 1.49500e+01, au numéro d'ordre :

14950

Time of computation: 1.495000000000e+01 - Level of cutting: 1

NEWTON		RESIDU	RESIDU	RECH. LINE.	
RECH. LINE.		OPTION			
ITERATION		RELATIF	ABSOLU	NB. ITER	
COEFFICIENT		ASSEMBLAGE			
		RESI_GLOB_RELA	RESI_GLOB_MAXI		
RHO					
1		3.32024E-16	8.34465E-07		
OUI					

Filing of the fields

Field stored TEMP at time 1.495000000000e+01 for the sequence number 14950

Field stored COMPORTHER at time 1.495000000000e+01 for the sequence number 14950

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49510e+01, dernier instant archivé : 1.49510e+01, au numéro d'ordre :

14951

Time of computation: 1.495100000000e+01 - 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		3.11164E-16		5.96046E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.495100000000e+01 for the sequence number 14951

Field stored COMPORTHER at time 1.495100000000e+01 for the sequence number 14951

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49520e+01, dernier instant archivé : 1.49520e+01, au numéro d'ordre :

14952

Time of computation: 1.495200000000e+01 - Level of cutting: 1

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

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	3.32909E-16	1.43051E-06	
OUI			

Filing of the fields

Field stored TEMP at time 1.495200000000e+01 for the sequence number 14952

Field stored COMPORTHER at time 1.495200000000e+01 for the sequence number 14952

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49530e+01, dernier instant archivé : 1.49530e+01, au numéro d'ordre :

14953

Time of computation: 1.495300000000e+01 - Level of cutting: 1

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

	1	3.19948E-16	7.15256E-07	
	OUI			

Filing of the fields

Field stored TEMP at time 1.495300000000e+01 for the sequence number 14953

Field stored COMPORTHER at time 1.495300000000e+01 for the sequence number 14953

Time CPU spent in this time step: 0.067 s

[99%] Instant calculé : 1.49540e+01, dernier instant archivé : 1.49540e+01, au numéro d'ordre :

14954

Time of computation: 1.495400000000e+01 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

		RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO				

	1	2.90782E-16	9.53674E-07	
	OUI			

Filing of the fields

Field stored TEMP at time 1.495400000000e+01 for the sequence number 14954

Field stored COMPORTHER at time 1.495400000000e+01 for the sequence number 14954

Time CPU spent in this time step: 0.067 s

[99%] Instant calculé : 1.49550e+01, dernier instant archivé : 1.49550e+01, au numéro d'ordre :

14955

Time of computation: 1.495500000000e+01 - 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		3.03209E-16	5.96046E-07		
OUI					

Filing of the fields

Field stored TEMP at time 1.495500000000e+01 for the sequence number 14955

Field stored COMPORTHER at time 1.495500000000e+01 for the sequence number 14955

Time CPU spent in this time step: 0.067 s

[99%] Instant calculé : 1.49560e+01, dernier instant archivé : 1.49560e+01, au numéro

d'ordre :

14956

Time of computation: 1.495600000000e+01 - Level of cutting: 1

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

1	3.24479E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.495600000000e+01 for the sequence number 14956

Field stored COMPORTHER at time 1.495600000000e+01 for the sequence number 14956

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49570e+01, dernier instant archivé : 1.49570e+01, au numéro d'ordre :

14957

Time of computation: 1.495700000000e+01 - Level of cutting: 1

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

	1		3.14374E-16		8.34465E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.495700000000e+01 for the sequence number 14957

Field stored COMPORTHER at time 1.495700000000e+01 for the sequence number 14957

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49580e+01, dernier instant archivé : 1.49580e+01, au numéro d'ordre :

14958

Time of computation: 1.495800000000e+01 - Level of cutting: 1

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

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1		3.19198E-16 9.53674E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.495800000000e+01 for the sequence number 14958

Field stored COMPORTHER at time 1.495800000000e+01 for the sequence number 14958

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49590e+01, dernier instant archivé : 1.49590e+01, au numéro d'ordre :

14959

Time of computation: 1.495900000000e+01 - Level of cutting: 1

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

1		3.29902E-16 9.53674E-07						
OUI								

Filing of the fields

Field stored TEMP at time 1.495900000000e+01 for the sequence number 14959

Field stored COMPORTHER at time 1.495900000000e+01 for the sequence number 14959

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49600e+01, dernier instant archivé : 1.49600e+01, au numéro d'ordre :

14960

Time of computation: 1.496000000000e+01 - Level of cutting: 1

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

| 1 | 2.88723E-16 | 7.15256E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 1.496000000000e+01 for the sequence number 14960

Field stored COMPORTHER at time 1.496000000000e+01 for the sequence number

14960

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49610e+01, dernier instant archivé : 1.49610e+01, au numéro d'ordre :

14961

Time of computation: 1.496100000000e+01 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		3.02203E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.496100000000e+01 for the sequence number 14961

Field stored COMPORTHER at time 1.496100000000e+01 for the sequence number 14961

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49620e+01, dernier instant archivé : 1.49620e+01, au numéro d'ordre :

14962

Time of computation: 1.496200000000e+01 - Level of cutting: 1

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

	1		3.20499E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.496200000000e+01 for the sequence number 14962

Field stored COMPORTHER at time 1.496200000000e+01 for the sequence number 14962

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49630e+01, dernier instant archivé : 1.49630e+01, au numéro d'ordre :

14963

Time of computation: 1.496300000000e+01 - Level of cutting: 1

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

1	3.00003E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.496300000000e+01 for the sequence number 14963

Field stored COMPORTHER at time 1.496300000000e+01 for the sequence number 14963

Time CPU spent in this time step: 0.065 s

[99%] Instant calculé : 1.49640e+01, dernier instant archivé : 1.49640e+01, au numéro d'ordre :

14964

Time of computation: 1.496400000000e+01 - Level of cutting: 1

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

| 1 | 2.92072E-16 | 7.15256E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 1.496400000000e+01 for the sequence number 14964

Field stored COMPORTHER at time 1.496400000000e+01 for the sequence number 14964

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49650e+01, dernier instant archivé : 1.49650e+01, au numéro d'ordre :

14965

Time of computation: 1.496500000000e+01 - Level of cutting: 1

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

| 1 | 3.00023E-16 | 7.15256E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 1.496500000000e+01 for the sequence number 14965

Field stored COMPORTHER at time 1.496500000000e+01 for the sequence number 14965

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49660e+01, dernier instant archivé : 1.49660e+01, au numéro d'ordre :

14966

Time of computation: 1.496600000000e+01 - 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		3.05393E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.496600000000e+01 for the sequence number 14966

Field stored COMPORTHER at time 1.496600000000e+01 for the sequence number 14966

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49670e+01, dernier instant archivé : 1.49670e+01, au numéro d'ordre :

14967

Time of computation: 1.496700000000e+01 - Level of cutting: 1

NEWTON		RESIDU	RESIDU	RECH. LINE.	
RECH. LINE.		OPTION			
ITERATION		RELATIF	ABSOLU	NB. ITER	
COEFFICIENT		ASSEMBLAGE			
		RESI_GLOB_RELA	RESI_GLOB_MAXI		
RHO					
1		3.26978E-16	9.53674E-07		
OUI					

Filing of the fields

Field stored TEMP at time 1.496700000000e+01 for the sequence number 14967

Field stored COMPORTHER at time 1.496700000000e+01 for the sequence number 14967

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49680e+01, dernier instant archivé : 1.49680e+01, au numéro d'ordre :

14968

Time of computation: 1.496800000000e+01 - 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		3.21041E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.496800000000e+01 for the sequence number 14968

Field stored COMPORTHER at time 1.496800000000e+01 for the sequence number 14968

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49690e+01, dernier instant archivé : 1.49690e+01, au numéro d'ordre :

14969

Time of computation: 1.496900000000e+01 - Level of cutting: 1

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

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	3.10151E-16	7.98784E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.496900000000e+01 for the sequence number 14969

Field stored COMPORTHER at time 1.496900000000e+01 for the sequence number 14969

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49700e+01, dernier instant archivé : 1.49700e+01, au numéro d'ordre :

14970

Time of computation: 1.497000000000e+01 - Level of cutting: 1

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

	1	3.18771E-16	7.15256E-07	
	OUI			

Filing of the fields

Field stored TEMP at time 1.497000000000e+01 for the sequence number 14970

Field stored COMPORTHER at time 1.497000000000e+01 for the sequence number 14970

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49710e+01, dernier instant archivé : 1.49710e+01, au numéro d'ordre :

14971

Time of computation: 1.497100000000e+01 - 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	3.21008E-16	8.34465E-07	
	OUI			

Filing of the fields

Field stored TEMP at time 1.497100000000e+01 for the sequence number 14971

Field stored COMPORTHER at time 1.497100000000e+01 for the sequence number 14971

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49720e+01, dernier instant archivé : 1.49720e+01, au numéro d'ordre :

14972

Time of computation: 1.497200000000e+01 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	3.22523E-16	8.34465E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.497200000000e+01 for the sequence number 14972

Field stored COMPORTHER at time 1.497200000000e+01 for the sequence number 14972

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49730e+01, dernier instant archivé : 1.49730e+01, au numéro

d'ordre :

14973

Time of computation: 1.497300000000e+01 - Level of cutting: 1

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

1	3.26675E-16	8.34465E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.497300000000e+01 for the sequence number 14973

Field stored COMPORTHER at time 1.497300000000e+01 for the sequence number 14973

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49740e+01, dernier instant archivé : 1.49740e+01, au numéro d'ordre :

14974

Time of computation: 1.497400000000e+01 - Level of cutting: 1

	NEWTON		RESIDU		RESIDU		RECH. LINE.							
RECH. LINE.		OPTION												
	ITERATION		RELATIF		ABSOLU		NB. ITER							
COEFFICIENT		ASSEMBLAGE												
				RESI_GLOB_RELA		RESI_GLOB_MAXI								
RHO														
	1		3.26490E-16		7.15256E-07									
	OUI													

Filing of the fields

Field stored TEMP at time 1.497400000000e+01 for the sequence number 14974

Field stored COMPORTHER at time 1.497400000000e+01 for the sequence number 14974

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49750e+01, dernier instant archivé : 1.49750e+01, au numéro d'ordre :

14975

Time of computation: 1.497500000000e+01 - Level of cutting: 1

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

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	3.14329E-16	8.34465E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.497500000000e+01 for the sequence number 14975

Field stored COMPORTHER at time 1.497500000000e+01 for the sequence number 14975

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49760e+01, dernier instant archivé : 1.49760e+01, au numéro d'ordre :

14976

Time of computation: 1.497600000000e+01 - Level of cutting: 1

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

ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	3.04290E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.497600000000e+01 for the sequence number 14976

Field stored COMPORTHER at time 1.497600000000e+01 for the sequence number 14976

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49770e+01, dernier instant archivé : 1.49770e+01, au numéro d'ordre :

14977

Time of computation: 1.497700000000e+01 - Level of cutting: 1

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

| 1 | 2.99511E-16 | 1.07288E-06 | |
| OUI |

Filing of the fields

Field stored TEMP at time 1.497700000000e+01 for the sequence number 14977

Field stored COMPORTHER at time 1.497700000000e+01 for the sequence number

14977

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49780e+01, dernier instant archivé : 1.49780e+01, au numéro d'ordre :

14978

Time of computation: 1.497800000000e+01 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		3.09789E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.497800000000e+01 for the sequence number 14978

Field stored COMPORTHER at time 1.497800000000e+01 for the sequence number 14978

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49790e+01, dernier instant archivé : 1.49790e+01, au numéro d'ordre :

14979

Time of computation: 1.497900000000e+01 - Level of cutting: 1

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

	1		3.12297E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.497900000000e+01 for the sequence number 14979

Field stored COMPORTHER at time 1.497900000000e+01 for the sequence number 14979

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49800e+01, dernier instant archivé : 1.49800e+01, au numéro d'ordre :

14980

Time of computation: 1.498000000000e+01 - Level of cutting: 1

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

1	3.13181E-16	7.32137E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.498000000000e+01 for the sequence number 14980

Field stored COMPORTHER at time 1.498000000000e+01 for the sequence number 14980

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49810e+01, dernier instant archivé : 1.49810e+01, au numéro d'ordre :

14981

Time of computation: 1.498100000000e+01 - Level of cutting: 1

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

| 1 | 3.21869E-16 | 8.34465E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 1.498100000000e+01 for the sequence number 14981

Field stored COMPORTHER at time 1.498100000000e+01 for the sequence number 14981

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49820e+01, dernier instant archivé : 1.49820e+01, au numéro d'ordre :

14982

Time of computation: 1.498200000000e+01 - Level of cutting: 1

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

| 1 | 3.15426E-16 | 5.96046E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 1.498200000000e+01 for the sequence number 14982

Field stored COMPORTHER at time 1.498200000000e+01 for the sequence number 14982

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49830e+01, dernier instant archivé : 1.49830e+01, au numéro d'ordre :

14983

Time of computation: 1.498300000000e+01 - 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		2.98599E-16		5.96046E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.498300000000e+01 for the sequence number 14983

Field stored COMPORTHER at time 1.498300000000e+01 for the sequence number 14983

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49840e+01, dernier instant archivé : 1.49840e+01, au numéro d'ordre :

14984

Time of computation: 1.498400000000e+01 - Level of cutting: 1

NEWTON		RESIDU	RESIDU	RECH. LINE.	
RECH. LINE.		OPTION			
ITERATION		RELATIF	ABSOLU	NB. ITER	
COEFFICIENT		ASSEMBLAGE			
		RESI_GLOB_RELA	RESI_GLOB_MAXI		
RHO					
1		3.14216E-16	8.34465E-07		
OUI					

Filing of the fields

Field stored TEMP at time 1.498400000000e+01 for the sequence number 14984

Field stored COMPORTHER at time 1.498400000000e+01 for the sequence number 14984

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49850e+01, dernier instant archivé : 1.49850e+01, au numéro d'ordre :

14985

Time of computation: 1.498500000000e+01 - 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		3.17750E-16		7.83367E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.498500000000e+01 for the sequence number 14985

Field stored COMPORTHER at time 1.498500000000e+01 for the sequence number 14985

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49860e+01, dernier instant archivé : 1.49860e+01, au numéro d'ordre :

14986

Time of computation: 1.498600000000e+01 - Level of cutting: 1

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

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	3.10734E-16	6.67326E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.498600000000e+01 for the sequence number 14986

Field stored COMPORTHER at time 1.498600000000e+01 for the sequence number 14986

Time CPU spent in this time step: 0.067 s

[99%] Instant calculé : 1.49870e+01, dernier instant archivé : 1.49870e+01, au numéro d'ordre :

14987

Time of computation: 1.498700000000e+01 - Level of cutting: 1

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

	1		3.02725E-16		6.65908E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.498700000000e+01 for the sequence number 14987

Field stored COMPORTHER at time 1.498700000000e+01 for the sequence number 14987

Time CPU spent in this time step: 0.067 s

[99%] Instant calculé : 1.49880e+01, dernier instant archivé : 1.49880e+01, au numéro d'ordre :

14988

Time of computation: 1.498800000000e+01 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
	COEFFICIENT		ASSEMBLAGE					

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
	RHO							

	1		3.04058E-16		8.34465E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.498800000000e+01 for the sequence number 14988

Field stored COMPORTHER at time 1.498800000000e+01 for the sequence number 14988

Time CPU spent in this time step: 0.067 s

[99%] Instant calculé : 1.49890e+01, dernier instant archivé : 1.49890e+01, au numéro d'ordre :

14989

Time of computation: 1.498900000000e+01 - Level of cutting: 1

NEWTON		RESIDU	RESIDU	RECH. LINE.	
RECH. LINE.		OPTION			
ITERATION		RELATIF	ABSOLU	NB. ITER	
COEFFICIENT		ASSEMBLAGE			
		RESI_GLOB_RELA	RESI_GLOB_MAXI		
RHO					
1		3.03165E-16	9.53674E-07		
OUI					

Filing of the fields

Field stored TEMP at time 1.498900000000e+01 for the sequence number 14989

Field stored COMPORTHER at time 1.498900000000e+01 for the sequence number 14989

Time CPU spent in this time step: 0.067 s

[99%] Instant calculé : 1.49900e+01, dernier instant archivé : 1.49900e+01, au numéro

d'ordre :

14990

Time of computation: 1.499000000000e+01 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		2.86516E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.499000000000e+01 for the sequence number 14990

Field stored COMPORTHER at time 1.499000000000e+01 for the sequence number 14990

Time CPU spent in this time step: 0.067 s

[99%] Instant calculé : 1.49910e+01, dernier instant archivé : 1.49910e+01, au numéro d'ordre :

14991

Time of computation: 1.499100000000e+01 - Level of cutting: 1

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

	1		3.22417E-16		1.14346E-06			
	OUI							

Filing of the fields

Field stored TEMP at time 1.499100000000e+01 for the sequence number 14991

Field stored COMPORTHER at time 1.499100000000e+01 for the sequence number 14991

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49920e+01, dernier instant archivé : 1.49920e+01, au numéro d'ordre :

14992

Time of computation: 1.499200000000e+01 - Level of cutting: 1

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

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	3.11609E-16	7.15256E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.499200000000e+01 for the sequence number 14992

Field stored COMPORTHER at time 1.499200000000e+01 for the sequence number 14992

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49930e+01, dernier instant archivé : 1.49930e+01, au numéro d'ordre :

14993

Time of computation: 1.499300000000e+01 - Level of cutting: 1

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

ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	3.23550E-16	9.53674E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.499300000000e+01 for the sequence number 14993

Field stored COMPORTHER at time 1.499300000000e+01 for the sequence number 14993

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49940e+01, dernier instant archivé : 1.49940e+01, au numéro d'ordre :

14994

Time of computation: 1.499400000000e+01 - Level of cutting: 1

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

| 1 | 3.30872E-16 | 9.53674E-07 | |
| OUI |

Filing of the fields

Field stored TEMP at time 1.499400000000e+01 for the sequence number 14994

Field stored COMPORTHER at time 1.499400000000e+01 for the sequence number

14994

Time CPU spent in this time step: 0.067 s

[99%] Instant calculé : 1.49950e+01, dernier instant archivé : 1.49950e+01, au numéro d'ordre :

14995

Time of computation: 1.499500000000e+01 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		3.20655E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.499500000000e+01 for the sequence number 14995

Field stored COMPORTHER at time 1.499500000000e+01 for the sequence number 14995

Time CPU spent in this time step: 0.067 s

[99%] Instant calculé : 1.49960e+01, dernier instant archivé : 1.49960e+01, au numéro d'ordre :

14996

Time of computation: 1.499600000000e+01 - Level of cutting: 1

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

	1		3.19818E-16		7.15256E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.499600000000e+01 for the sequence number 14996

Field stored COMPORTHER at time 1.499600000000e+01 for the sequence number 14996

Time CPU spent in this time step: 0.067 s

[99%] Instant calculé : 1.49970e+01, dernier instant archivé : 1.49970e+01, au numéro d'ordre :

14997

Time of computation: 1.499700000000e+01 - Level of cutting: 1

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

1	3.27133E-16	9.53674E-07	
OUI			

Filing of the fields

Field stored TEMP at time 1.499700000000e+01 for the sequence number 14997

Field stored COMPORTHER at time 1.499700000000e+01 for the sequence number 14997

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49980e+01, dernier instant archivé : 1.49980e+01, au numéro d'ordre :

14998

Time of computation: 1.499800000000e+01 - Level of cutting: 1

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

| 1 | 3.36539E-16 | 9.53674E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 1.499800000000e+01 for the sequence number 14998

Field stored COMPORTHER at time 1.499800000000e+01 for the sequence number 14998

Time CPU spent in this time step: 0.066 s

[99%] Instant calculé : 1.49990e+01, dernier instant archivé : 1.49990e+01, au numéro d'ordre :

14999

Time of computation: 1.499900000000e+01 - Level of cutting: 1

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

| 1 | 2.94835E-16 | 9.53674E-07 |
| OUI |

Filing of the fields

Field stored TEMP at time 1.499900000000e+01 for the sequence number 14999

Field stored COMPORTHER at time 1.499900000000e+01 for the sequence number 14999

Time CPU spent in this time step: 0.066 s

[100%] Instant calculé : 1.50000e+01, dernier instant archivé : 1.50000e+01, au numéro d'ordre :

15000

Time of computation: 1.500000000000e+01 - Level of cutting: 1

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

	1		3.28977E-16		9.53674E-07			
	OUI							

Filing of the fields

Field stored TEMP at time 1.500000000000e+01 for the sequence number 15000

Field stored COMPORTHER at time 1.500000000000e+01 for the sequence number 15000

Time CPU spent in this time step: 0.066 s

[100%] Instant calculé : 1.50000e+01, dernier instant archivé : 1.50000e+01, au numéro d'ordre :

15000

#1 Resolution des systemes lineaires CPU

(USER+SYST/SYST/ELAPS): 25.87 4.03 25.54

#2 Calculs elementaires et assemblages CPU

(USER+SYST/SYST/ELAPS): 908.05 17.90 908.85

#3 Dechargement de la memoire sur disque CPU

(USER+SYST/SYST/ELAPS): 0.16 0.13 0.16

#4 Communications MPI CPU

(USER+SYST/SYST/ELAPS): 0.39 0.02 0.44

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) : 1033.80 / 1033.80 / 457.95 / 242.80 (VmPeak / VmSize /
Optimum / Minimum)

Fin commande #0023 user+syst: 958.94s (syst: 27.74s, elaps:
987.26s)

.._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		239.07	150267
225414			
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	0.43	38
63			
0000000a	MODELE_SDASTER	0.14	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	0.09	31
34	00000012	CHAR_THER	0.07	24
24	00000013	CHAR_THER	0.03	19
6	00000014	LISTR8_SDASTER	0.11	6
225043	00000015	EVOL_THER	208.10	150029
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 : 509
 Nombre d'enregistrements maximum : 2684354
 Nombre d'enregistrements par fichier : 15728
 Longueur d'enregistrement (octets) : 819200
 Nombre total d'accès en lecture : 896
 Volume des accès en lecture : 700.00 Mo.
 Nombre total d'accès en écriture : 898
 Volume des accès en écriture : 701.56 Mo.
 Nombre d'identificateurs utilisés : 225428
 Taille maximum du répertoire : 256000
 Pourcentage d'utilisation du répertoire : 88 %

Nom de la base : VOLATILE

Nombre d'enregistrements utilisés : 122
 Nombre d'enregistrements maximum : 2684354
 Nombre d'enregistrements par fichier : 15728
 Longueur d'enregistrement (octets) : 819200
 Nombre total d'accès en lecture : 402
 Volume des accès en lecture : 314.06 Mo.
 Nombre total d'accès en écriture : 462
 Volume des accès en écriture : 360.94 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 :
242.80 Mo

<I> <FIN> MEMOIRE JEVEUX OPTIMALE REQUISE POUR L'EXECUTION :
466.48 Mo

<I> <FIN> MAXIMUM DE MEMOIRE UTILISEE PAR LE PROCESSUS LORS DE
L'EXECUTION : 1043.33 Mo

<I> FERMETURE DES BASES EFFECTUEE

STATISTIQUES CONCERNANT L'ALLOCATION DYNAMIQUE :

TAILLE CUMULEE MAXIMUM : 466 Mo.

TAILLE CUMULEE LIBEREE : 11853 Mo.

NOMBRE TOTAL D'ALLOCATIONS : 35846488

NOMBRE TOTAL DE LIBERATIONS : 35846468

APPELS AU MECANISME DE LIBERATION : 7

TAILLE MEMOIRE CUMULEE RECUPEREE : 366 Mo.

VOLUME DES LECTURES : 14 Mo.

VOLUME DES ECRITURES : 216 Mo.

MEMOIRE JEVEUX MINIMALE REQUISE POUR L'EXECUTION : 242.80 Mo

- IMPOSE DE NOMBREUX ACCES DISQUE

- RALENTIT LA VITESSE D'EXECUTION

MEMOIRE JEVEUX OPTIMALE REQUISE POUR L'EXECUTION : 466.48 Mo

- LIMITE LES ACCES DISQUE

- AMELIORE LA VITESSE D'EXECUTION

MAXIMUM DE MEMOIRE UTILISEE PAR LE PROCESSUS : 1043.33 Mo

- COMPREND LA MEMOIRE CONSOMMEE PAR JEVEUX,

LE SUPERVISEUR PYTHON, LES LIBRAIRIES EXTERNES

<I> FIN D'EXECUTION LE : SA-25-JANV-2025 09:00:20

DeprecationWarning: PY_SSIZE_T_CLEAN will be required for '#' formats

libaster.jeux_finalize(options)

Signature of pickled file :

7338f05c321bc1758610e3594044e95ced9664a11081a15351998ba0dd531515

Signature of info file :

55b12724a0dfe9a16049e505041298f41b411ac549bdf512da6c05899e012b7e

Signature of Jeux database:

b1cea0b821266b1a3e8d4d215e0b43b11b852023cc1ae66c719559768d1d5eb2

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

ELAPSED *

* DEBUT	:	0.03 :	0.18 :	0.21 :	0.34 *
* DEFI_CONSTANTE	:	0.00 :	0.00 :	0.00 :	0.00
*					
* DEFI_CONSTANTE	:	0.00 :	0.00 :	0.00 :	0.00
*					
* DEFI_LIST_REEL	:	0.00 :	0.01 :	0.01 :	0.01 *
* CALC_FONCTION	:	0.01 :	0.00 :	0.01 :	0.01
*					
* DEFI_CONSTANTE	:	0.00 :	0.00 :	0.00 :	0.00
*					
* CALC_FONC_INTERP	:	0.00 :	0.00 :	0.00 :	0.00
*					
* DEFI_MATERIAU	:	0.00 :	0.00 :	0.00 :	0.01 *
* LIRE_MALLAGE	:	0.01 :	0.00 :	0.01 :	0.03 *
* DEFI_GROUP	:	0.01 :	0.00 :	0.01 :	0.01
*					
* AFFE_MODELE	:	0.01 :	0.01 :	0.02 :	0.03

```

*
* AFPE_MATERIAU          :      0.00 :      0.00 :      0.00 :      0.01
*
* CREA_CHAMP             :      0.00 :      0.00 :      0.00 :      0.01
*
* FORMULE                 :      0.01 :      0.00 :      0.01 :      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
*
* AFPE_CHAR_THER_F        :      0.00 :      0.00 :      0.00 :      0.01
*
* AFPE_CHAR_THER_F        :      0.01 :      0.00 :      0.01 :      0.00
*
* AFPE_CHAR_THER_F        :      0.00 :      0.00 :      0.00 :      0.01
*
* DEFI_LIST_REEL          :      0.00 :      0.00 :      0.00 :      0.00 *
* THER_NON_LINE           :     958.94 :      27.74 :     986.68 :     987.26
*
* FIN                     :      0.47 :      0.16 :      0.63 :      0.63 *
* . check syntax          :      0.01 :      0.00 :      0.01 :      0.01 *
* . fortran               :     958.98 :      27.99 :     986.97 :     987.70 *

*****

* TOTAL_JOB              :     959.51 :      28.11 :     987.62 :     988.44
*

*****

# Mémoire (Mo) :   1043.33 /    801.62 /    466.48 /    242.80 (VmPeak / VmSize /

```

Optimum / Minimum)

Fin commande #0024 user+syst: 0.47s (syst: 0.16s, elaps:
0.63s)

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 : Sat Jan 25 09:00:29 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()

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	: 509
Nombre d'enregistrements maximum	: 2684354
Nombre d'enregistrements par fichier	: 15728
Longueur d'enregistrement (octets)	: 819200
Nombre d'identificateurs utilisés	: 225428
Taille maximum du répertoire	: 256000
Pourcentage d'utilisation du répertoire	: 88 %

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) :   978.20 /   972.20 /   423.74 /   239.59 (VmPeak / VmSize /
Optimum / Minimum)

# Fin commande #0001   user+syst:           0.93s (syst:           0.71s, elaps:
1.65s)

# -----
-----

.._stg1_txt19

# -----
-----

# Commande #0002 de fort.1, ligne 19

MODEL = MODI_MODELE(DISTRIBUTION=_F(METHODE='CENTRALISE'),
                    MODELE=MODEL,
                    reuse=MODEL)

# Résultat commande #0002 (MODI_MODELE): MODEL ('<0000000a>') de type
<Model>

# Dépend de :

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

# Mémoire (Mo) :   978.20 /   972.19 /   423.74 /   239.59 (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,

```

```

        MAILLAGE=MESH,
        RESTREINT=_F(GROUP_MA='region1',
                      TOUT_GROUP_MA='NON',
                      TOUT_GROUP_NO='NON'))

```

Vérification du maillage.

```

----- MAILLAGE 00000016 - IMPRESSIONS NIVEAU  1 -----
ASTER 15.06.10 CONCEPT 00000016 CALCULE LE 25/01/2025 A 09:00:30 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_MAILLAGE): MESH_PP ('<00000016>') de type
<Mesh>

# Dépend de :

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

# Mémoire (Mo) :   978.20 /   973.12 /   424.75 /   239.59 (VmPeak / VmSize /
Optimum / Minimum)

# Fin commande #0003   user+syst:         0.01s (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_JACOBIE='OUI',  
VERI_NORM_IFS='OUI')
```

Sur les 4005 mailles du maillage 00000016, on a demandé l'affectation de 4005, on a pu en affecter

4005.

Modélisation	Formulation	Type maille	Élément fini	Nombre
3D	_	TETRA4	THER_TETRA4	4005
#2	Calculs elementaires et assemblages			CPU
(USER+SYST/SYST/ELAPS):		0.01	0.01	0.01

Résultat commande #0004 (AFFE_MODELE): MOD_PP ('<00000017>') de type
<Model>

Dépend de :

- MESH_PP ('<00000016>') de type <Mesh>

Mémoire (Mo) : 1035.57 / 1035.38 / 454.21 / 239.59 (VmPeak / VmSize /
Optimum / Minimum)

LISTE DES NOMS DE PARAMETRES:


```

!-----!-----!-----!-----!-----
---!-----!-----!-----!-----!

! NUME_ORDRE !      MODELE      !      CHAMPMAT      !      CARAELEM      !
EXCIT        !      ITER_GLOB      !      PARM_THETA      !      DELTAT        !

!-----!-----!-----!-----!-----
---!-----!-----!-----!-----!

!          0 !      K8      !      K8      !      K8      !
K24        !      |      !      R      !      R      !

!          ... !      ...      !      ...      !      ...      !
...        !      ...      !      ...      !

!      15000 !      K8      !      K8      !      K8      !
K24        !      |      !      R      !      R      !

!-----!-----!-----!-----!-----
---!-----!-----!-----!-----!

#3      Dechargement de la memoire sur disque      CPU
(USER+SYST/SYST/ELAPS):      0.14      0.10      0.15

# Résultat commande #0005 (EXTR_RESU): SIM_PP ('<00000018>') de type
<ThermalResult>

# Dépend de :

# - MOD_PP ('<00000017>') de type <Model>

# Mémoire (Mo) :  1131.61 /  1083.79 /  546.48 /  282.80 (VmPeak / VmSize /
Optimum / Minimum)

# Fin commande #0005      user+syst:      3.00s (syst:      0.32s, elaps:
3.34s)

# -----
-----

.._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) : 1131.61 / 1083.79 / 546.48 / 282.80 (VmPeak / VmSize /
Optimum / Minimum)

Fin commande #0006 user+syst: 0.03s (syst: 0.01s, elaps:
0.03s)

.._stg1_txt71

Commande #0007 de fort.1, ligne 71

IMPR_RESU(FORMAT='MED',

INFO=1,

RESU=_F(IMPR_NOM_VARI='OUI',

INFO_MALLAGE='NON',

NOM_CHAM='TEMP',

NOM_CHAM_MED='temperature',

NOM_CMP='TEMP',

RESULTAT=SIM_PP),

UNITE=80,

VERSION_MED='3.3.1')

Création du fichier au format MED 3.3.1.

Mémoire (Mo) : 1131.61 / 1049.01 / 546.48 / 282.80 (VmPeak / VmSize /
Optimum / Minimum)

Fin commande #0007 user+syst: 14.55s (syst: 3.38s, elaps:

17.94s)

```
# -----  
-----
```

.._stg1_txt84

```
# -----  
-----
```

Commande #0008 de fort.1, ligne 84

```
FIN(INFO_RESU='NON',  
      PROC0='OUI',  
      RETASSAGE='NON')
```

Saving objects...

pi	<class 'float'>
e	<class 'float'>
tau	<class 'float'>
inf	<class 'float'>
nan	<class 'float'>
F_0	<class 'libaster.Function'>
F_1	<class 'libaster.Function'>
F_2	<class 'libaster.ListOfFloats'>
F_3	<class 'libaster.Function'>
F_4	<class 'libaster.Function'>
F_5	<class 'libaster.Function'>
MAT_0	<class 'libaster.Material'>
MATS	<class 'libaster.MaterialField'>
INIT_T	<class 'libaster.FieldOnNodesReal'>
F_6	<class 'libaster.Formula'>
F_7	<class 'libaster.Formula'>

F_8	<class 'libaster.Formula'>
F_9	<class 'libaster.Formula'>
BC_0	<class 'libaster.ThermalLoadFunction'>
BC_1	<class 'libaster.ThermalLoadFunction'>
BC_2	<class 'libaster.ThermalLoadFunction'>
TIMELIST	<class 'libaster.ListOfFloats'>
MESH_PP	<class 'libaster.Mesh'>
MOD_PP	<class 'libaster.Model'>
SIM_PP	<class 'libaster.ThermalResult'>

|| <I> <CATAMESS_89>

||

||

||

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

||

||

||

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

||

|| Number of occurrences for each warning:

||

|| no warning

||

-

Concepts de la base: G

de	Nom	Type	Taille (Mo)	Nombre	Nombre
				d'objets	segments
60466	TOTAL		154.94	60308	
3	00000001	FONCTION_SDASTER	0.00	3	
3	00000002	FONCTION_SDASTER	0.00	3	
6	00000003	LISTR8_SDASTER	0.00	6	
3	00000004	FONCTION_SDASTER	0.00	3	
3	00000005	FONCTION_SDASTER	0.00	3	
4	00000006	FONCTION_SDASTER	0.00	4	
6	00000007	MATER_SDASTER	0.00	6	
3	00000008	FONCTION_SDASTER	0.00	3	
63	00000009	MAILLAGESDASTER	0.43	38	
14	0000000a	MODELE_SDASTER	0.14	9	
14	0000000b	CHAM_MATER	0.03	9	
	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	0.09	31
51				
	00000012	CHAR_THER	0.07	24
34				
	00000013	CHAR_THER	0.03	19
24				
	00000014	LISTR8_SDASTER	0.11	6
6				
	00000016	MAILLAGE_SDASTER	0.42	38
52				
	00000017	MODELE_SDASTER	0.13	9
14				
	00000018	EVOL_THER	123.42	60020
60026				
	&FOZERO		0.00	2
2				
	&&_NUM_C		0.00	1
1				
	&CATA.AC		0.00	2
4				
	&CATA.CL		0.62	1
3				

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 : 683

Nombre d'enregistrements maximum : 2684354

Nombre d'enregistrements par fichier : 15728

Longueur d'enregistrement (octets) : 819200

Nombre total d'accès en lecture : 82402

Volume des accès en lecture : 64376.56 Mo.

Nombre total d'accès en écriture : 71219

Volume des accès en écriture : 55639.84 Mo.

Nombre d'identificateurs utilisés : 285524

Taille maximum du répertoire	:	512000
Pourcentage d'utilisation du répertoire	:	55 %
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 :
282.80 Mo

<I> <FIN> MEMOIRE JEVEUX OPTIMALE REQUISE POUR L'EXECUTION :
546.48 Mo

<I> <FIN> MAXIMUM DE MEMOIRE UTILISEE PAR LE PROCESSUS LORS DE
L'EXECUTION : 1131.61 Mo

<I> FERMETURE DES BASES EFFECTUEE

STATISTIQUES CONCERNANT L'ALLOCATION DYNAMIQUE :

TAILLE CUMULEE MAXIMUM	:	546 Mo.
TAILLE CUMULEE LIBEREE	:	653 Mo.
NOMBRE TOTAL D'ALLOCATIONS	:	4333972
NOMBRE TOTAL DE LIBERATIONS	:	4333972
APPELS AU MECANISME DE LIBERATION	:	1

TAILLE MEMOIRE CUMULEE RECUPEREE : 340 Mo.

VOLUME DES LECTURES : 2 Mo.

VOLUME DES ECRITURES : 93 Mo.

MEMOIRE JEVEUX MINIMALE REQUISE POUR L'EXECUTION : 282.80 Mo

- IMPOSE DE NOMBREUX ACCES DISQUE

- RALENTIT LA VITESSE D'EXECUTION

MEMOIRE JEVEUX OPTIMALE REQUISE POUR L'EXECUTION : 546.48 Mo

- LIMITE LES ACCES DISQUE

- AMELIORE LA VITESSE D'EXECUTION

MAXIMUM DE MEMOIRE UTILISEE PAR LE PROCESSUS : 1131.61 Mo

- COMPREND LA MEMOIRE CONSOMMEE PAR JEVEUX,

LE SUPERVISEUR PYTHON, LES LIBRAIRIES EXTERNES

<I> FIN D'EXECUTION LE : SA-25-JANV-2025 09:01:02

DeprecationWarning: PY_SSIZE_T_CLEAN will be required for '#' formats

libaster.jeux_finalize(options)

Signature of pickled file :

5272b33be58f1b9527d4ef6ce01aa1688fced94075bfd2e85baa8c43c99a2c03

Signature of info file :

8edcbf0b4612acab456993dd980ea26f1cedef031a4489990bf6104e3b16caa5

Signature of Jeux database:

39df6bba86fa6f341982d543eb98dca816d14196cee64cf35f0a828da29fea5f

* COMMAND : USER : SYSTEM : USER+SYS :
ELAPSED *

* POURSUITE : 0.93 : 0.71 : 1.64 : 1.65
*

* MODI_MODELE : 0.00 : 0.00 : 0.00 :

```

0.00 *

* CREA_MALLAGE      :      0.01 :      0.00 :      0.01 :      0.02
*
* AFFE_MODELE       :      0.02 :      0.01 :      0.03 :      0.02
*
* EXTR_RESU         :      3.00 :      0.32 :      3.32 :      3.34 *
* DETRUIRE          :      0.03 :      0.01 :      0.04 :      0.03 *
* IMPR_RESU         :     14.55 :      3.38 :     17.93 :     17.94
*
* FIN               :      0.25 :      0.17 :      0.42 :      0.41 *
* . check syntax    :      0.03 :      0.01 :      0.04 :      0.02 *
* . fortran         :     18.50 :      4.52 :     23.02 :     23.05 *

*****

* TOTAL_JOB         :     19.36 :     12.97 :     32.33 :     32.86
*

*****

# Mémoire (Mo) :  1131.61 /   760.67 /   546.48 /   282.80 (VmPeak / VmSize /
Optimum / Minimum)

# Fin commande #0008   user+syst:      0.25s (syst:      0.17s, elaps:
0.41s)

# -----
-----

End of the Code_Aster execution

Code_Aster MPI exits normally

Exited

EXECUTION_CODE_ASTER_EXIT_12=0

```