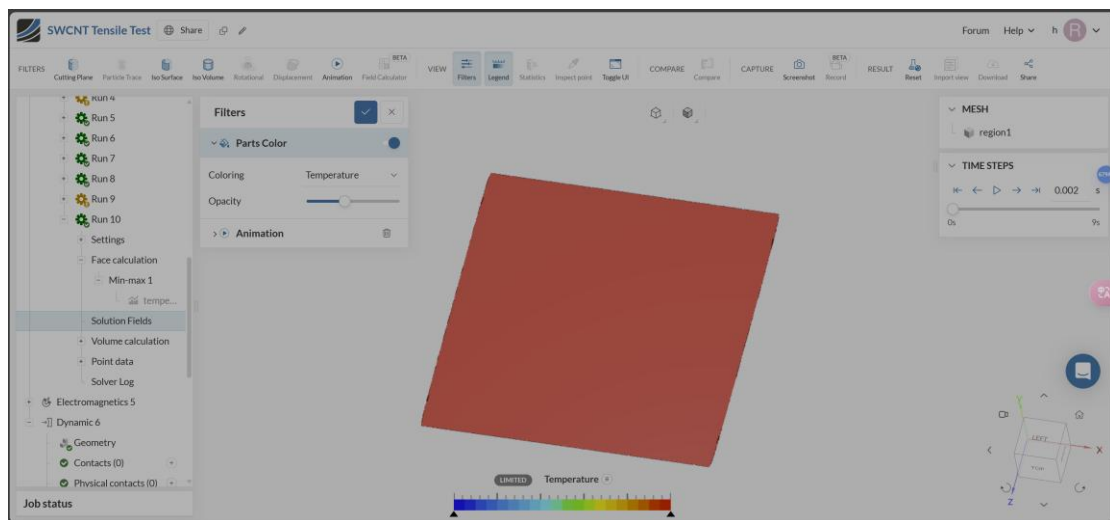


Mesh quality (above)



Solver solution field (above)

Grid logs

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Model import took 1.876678569s.

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

Absolute small feature tolerance: 0.009949998010000407 m.

Surface meshing took 17.951045163s.

Number of cells after 26.926714703s: 372825

Number of cells after 35.90996401s: 289052

Number of cells after 44.882943477s: 288826

Number of cells after 53.859988277s: 288850

Meshing took 57.301308436s. Starting mesh export.

Mesh quality metrics:

Non Orthogonality

Acceptable range: 0.0 to 88.0

min: 4.8

max: 90.0

average: 33.0

99.99-th percentile: 90.0

Edge Ratio

Acceptable range: 0.0 to 100.0

min: 1.0

max: 86.9

average: 1.8

99.99-th percentile: 86.9

Volume Ratio

Acceptable range: 0.0 to 100.0

min: 1.0

max: 3036.0

average: 2.1

99.99-th percentile: 3036.0

Aspect Ratio

Acceptable range: 0.0 to 100.0

min: 6.1

max: 8145.7

average: 11.2

99.99-th percentile: 8145.7

Tetrahedral Aspect Ratio

Acceptable range: 0.0 to 100.0

min: 6.1

max: 8145.7

average: 11.2

99.99-th percentile: 8145.7

Skewness

Acceptable range: 0.0 to 100.0

min: 0.0

max: 27.6

average: 0.3

99.99-th percentile: 27.6

Min Edge Length : 0

Mesh export took 13.393287967s.

Solver logs

Filing of the fields

Field stored TEMP at time 8.624000000000e+00 for the sequence number 4312

Field stored COMPORTHER at time 8.624000000000e+00 for the sequence number 4312

Time CPU spent in this time step: 7.216 s

[95%] Instant calculé : 8.62600e+00, dernier instant archivé : 8.62600e+00, au numéro d'ordre :

4313

Time of computation: 8.626000000000e+00 - Level of cutting: 1

Time of computation: 8.626000000000e+00 - Level of cutting: 1			

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

	1		1.99941E-12
	1.99941E-12		1.59489E-09
	1.59489E-09		
	OUI		

Filing of the fields

Field stored TEMP at time 8.626000000000e+00 for the sequence number 4313

Field stored COMPORTHER at time 8.626000000000e+00 for the sequence number 4313

Time CPU spent in this time step: 7.215 s

[95%] Instant calculé : 8.62800e+00, dernier instant archivé : 8.62800e+00, au numéro d'ordre :

4314

Time of computation: 8.628000000000e+00 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		1.99805E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.628000000000e+00 for the sequence number 4314

Field stored COMPORTHER at time 8.628000000000e+00 for the sequence number 4314

Time CPU spent in this time step: 7.230 s

[95%] Instant calculé : 8.63000e+00, dernier instant archivé : 8.63000e+00, au numéro d'ordre :

4315

Time of computation: 8.630000000000e+00 - Level of cutting: 1

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

	1		1.99883E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.630000000000e+00 for the sequence number 4315

Field stored COMPORTHER at time 8.630000000000e+00 for the sequence number 4315

Time CPU spent in this time step: 7.198 s

[95%] Instant calculé : 8.63200e+00, dernier instant archivé : 8.63200e+00, au numéro d'ordre :

4316

Time of computation: 8.632000000000e+00 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		1.99861E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.632000000000e+00 for the sequence number 4316

Field stored COMPORTHER at time 8.632000000000e+00 for the sequence number 4316

Time CPU spent in this time step: 7.211 s

[95%] Instant calculé : 8.63400e+00, dernier instant archivé : 8.63400e+00, au numéro d'ordre :

4317

Time of computation:	8.634000000000e+00	-	Level of cutting:	1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	1.99878E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.634000000000e+00 for the sequence number 4317

Field stored COMPORTHER at time 8.634000000000e+00 for the sequence number 4317

Time CPU spent in this time step: 7.215 s

[95%] Instant calculé : 8.63600e+00, dernier instant archivé : 8.63600e+00, au numéro d'ordre :

4318

Time of computation: 8.636000000000e+00 - Level of cutting: 1

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

ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	1.99807E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.636000000000e+00 for the sequence number 4318

Field stored COMPORTHER at time 8.636000000000e+00 for the sequence number 4318

Time CPU spent in this time step: 7.240 s

[95%] Instant calculé : 8.63800e+00, dernier instant archivé : 8.63800e+00, au numéro d'ordre :

4319

Time of computation: 8.638000000000e+00 - Level of cutting: 1

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

| 1 | 1.99940E-12 | 1.59489E-09 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.638000000000e+00 for the sequence number 4319

Field stored COMPORTHER at time 8.638000000000e+00 for the sequence number

4319

Time CPU spent in this time step: 7.204 s

[95%] Instant calculé : 8.64000e+00, dernier instant archivé : 8.64000e+00, au numéro d'ordre :

4320

Time of computation: 8.640000000000e+00 - Level of cutting: 1

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

	1		1.99803E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.640000000000e+00 for the sequence number 4320

Field stored COMPORTHER at time 8.640000000000e+00 for the sequence number 4320

Time CPU spent in this time step: 7.209 s

[96%] Instant calculé : 8.64200e+00, dernier instant archivé : 8.64200e+00, au numéro d'ordre :

4321

Time of computation: 8.642000000000e+00 - Level of cutting: 1

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

	1		1.99883E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.642000000000e+00 for the sequence number 4321

Field stored COMPORTHER at time 8.642000000000e+00 for the sequence number 4321

Time CPU spent in this time step: 7.211 s

[96%] Instant calculé : 8.64400e+00, dernier instant archivé : 8.64400e+00, au numéro d'ordre :

4322

Time of computation: 8.644000000000e+00 - Level of cutting: 1

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

1	1.99863E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.644000000000e+00 for the sequence number 4322

Field stored COMPORTHER at time 8.644000000000e+00 for the sequence number 4322

Time CPU spent in this time step: 7.235 s

[96%] Instant calculé : 8.64600e+00, dernier instant archivé : 8.64600e+00, au numéro d'ordre :

4323

Time of computation: 8.646000000000e+00 - Level of cutting: 1

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

| 1 | 1.99878E-12 | 1.59489E-09 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.646000000000e+00 for the sequence number 4323

Field stored COMPORTHER at time 8.646000000000e+00 for the sequence number 4323

Time CPU spent in this time step: 7.234 s

[96%] Instant calculé : 8.64800e+00, dernier instant archivé : 8.64800e+00, au numéro d'ordre :

4324

Time of computation: 8.648000000000e+00 - Level of cutting: 1

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

| 1 | 1.99806E-12 | 1.59489E-09 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.648000000000e+00 for the sequence number 4324

Field stored COMPORTHER at time 8.648000000000e+00 for the sequence number 4324

Time CPU spent in this time step: 7.224 s

[96%] Instant calculé : 8.65000e+00, dernier instant archivé : 8.65000e+00, au numéro d'ordre :

4325

Time of computation: 8.650000000000e+00 - Level of cutting: 1

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

	1		1.99941E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.650000000000e+00 for the sequence number 4325

Field stored COMPORTHER at time 8.650000000000e+00 for the sequence number 4325

Time CPU spent in this time step: 7.241 s

[96%] Instant calculé : 8.65200e+00, dernier instant archivé : 8.65200e+00, au numéro d'ordre :

4326

Time of computation: 8.652000000000e+00 - Level of cutting: 1

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

	1		1.99805E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.652000000000e+00 for the sequence number 4326

Field stored COMPORTHER at time 8.652000000000e+00 for the sequence number 4326

Time CPU spent in this time step: 7.292 s

[96%] Instant calculé : 8.65400e+00, dernier instant archivé : 8.65400e+00, au numéro d'ordre :

4327

Time of computation: 8.654000000000e+00 - Level of cutting: 1

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

	1		1.99883E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.654000000000e+00 for the sequence number 4327

Field stored COMPORTHER at time 8.654000000000e+00 for the sequence number 4327

Time CPU spent in this time step: 7.238 s

[96%] Instant calculé : 8.65600e+00, dernier instant archivé : 8.65600e+00, au numéro d'ordre :

4328

Time of computation: 8.656000000000e+00 - Level of cutting: 1

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

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	1.99861E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.656000000000e+00 for the sequence number 4328

Field stored COMPORTHER at time 8.656000000000e+00 for the sequence number 4328

Time CPU spent in this time step: 7.226 s

[96%] Instant calculé : 8.65800e+00, dernier instant archivé : 8.65800e+00, au numéro d'ordre :

4329

Time of computation: 8.658000000000e+00 - Level of cutting: 1

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

	1		1.99878E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.658000000000e+00 for the sequence number 4329

Field stored COMPORTHER at time 8.658000000000e+00 for the sequence number 4329

Time CPU spent in this time step: 7.221 s

[96%] Instant calculé : 8.66000e+00, dernier instant archivé : 8.66000e+00, au numéro d'ordre :

4330

Time of computation: 8.660000000000e+00 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
	COEFFICIENT		ASSEMBLAGE					

			RESI_GLOB_REL		RESI_GLOB_MAXI			
	RHO							

	1		1.99807E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.660000000000e+00 for the sequence number 4330

Field stored COMPORTHER at time 8.660000000000e+00 for the sequence number 4330

Time CPU spent in this time step: 7.225 s

[96%] Instant calculé : 8.66200e+00, dernier instant archivé : 8.66200e+00, au numéro d'ordre :

4331

Time of computation: 8.662000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	1.99940E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.662000000000e+00 for the sequence number 4331

Field stored COMPORTHER at time 8.662000000000e+00 for the sequence number 4331

Time CPU spent in this time step: 7.212 s

[96%] Instant calculé : 8.66400e+00, dernier instant archivé : 8.66400e+00, au numéro

d'ordre :

4332

Time of computation: 8.664000000000e+00 - Level of cutting: 1

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

1	1.99803E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.664000000000e+00 for the sequence number 4332

Field stored COMPORTHER at time 8.664000000000e+00 for the sequence number 4332

Time CPU spent in this time step: 7.244 s

[96%] Instant calculé : 8.66600e+00, dernier instant archivé : 8.66600e+00, au numéro d'ordre :

4333

Time of computation: 8.666000000000e+00 - Level of cutting: 1

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

	1		1.99883E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.666000000000e+00 for the sequence number 4333

Field stored COMPORTHER at time 8.666000000000e+00 for the sequence number 4333

Time CPU spent in this time step: 7.246 s

[96%] Instant calculé : 8.66800e+00, dernier instant archivé : 8.66800e+00, au numéro d'ordre :

4334

Time of computation: 8.668000000000e+00 - Level of cutting: 1

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

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	1.99863E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.668000000000e+00 for the sequence number 4334

Field stored COMPORTHER at time 8.668000000000e+00 for the sequence number 4334

Time CPU spent in this time step: 7.260 s

[96%] Instant calculé : 8.67000e+00, dernier instant archivé : 8.67000e+00, au numéro d'ordre :

4335

Time of computation: 8.670000000000e+00 - Level of cutting: 1

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

ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	1.99878E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.670000000000e+00 for the sequence number 4335

Field stored COMPORTHER at time 8.670000000000e+00 for the sequence number 4335

Time CPU spent in this time step: 7.257 s

[96%] Instant calculé : 8.67200e+00, dernier instant archivé : 8.67200e+00, au numéro d'ordre :

4336

Time of computation: 8.672000000000e+00 - Level of cutting: 1

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

| 1 | 1.99806E-12 | 1.59489E-09 | |
| OUI |

Filing of the fields

Field stored TEMP at time 8.672000000000e+00 for the sequence number 4336

Field stored COMPORTHER at time 8.672000000000e+00 for the sequence number

4336

Time CPU spent in this time step: 7.254 s

[96%] Instant calculé : 8.67400e+00, dernier instant archivé : 8.67400e+00, au numéro d'ordre :

4337

Time of computation: 8.674000000000e+00 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		1.99941E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.674000000000e+00 for the sequence number 4337

Field stored COMPORTHER at time 8.674000000000e+00 for the sequence number 4337

Time CPU spent in this time step: 7.227 s

[96%] Instant calculé : 8.67600e+00, dernier instant archivé : 8.67600e+00, au numéro d'ordre :

4338

Time of computation: 8.676000000000e+00 - Level of cutting: 1

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

	1		1.99805E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.676000000000e+00 for the sequence number 4338

Field stored COMPORTHER at time 8.676000000000e+00 for the sequence number 4338

Time CPU spent in this time step: 7.212 s

[96%] Instant calculé : 8.67800e+00, dernier instant archivé : 8.67800e+00, au numéro d'ordre :

4339

Time of computation: 8.678000000000e+00 - Level of cutting: 1

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

1	1.99883E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.678000000000e+00 for the sequence number 4339

Field stored COMPORTHER at time 8.678000000000e+00 for the sequence number 4339

Time CPU spent in this time step: 7.238 s

[96%] Instant calculé : 8.68000e+00, dernier instant archivé : 8.68000e+00, au numéro d'ordre :

4340

Time of computation: 8.680000000000e+00 - Level of cutting: 1

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

| 1 | 1.99861E-12 | 1.59489E-09 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.680000000000e+00 for the sequence number 4340

Field stored COMPORTHER at time 8.680000000000e+00 for the sequence number 4340

Time CPU spent in this time step: 7.236 s

[96%] Instant calculé : 8.68200e+00, dernier instant archivé : 8.68200e+00, au numéro d'ordre :

4341

Time of computation: 8.682000000000e+00 - Level of cutting: 1

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

| 1 | 1.99878E-12 | 1.59489E-09 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.682000000000e+00 for the sequence number 4341

Field stored COMPORTHER at time 8.682000000000e+00 for the sequence number 4341

Time CPU spent in this time step: 7.232 s

[96%] Instant calculé : 8.68400e+00, dernier instant archivé : 8.68400e+00, au numéro d'ordre :

4342

Time of computation: 8.684000000000e+00 - Level of cutting: 1

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

	1		1.99807E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.684000000000e+00 for the sequence number 4342

Field stored COMPORTHER at time 8.684000000000e+00 for the sequence number 4342

Time CPU spent in this time step: 7.226 s

[96%] Instant calculé : 8.68600e+00, dernier instant archivé : 8.68600e+00, au numéro d'ordre :

4343

Time of computation: 8.686000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	1.99940E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.686000000000e+00 for the sequence number 4343

Field stored COMPORTHER at time 8.686000000000e+00 for the sequence number 4343

Time CPU spent in this time step: 7.241 s

[96%] Instant calculé : 8.68800e+00, dernier instant archivé : 8.68800e+00, au numéro d'ordre :

4344

Time of computation: 8.688000000000e+00 - Level of cutting: 1

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

	1		1.99803E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.688000000000e+00 for the sequence number 4344

Field stored COMPORTHER at time 8.688000000000e+00 for the sequence number 4344

Time CPU spent in this time step: 7.207 s

[96%] Instant calculé : 8.69000e+00, dernier instant archivé : 8.69000e+00, au numéro d'ordre :

4345

Time of computation: 8.690000000000e+00 - Level of cutting: 1

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

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	1.99883E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.690000000000e+00 for the sequence number 4345

Field stored COMPORTHER at time 8.690000000000e+00 for the sequence number 4345

Time CPU spent in this time step: 7.229 s

[96%] Instant calculé : 8.69200e+00, dernier instant archivé : 8.69200e+00, au numéro d'ordre :

4346

Time of computation: 8.692000000000e+00 - Level of cutting: 1

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

	1		1.99863E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.692000000000e+00 for the sequence number 4346

Field stored COMPORTHER at time 8.692000000000e+00 for the sequence number 4346

Time CPU spent in this time step: 7.230 s

[96%] Instant calculé : 8.69400e+00, dernier instant archivé : 8.69400e+00, au numéro d'ordre :

4347

Time of computation: 8.694000000000e+00 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
	COEFFICIENT		ASSEMBLAGE					

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
	RHO							

	1		1.99878E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.694000000000e+00 for the sequence number 4347

Field stored COMPORTHER at time 8.694000000000e+00 for the sequence number 4347

Time CPU spent in this time step: 7.246 s

[96%] Instant calculé : 8.69600e+00, dernier instant archivé : 8.69600e+00, au numéro d'ordre :

4348

Time of computation: 8.696000000000e+00 - Level of cutting: 1

NEWTON		RESIDU	RESIDU	RECH. LINE.	
RECH. LINE.		OPTION			
ITERATION		RELATIF	ABSOLU	NB. ITER	
COEFFICIENT		ASSEMBLAGE			
		RESI_GLOB_REL	RESI_GLOB_MAXI		
RHO					
1		1.99806E-12	1.59489E-09		
OUI					

Filing of the fields

Field stored TEMP at time 8.696000000000e+00 for the sequence number 4348

Field stored COMPORTHER at time 8.696000000000e+00 for the sequence number 4348

Time CPU spent in this time step: 7.242 s

[96%] Instant calculé : 8.69800e+00, dernier instant archivé : 8.69800e+00, au numéro

d'ordre :

4349

Time of computation: 8.698000000000e+00 - Level of cutting: 1

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

1	1.99941E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.698000000000e+00 for the sequence number 4349

Field stored COMPORTHER at time 8.698000000000e+00 for the sequence number 4349

Time CPU spent in this time step: 7.284 s

[96%] Instant calculé : 8.70000e+00, dernier instant archivé : 8.70000e+00, au numéro d'ordre :

4350

Time of computation: 8.700000000000e+00 - Level of cutting: 1

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

	1		1.99805E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.700000000000e+00 for the sequence number 4350

Field stored COMPORTHER at time 8.700000000000e+00 for the sequence number 4350

Time CPU spent in this time step: 7.239 s

[96%] Instant calculé : 8.70200e+00, dernier instant archivé : 8.70200e+00, au numéro d'ordre :

4351

Time of computation: 8.702000000000e+00 - Level of cutting: 1

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

	RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO		

1	1.99883E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.702000000000e+00 for the sequence number 4351

Field stored COMPORTHER at time 8.702000000000e+00 for the sequence number 4351

Time CPU spent in this time step: 7.232 s

[96%] Instant calculé : 8.70400e+00, dernier instant archivé : 8.70400e+00, au numéro d'ordre :

4352

Time of computation: 8.704000000000e+00 - Level of cutting: 1

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

ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					

	RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO		

1	1.99861E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.704000000000e+00 for the sequence number 4352

Field stored COMPORTHER at time 8.704000000000e+00 for the sequence number 4352

Time CPU spent in this time step: 7.246 s

[96%] Instant calculé : 8.70600e+00, dernier instant archivé : 8.70600e+00, au numéro d'ordre :

4353

Time of computation: 8.706000000000e+00 - Level of cutting: 1

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

| 1 | 1.99878E-12 | 1.59489E-09 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.706000000000e+00 for the sequence number 4353

Field stored COMPORTHER at time 8.706000000000e+00 for the sequence number

4353

Time CPU spent in this time step: 7.266 s

[96%] Instant calculé : 8.70800e+00, dernier instant archivé : 8.70800e+00, au numéro d'ordre :

4354

Time of computation: 8.708000000000e+00 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		1.99807E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.708000000000e+00 for the sequence number 4354

Field stored COMPORTHER at time 8.708000000000e+00 for the sequence number 4354

Time CPU spent in this time step: 7.232 s

[96%] Instant calculé : 8.71000e+00, dernier instant archivé : 8.71000e+00, au numéro d'ordre :

4355

Time of computation: 8.710000000000e+00 - Level of cutting: 1

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

	1		1.99940E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.710000000000e+00 for the sequence number 4355

Field stored COMPORTHER at time 8.710000000000e+00 for the sequence number 4355

Time CPU spent in this time step: 7.234 s

[96%] Instant calculé : 8.71200e+00, dernier instant archivé : 8.71200e+00, au numéro d'ordre :

4356

Time of computation: 8.712000000000e+00 - Level of cutting: 1

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

1	1.99803E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.712000000000e+00 for the sequence number 4356

Field stored COMPORTHER at time 8.712000000000e+00 for the sequence number 4356

Time CPU spent in this time step: 7.221 s

[96%] Instant calculé : 8.71400e+00, dernier instant archivé : 8.71400e+00, au numéro d'ordre :

4357

Time of computation: 8.714000000000e+00 - Level of cutting: 1

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

| 1 | 1.99883E-12 | 1.59489E-09 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.714000000000e+00 for the sequence number 4357

Field stored COMPORTHER at time 8.714000000000e+00 for the sequence number 4357

Time CPU spent in this time step: 7.219 s

[96%] Instant calculé : 8.71600e+00, dernier instant archivé : 8.71600e+00, au numéro d'ordre :

4358

Time of computation: 8.716000000000e+00 - Level of cutting: 1

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

| 1 | 1.99863E-12 | 1.59489E-09 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.716000000000e+00 for the sequence number 4358

Field stored COMPORTHER at time 8.716000000000e+00 for the sequence number 4358

Time CPU spent in this time step: 7.227 s

[96%] Instant calculé : 8.71800e+00, dernier instant archivé : 8.71800e+00, au numéro d'ordre :

4359

Time of computation: 8.718000000000e+00 - Level of cutting: 1

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

	1		1.99878E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.718000000000e+00 for the sequence number 4359

Field stored COMPORTHER at time 8.718000000000e+00 for the sequence number 4359

Time CPU spent in this time step: 7.247 s

[96%] Instant calculé : 8.72000e+00, dernier instant archivé : 8.72000e+00, au numéro d'ordre :

4360

Time of computation: 8.720000000000e+00 - Level of cutting: 1

NEWTON		RESIDU	RESIDU	RECH. LINE.	
RECH. LINE.		OPTION			
ITERATION		RELATIF	ABSOLU	NB. ITER	
COEFFICIENT		ASSEMBLAGE			
		RESI_GLOB_RELA	RESI_GLOB_MAXI		
RHO					
1		1.99806E-12	1.59489E-09		
OUI					

Filing of the fields

Field stored TEMP at time 8.720000000000e+00 for the sequence number 4360

Field stored COMPORTHER at time 8.720000000000e+00 for the sequence number 4360

Time CPU spent in this time step: 7.234 s

[96%] Instant calculé : 8.72200e+00, dernier instant archivé : 8.72200e+00, au numéro d'ordre :

4361

Time of computation: 8.722000000000e+00 - Level of cutting: 1

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

	1		1.99941E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.722000000000e+00 for the sequence number 4361

Field stored COMPORTHER at time 8.722000000000e+00 for the sequence number 4361

Time CPU spent in this time step: 7.204 s

[96%] Instant calculé : 8.72400e+00, dernier instant archivé : 8.72400e+00, au numéro d'ordre :

4362

Time of computation: 8.724000000000e+00 - Level of cutting: 1

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

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	1.99805E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.724000000000e+00 for the sequence number 4362

Field stored COMPORTHER at time 8.724000000000e+00 for the sequence number 4362

Time CPU spent in this time step: 7.213 s

[96%] Instant calculé : 8.72600e+00, dernier instant archivé : 8.72600e+00, au numéro d'ordre :

4363

Time of computation: 8.726000000000e+00 - Level of cutting: 1

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

	1		1.99883E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.726000000000e+00 for the sequence number 4363

Field stored COMPORTHER at time 8.726000000000e+00 for the sequence number 4363

Time CPU spent in this time step: 7.198 s

[96%] Instant calculé : 8.72800e+00, dernier instant archivé : 8.72800e+00, au numéro d'ordre :

4364

Time of computation: 8.728000000000e+00 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
	COEFFICIENT		ASSEMBLAGE					

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
	RHO							

	1		1.99861E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.728000000000e+00 for the sequence number 4364

Field stored COMPORTHER at time 8.728000000000e+00 for the sequence number 4364

Time CPU spent in this time step: 7.230 s

[96%] Instant calculé : 8.73000e+00, dernier instant archivé : 8.73000e+00, au numéro d'ordre :

4365

Time of computation: 8.730000000000e+00 - Level of cutting: 1

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

	1		1.99878E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.730000000000e+00 for the sequence number 4365

Field stored COMPORTHER at time 8.730000000000e+00 for the sequence number 4365

Time CPU spent in this time step: 7.218 s

[97%] Instant calculé : 8.73200e+00, dernier instant archivé : 8.73200e+00, au numéro

d'ordre :

4366

Time of computation: 8.732000000000e+00 - Level of cutting: 1

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

1	1.99807E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.732000000000e+00 for the sequence number 4366

Field stored COMPORTHER at time 8.732000000000e+00 for the sequence number 4366

Time CPU spent in this time step: 7.219 s

[97%] Instant calculé : 8.73400e+00, dernier instant archivé : 8.73400e+00, au numéro d'ordre :

4367

Time of computation: 8.734000000000e+00 - Level of cutting: 1

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

	1		1.99940E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.734000000000e+00 for the sequence number 4367

Field stored COMPORTHER at time 8.734000000000e+00 for the sequence number 4367

Time CPU spent in this time step: 7.212 s

[97%] Instant calculé : 8.73600e+00, dernier instant archivé : 8.73600e+00, au numéro d'ordre :

4368

Time of computation: 8.736000000000e+00 - Level of cutting: 1

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

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	1.99803E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.736000000000e+00 for the sequence number 4368

Field stored COMPORTHER at time 8.736000000000e+00 for the sequence number 4368

Time CPU spent in this time step: 7.223 s

[97%] Instant calculé : 8.73800e+00, dernier instant archivé : 8.73800e+00, au numéro d'ordre :

4369

Time of computation: 8.738000000000e+00 - Level of cutting: 1

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

ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	1.99883E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.738000000000e+00 for the sequence number 4369

Field stored COMPORTHER at time 8.738000000000e+00 for the sequence number 4369

Time CPU spent in this time step: 7.218 s

[97%] Instant calculé : 8.74000e+00, dernier instant archivé : 8.74000e+00, au numéro d'ordre :

4370

Time of computation: 8.740000000000e+00 - Level of cutting: 1

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

| 1 | 1.99863E-12 | 1.59489E-09 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.740000000000e+00 for the sequence number 4370

Field stored COMPORTHER at time 8.740000000000e+00 for the sequence number

4370

Time CPU spent in this time step: 7.204 s

[97%] Instant calculé : 8.74200e+00, dernier instant archivé : 8.74200e+00, au numéro d'ordre :

4371

Time of computation: 8.742000000000e+00 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		1.99878E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.742000000000e+00 for the sequence number 4371

Field stored COMPORTHER at time 8.742000000000e+00 for the sequence number 4371

Time CPU spent in this time step: 7.201 s

[97%] Instant calculé : 8.74400e+00, dernier instant archivé : 8.74400e+00, au numéro d'ordre :

4372

Time of computation: 8.744000000000e+00 - Level of cutting: 1

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

	1		1.99806E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.744000000000e+00 for the sequence number 4372

Field stored COMPORTHER at time 8.744000000000e+00 for the sequence number 4372

Time CPU spent in this time step: 7.251 s

[97%] Instant calculé : 8.74600e+00, dernier instant archivé : 8.74600e+00, au numéro d'ordre :

4373

Time of computation: 8.746000000000e+00 - Level of cutting: 1

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

1	1.99941E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.746000000000e+00 for the sequence number 4373

Field stored COMPORTHER at time 8.746000000000e+00 for the sequence number 4373

Time CPU spent in this time step: 7.208 s

[97%] Instant calculé : 8.74800e+00, dernier instant archivé : 8.74800e+00, au numéro d'ordre :

4374

Time of computation: 8.748000000000e+00 - Level of cutting: 1

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

| 1 | 1.99804E-12 | 1.59489E-09 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.748000000000e+00 for the sequence number 4374

Field stored COMPORTHER at time 8.748000000000e+00 for the sequence number 4374

Time CPU spent in this time step: 7.212 s

[97%] Instant calculé : 8.75000e+00, dernier instant archivé : 8.75000e+00, au numéro d'ordre :

4375

Time of computation: 8.750000000000e+00 - Level of cutting: 1

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

| 1 | 1.99882E-12 | 1.59489E-09 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.750000000000e+00 for the sequence number 4375

Field stored COMPORTHER at time 8.750000000000e+00 for the sequence number 4375

Time CPU spent in this time step: 7.194 s

[97%] Instant calculé : 8.75200e+00, dernier instant archivé : 8.75200e+00, au numéro d'ordre :

4376

Time of computation: 8.752000000000e+00 - Level of cutting: 1

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

	1		1.99861E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.752000000000e+00 for the sequence number 4376

Field stored COMPORTHER at time 8.752000000000e+00 for the sequence number 4376

Time CPU spent in this time step: 7.259 s

[97%] Instant calculé : 8.75400e+00, dernier instant archivé : 8.75400e+00, au numéro d'ordre :

4377

Time of computation: 8.754000000000e+00 - Level of cutting: 1

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

	1		1.99878E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.754000000000e+00 for the sequence number 4377

Field stored COMPORTHER at time 8.754000000000e+00 for the sequence number 4377

Time CPU spent in this time step: 7.218 s

[97%] Instant calculé : 8.75600e+00, dernier instant archivé : 8.75600e+00, au numéro d'ordre :

4378

Time of computation: 8.756000000000e+00 - Level of cutting: 1

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

	1		1.99807E-12
	1.99807E-12		1.59489E-09
	1.59489E-09		
	OUI		

Filing of the fields

Field stored TEMP at time 8.756000000000e+00 for the sequence number 4378

Field stored COMPORTHER at time 8.756000000000e+00 for the sequence number 4378

Time CPU spent in this time step: 7.207 s

[97%] Instant calculé : 8.75800e+00, dernier instant archivé : 8.75800e+00, au numéro d'ordre :

4379

Time of computation: 8.758000000000e+00 - Level of cutting: 1

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

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	1.99940E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.758000000000e+00 for the sequence number 4379

Field stored COMPORTHER at time 8.758000000000e+00 for the sequence number 4379

Time CPU spent in this time step: 7.211 s

[97%] Instant calculé : 8.76000e+00, dernier instant archivé : 8.76000e+00, au numéro d'ordre :

4380

Time of computation: 8.760000000000e+00 - Level of cutting: 1

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

	1		1.99803E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.760000000000e+00 for the sequence number 4380

Field stored COMPORTHER at time 8.760000000000e+00 for the sequence number 4380

Time CPU spent in this time step: 7.238 s

[97%] Instant calculé : 8.76200e+00, dernier instant archivé : 8.76200e+00, au numéro d'ordre :

4381

Time of computation: 8.762000000000e+00 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
	COEFFICIENT		ASSEMBLAGE					

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
	RHO							

	1		1.99883E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.762000000000e+00 for the sequence number 4381

Field stored COMPORTHER at time 8.762000000000e+00 for the sequence number 4381

Time CPU spent in this time step: 7.242 s

[97%] Instant calculé : 8.76400e+00, dernier instant archivé : 8.76400e+00, au numéro d'ordre :

4382

Time of computation: 8.764000000000e+00 - Level of cutting: 1

NEWTON		RESIDU	RESIDU	RECH. LINE.	
RECH. LINE.		OPTION			
ITERATION		RELATIF	ABSOLU	NB. ITER	
COEFFICIENT		ASSEMBLAGE			
		RESI_GLOB_REL	RESI_GLOB_MAXI		
RHO					
1		1.99863E-12	1.59489E-09		
OUI					

Filing of the fields

Field stored TEMP at time 8.764000000000e+00 for the sequence number 4382

Field stored COMPORTHER at time 8.764000000000e+00 for the sequence number 4382

Time CPU spent in this time step: 7.207 s

[97%] Instant calculé : 8.76600e+00, dernier instant archivé : 8.76600e+00, au numéro

d'ordre :

4383

Time of computation: 8.766000000000e+00 - Level of cutting: 1

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

	1		1.99878E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.766000000000e+00 for the sequence number 4383

Field stored COMPORTHER at time 8.766000000000e+00 for the sequence number 4383

Time CPU spent in this time step: 7.197 s

[97%] Instant calculé : 8.76800e+00, dernier instant archivé : 8.76800e+00, au numéro d'ordre :

4384

Time of computation: 8.768000000000e+00 - Level of cutting: 1

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

	1		1.99806E-12		1.59489E-09							
	OUI											

Filing of the fields

Field stored TEMP at time 8.768000000000e+00 for the sequence number 4384

Field stored COMPORTHER at time 8.768000000000e+00 for the sequence number 4384

Time CPU spent in this time step: 7.203 s

[97%] Instant calculé : 8.77000e+00, dernier instant archivé : 8.77000e+00, au numéro d'ordre :

4385

Time of computation: 8.770000000000e+00 - Level of cutting: 1

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

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	1.99941E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.770000000000e+00 for the sequence number 4385

Field stored COMPORTHER at time 8.770000000000e+00 for the sequence number 4385

Time CPU spent in this time step: 7.215 s

[97%] Instant calculé : 8.77200e+00, dernier instant archivé : 8.77200e+00, au numéro d'ordre :

4386

Time of computation: 8.772000000000e+00 - Level of cutting: 1

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

ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	1.99805E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.772000000000e+00 for the sequence number 4386

Field stored COMPORTHER at time 8.772000000000e+00 for the sequence number 4386

Time CPU spent in this time step: 7.223 s

[97%] Instant calculé : 8.77400e+00, dernier instant archivé : 8.77400e+00, au numéro d'ordre :

4387

Time of computation: 8.774000000000e+00 - Level of cutting: 1

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

| 1 | 1.99883E-12 | 1.59489E-09 | |
| OUI |

Filing of the fields

Field stored TEMP at time 8.774000000000e+00 for the sequence number 4387

Field stored COMPORTHER at time 8.774000000000e+00 for the sequence number

4387

Time CPU spent in this time step: 7.207 s

[97%] Instant calculé : 8.77600e+00, dernier instant archivé : 8.77600e+00, au numéro d'ordre :

4388

Time of computation: 8.776000000000e+00 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		1.99861E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.776000000000e+00 for the sequence number 4388

Field stored COMPORTHER at time 8.776000000000e+00 for the sequence number 4388

Time CPU spent in this time step: 7.220 s

[97%] Instant calculé : 8.77800e+00, dernier instant archivé : 8.77800e+00, au numéro d'ordre :

4389

Time of computation: 8.778000000000e+00 - Level of cutting: 1

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

	1		1.99878E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.778000000000e+00 for the sequence number 4389

Field stored COMPORTHER at time 8.778000000000e+00 for the sequence number 4389

Time CPU spent in this time step: 7.234 s

[97%] Instant calculé : 8.78000e+00, dernier instant archivé : 8.78000e+00, au numéro d'ordre :

4390

Time of computation: 8.780000000000e+00 - Level of cutting: 1

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

1	1.99807E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.780000000000e+00 for the sequence number 4390

Field stored COMPORTHER at time 8.780000000000e+00 for the sequence number 4390

Time CPU spent in this time step: 7.243 s

[97%] Instant calculé : 8.78200e+00, dernier instant archivé : 8.78200e+00, au numéro d'ordre :

4391

Time of computation: 8.782000000000e+00 - Level of cutting: 1

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

| 1 | 1.99940E-12 | 1.59489E-09 | |
| OUI |

Filing of the fields

Field stored TEMP at time 8.782000000000e+00 for the sequence number 4391

Field stored COMPORTHER at time 8.782000000000e+00 for the sequence number 4391

Time CPU spent in this time step: 7.238 s

[97%] Instant calculé : 8.78400e+00, dernier instant archivé : 8.78400e+00, au numéro d'ordre :

4392

Time of computation: 8.784000000000e+00 - Level of cutting: 1

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

| 1 | 1.99803E-12 | 1.59489E-09 | |
| OUI |

Filing of the fields

Field stored TEMP at time 8.784000000000e+00 for the sequence number 4392

Field stored COMPORTHER at time 8.784000000000e+00 for the sequence number 4392

Time CPU spent in this time step: 7.248 s

[97%] Instant calculé : 8.78600e+00, dernier instant archivé : 8.78600e+00, au numéro d'ordre :

4393

Time of computation: 8.786000000000e+00 - Level of cutting: 1

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

	1		1.99883E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.786000000000e+00 for the sequence number 4393

Field stored COMPORTHER at time 8.786000000000e+00 for the sequence number 4393

Time CPU spent in this time step: 7.281 s

[97%] Instant calculé : 8.78800e+00, dernier instant archivé : 8.78800e+00, au numéro d'ordre :

4394

Time of computation: 8.788000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	1.99863E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.788000000000e+00 for the sequence number 4394

Field stored COMPORTHER at time 8.788000000000e+00 for the sequence number 4394

Time CPU spent in this time step: 7.266 s

[97%] Instant calculé : 8.79000e+00, dernier instant archivé : 8.79000e+00, au numéro d'ordre :

4395

Time of computation: 8.790000000000e+00 - Level of cutting: 1

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

	1		1.99878E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.790000000000e+00 for the sequence number 4395

Field stored COMPORTHER at time 8.790000000000e+00 for the sequence number 4395

Time CPU spent in this time step: 7.280 s

[97%] Instant calculé : 8.79200e+00, dernier instant archivé : 8.79200e+00, au numéro d'ordre :

4396

Time of computation: 8.792000000000e+00 - Level of cutting: 1

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

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	1.99806E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.792000000000e+00 for the sequence number 4396

Field stored COMPORTHER at time 8.792000000000e+00 for the sequence number 4396

Time CPU spent in this time step: 7.277 s

[97%] Instant calculé : 8.79400e+00, dernier instant archivé : 8.79400e+00, au numéro d'ordre :

4397

Time of computation: 8.794000000000e+00 - Level of cutting: 1

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

	1		1.99941E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.794000000000e+00 for the sequence number 4397

Field stored COMPORTHER at time 8.794000000000e+00 for the sequence number 4397

Time CPU spent in this time step: 7.275 s

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

4398

Time of computation: 8.796000000000e+00 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
	COEFFICIENT		ASSEMBLAGE					

			RESI_GLOB_REL		RESI_GLOB_MAXI			
	RHO							

	1		1.99805E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.796000000000e+00 for the sequence number 4398

Field stored COMPORTHER at time 8.796000000000e+00 for the sequence number 4398

Time CPU spent in this time step: 7.250 s

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

4399

Time of computation: 8.798000000000e+00 - 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		1.99883E-12
	1.99883E-12		1.59489E-09
	1.59489E-09		
	OUI		

Filing of the fields

Field stored TEMP at time 8.798000000000e+00 for the sequence number 4399

Field stored COMPORTHER at time 8.798000000000e+00 for the sequence number 4399

Time CPU spent in this time step: 7.210 s

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

d'ordre :

4400

Time of computation: 8.800000000000e+00 - Level of cutting: 1

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

1	1.99861E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.800000000000e+00 for the sequence number 4400

Field stored COMPORTHER at time 8.800000000000e+00 for the sequence number 4400

Time CPU spent in this time step: 7.210 s

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

4401

Time of computation: 8.802000000000e+00 - Level of cutting: 1

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

	1		1.99878E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.802000000000e+00 for the sequence number 4401

Field stored COMPORTHER at time 8.802000000000e+00 for the sequence number 4401

Time CPU spent in this time step: 7.221 s

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

4402

Time of computation: 8.804000000000e+00 - Level of cutting: 1

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

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	1.99807E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.804000000000e+00 for the sequence number 4402

Field stored COMPORTHER at time 8.804000000000e+00 for the sequence number 4402

Time CPU spent in this time step: 7.218 s

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

4403

Time of computation: 8.806000000000e+00 - Level of cutting: 1

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

ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	1.99940E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.806000000000e+00 for the sequence number 4403

Field stored COMPORTHER at time 8.806000000000e+00 for the sequence number 4403

Time CPU spent in this time step: 7.220 s

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

4404

Time of computation: 8.808000000000e+00 - Level of cutting: 1

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

| 1 | 1.99803E-12 | 1.59489E-09 | |
| OUI |

Filing of the fields

Field stored TEMP at time 8.808000000000e+00 for the sequence number 4404

Field stored COMPORTHER at time 8.808000000000e+00 for the sequence number

4404

Time CPU spent in this time step: 7.232 s

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

4405

Time of computation: 8.810000000000e+00 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		1.99883E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.810000000000e+00 for the sequence number 4405

Field stored COMPORTHER at time 8.810000000000e+00 for the sequence number 4405

Time CPU spent in this time step: 7.298 s

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

4406

Time of computation: 8.812000000000e+00 - Level of cutting: 1

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

	1		1.99863E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.812000000000e+00 for the sequence number 4406

Field stored COMPORTHER at time 8.812000000000e+00 for the sequence number 4406

Time CPU spent in this time step: 7.321 s

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

4407

Time of computation: 8.814000000000e+00 - Level of cutting: 1

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

1	1.99878E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.814000000000e+00 for the sequence number 4407

Field stored COMPORTHER at time 8.814000000000e+00 for the sequence number 4407

Time CPU spent in this time step: 7.302 s

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

4408

Time of computation: 8.816000000000e+00 - Level of cutting: 1

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

| 1 | 1.99806E-12 | 1.59489E-09 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.816000000000e+00 for the sequence number 4408

Field stored COMPORTHER at time 8.816000000000e+00 for the sequence number 4408

Time CPU spent in this time step: 7.288 s

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

4409

Time of computation: 8.818000000000e+00 - Level of cutting: 1

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

| 1 | 1.99941E-12 | 1.59489E-09 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.818000000000e+00 for the sequence number 4409

Field stored COMPORTHER at time 8.818000000000e+00 for the sequence number 4409

Time CPU spent in this time step: 7.307 s

[97%] Instant calculé : 8.82000e+00, dernier instant archivé : 8.82000e+00, au numéro d'ordre :

4410

Time of computation: 8.820000000000e+00 - Level of cutting: 1

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

	1		1.99805E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.820000000000e+00 for the sequence number 4410

Field stored COMPORTHER at time 8.820000000000e+00 for the sequence number 4410

Time CPU spent in this time step: 7.286 s

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

4411

Time of computation: 8.822000000000e+00 - Level of cutting: 1

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

	1		1.99883E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.822000000000e+00 for the sequence number 4411

Field stored COMPORTHER at time 8.822000000000e+00 for the sequence number 4411

Time CPU spent in this time step: 7.253 s

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

4412

Time of computation: 8.824000000000e+00 - Level of cutting: 1

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

	1		1.99861E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.824000000000e+00 for the sequence number 4412

Field stored COMPORTHER at time 8.824000000000e+00 for the sequence number 4412

Time CPU spent in this time step: 7.250 s

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

4413

Time of computation: 8.826000000000e+00 - Level of cutting: 1

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

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	1.99878E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.826000000000e+00 for the sequence number 4413

Field stored COMPORTHER at time 8.826000000000e+00 for the sequence number 4413

Time CPU spent in this time step: 7.259 s

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

4414

Time of computation: 8.828000000000e+00 - Level of cutting: 1

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

	1		1.99807E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.828000000000e+00 for the sequence number 4414

Field stored COMPORTHER at time 8.828000000000e+00 for the sequence number 4414

Time CPU spent in this time step: 7.250 s

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

4415

Time of computation: 8.830000000000e+00 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
	COEFFICIENT		ASSEMBLAGE					

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
	RHO							

	1		1.99940E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.830000000000e+00 for the sequence number 4415

Field stored COMPORTHER at time 8.830000000000e+00 for the sequence number 4415

Time CPU spent in this time step: 7.215 s

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

4416

Time of computation: 8.832000000000e+00 - Level of cutting: 1

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

	1		1.99803E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.832000000000e+00 for the sequence number 4416

Field stored COMPORTHER at time 8.832000000000e+00 for the sequence number 4416

Time CPU spent in this time step: 7.220 s

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

d'ordre :

4417

Time of computation: 8.834000000000e+00 - Level of cutting: 1

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

	1		1.99883E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.834000000000e+00 for the sequence number 4417

Field stored COMPORTHER at time 8.834000000000e+00 for the sequence number 4417

Time CPU spent in this time step: 7.227 s

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

4418

Time of computation: 8.836000000000e+00 - Level of cutting: 1

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

	1		1.99863E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.836000000000e+00 for the sequence number 4418

Field stored COMPORTHER at time 8.836000000000e+00 for the sequence number 4418

Time CPU spent in this time step: 7.195 s

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

4419

Time of computation: 8.838000000000e+00 - Level of cutting: 1

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

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	1.99878E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.838000000000e+00 for the sequence number 4419

Field stored COMPORTHER at time 8.838000000000e+00 for the sequence number 4419

Time CPU spent in this time step: 7.208 s

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

4420

Time of computation: 8.840000000000e+00 - Level of cutting: 1

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

ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					

	RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO		

1	1.99806E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.840000000000e+00 for the sequence number 4420

Field stored COMPORTHER at time 8.840000000000e+00 for the sequence number 4420

Time CPU spent in this time step: 7.225 s

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

4421

Time of computation: 8.842000000000e+00 - Level of cutting: 1

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

| 1 | 1.99941E-12 | 1.59489E-09 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.842000000000e+00 for the sequence number 4421

Field stored COMPORTHER at time 8.842000000000e+00 for the sequence number

4421

Time CPU spent in this time step: 7.225 s

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

4422

Time of computation: 8.844000000000e+00 - Level of cutting: 1

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

1	1.99805E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.844000000000e+00 for the sequence number 4422

Field stored COMPORTHER at time 8.844000000000e+00 for the sequence number 4422

Time CPU spent in this time step: 7.238 s

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

4423

Time of computation: 8.846000000000e+00 - Level of cutting: 1

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

	1		1.99883E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.846000000000e+00 for the sequence number 4423

Field stored COMPORTHER at time 8.846000000000e+00 for the sequence number 4423

Time CPU spent in this time step: 7.201 s

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

4424

Time of computation: 8.848000000000e+00 - Level of cutting: 1

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

1	1.99861E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.848000000000e+00 for the sequence number 4424

Field stored COMPORTHER at time 8.848000000000e+00 for the sequence number 4424

Time CPU spent in this time step: 7.237 s

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

4425

Time of computation: 8.850000000000e+00 - Level of cutting: 1

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

| 1 | 1.99878E-12 | 1.59489E-09 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.850000000000e+00 for the sequence number 4425

Field stored COMPORTHER at time 8.850000000000e+00 for the sequence number 4425

Time CPU spent in this time step: 7.221 s

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

4426

Time of computation: 8.852000000000e+00 - Level of cutting: 1

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

| 1 | 1.99807E-12 | 1.59489E-09 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.852000000000e+00 for the sequence number 4426

Field stored COMPORTHER at time 8.852000000000e+00 for the sequence number 4426

Time CPU spent in this time step: 7.224 s

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

4427

Time of computation: 8.854000000000e+00 - Level of cutting: 1

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

	1		1.99940E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.854000000000e+00 for the sequence number 4427

Field stored COMPORTHER at time 8.854000000000e+00 for the sequence number 4427

Time CPU spent in this time step: 7.207 s

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

4428

Time of computation: 8.856000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	1.99803E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.856000000000e+00 for the sequence number 4428

Field stored COMPORTHER at time 8.856000000000e+00 for the sequence number 4428

Time CPU spent in this time step: 7.237 s

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

4429

Time of computation: 8.858000000000e+00 - Level of cutting: 1

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

	1		1.99883E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.858000000000e+00 for the sequence number 4429

Field stored COMPORTHER at time 8.858000000000e+00 for the sequence number 4429

Time CPU spent in this time step: 7.246 s

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

4430

Time of computation: 8.860000000000e+00 - Level of cutting: 1

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

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	1.99863E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.860000000000e+00 for the sequence number 4430

Field stored COMPORTHER at time 8.860000000000e+00 for the sequence number 4430

Time CPU spent in this time step: 7.245 s

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

4431

Time of computation: 8.862000000000e+00 - Level of cutting: 1

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

	1		1.99878E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.862000000000e+00 for the sequence number 4431

Field stored COMPORTHER at time 8.862000000000e+00 for the sequence number 4431

Time CPU spent in this time step: 7.198 s

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

4432

Time of computation: 8.864000000000e+00 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
	COEFFICIENT		ASSEMBLAGE					

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
	RHO							

	1		1.99806E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.864000000000e+00 for the sequence number 4432

Field stored COMPORTHER at time 8.864000000000e+00 for the sequence number 4432

Time CPU spent in this time step: 7.248 s

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

4433

Time of computation: 8.866000000000e+00 - Level of cutting: 1

NEWTON		RESIDU	RESIDU	RECH. LINE.	
RECH. LINE.		OPTION			
ITERATION		RELATIF	ABSOLU	NB. ITER	
COEFFICIENT		ASSEMBLAGE			
		RESI_GLOB_RELA	RESI_GLOB_MAXI		
RHO					
1		1.99941E-12	1.59489E-09		
OUI					

Filing of the fields

Field stored TEMP at time 8.866000000000e+00 for the sequence number 4433

Field stored COMPORTHER at time 8.866000000000e+00 for the sequence number 4433

Time CPU spent in this time step: 7.255 s

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

d'ordre :

4434

Time of computation: 8.868000000000e+00 - Level of cutting: 1

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

1	1.99805E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.868000000000e+00 for the sequence number 4434

Field stored COMPORTHER at time 8.868000000000e+00 for the sequence number 4434

Time CPU spent in this time step: 7.278 s

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

4435

Time of computation: 8.870000000000e+00 - Level of cutting: 1

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

	1		1.99883E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.870000000000e+00 for the sequence number 4435

Field stored COMPORTHER at time 8.870000000000e+00 for the sequence number 4435

Time CPU spent in this time step: 7.219 s

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

4436

Time of computation: 8.872000000000e+00 - Level of cutting: 1

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

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	1.99861E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.872000000000e+00 for the sequence number 4436

Field stored COMPORTHER at time 8.872000000000e+00 for the sequence number 4436

Time CPU spent in this time step: 7.238 s

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

4437

Time of computation: 8.874000000000e+00 - Level of cutting: 1

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

ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	1.99878E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.874000000000e+00 for the sequence number 4437

Field stored COMPORTHER at time 8.874000000000e+00 for the sequence number 4437

Time CPU spent in this time step: 7.260 s

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

4438

Time of computation: 8.876000000000e+00 - Level of cutting: 1

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

| 1 | 1.99807E-12 | 1.59489E-09 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.876000000000e+00 for the sequence number 4438

Field stored COMPORTHER at time 8.876000000000e+00 for the sequence number

4438

Time CPU spent in this time step: 7.325 s

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

4439

Time of computation: 8.878000000000e+00 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		1.99940E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.878000000000e+00 for the sequence number 4439

Field stored COMPORTHER at time 8.878000000000e+00 for the sequence number 4439

Time CPU spent in this time step: 7.238 s

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

4440

Time of computation: 8.880000000000e+00 - Level of cutting: 1

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

	1		1.99803E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.880000000000e+00 for the sequence number 4440

Field stored COMPORTHER at time 8.880000000000e+00 for the sequence number 4440

Time CPU spent in this time step: 7.233 s

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

4441

Time of computation: 8.882000000000e+00 - Level of cutting: 1

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

1	1.99883E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.882000000000e+00 for the sequence number 4441

Field stored COMPORTHER at time 8.882000000000e+00 for the sequence number 4441

Time CPU spent in this time step: 7.273 s

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

4442

Time of computation: 8.884000000000e+00 - Level of cutting: 1

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

| 1 | 1.99863E-12 | 1.59489E-09 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.884000000000e+00 for the sequence number 4442

Field stored COMPORTHER at time 8.884000000000e+00 for the sequence number 4442

Time CPU spent in this time step: 7.261 s

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

4443

Time of computation: 8.886000000000e+00 - Level of cutting: 1

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

| 1 | 1.99878E-12 | 1.59489E-09 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.886000000000e+00 for the sequence number 4443

Field stored COMPORTHER at time 8.886000000000e+00 for the sequence number 4443

Time CPU spent in this time step: 7.228 s

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

4444

Time of computation: 8.888000000000e+00 - Level of cutting: 1

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

	1		1.99806E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.888000000000e+00 for the sequence number 4444

Field stored COMPORTHER at time 8.888000000000e+00 for the sequence number 4444

Time CPU spent in this time step: 7.230 s

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

4445

Time of computation: 8.890000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	1.99941E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.890000000000e+00 for the sequence number 4445

Field stored COMPORTHER at time 8.890000000000e+00 for the sequence number 4445

Time CPU spent in this time step: 7.251 s

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

4446

Time of computation: 8.892000000000e+00 - Level of cutting: 1

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

	1		1.99805E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.892000000000e+00 for the sequence number 4446

Field stored COMPORTHER at time 8.892000000000e+00 for the sequence number 4446

Time CPU spent in this time step: 7.244 s

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

4447

Time of computation: 8.894000000000e+00 - Level of cutting: 1

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

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	1.99883E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.894000000000e+00 for the sequence number 4447

Field stored COMPORTHER at time 8.894000000000e+00 for the sequence number 4447

Time CPU spent in this time step: 7.235 s

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

4448

Time of computation: 8.896000000000e+00 - Level of cutting: 1

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

	1		1.99861E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.896000000000e+00 for the sequence number 4448

Field stored COMPORTHER at time 8.896000000000e+00 for the sequence number 4448

Time CPU spent in this time step: 7.233 s

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

4449

Time of computation: 8.898000000000e+00 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
	COEFFICIENT		ASSEMBLAGE					

			RESI_GLOB_REL		RESI_GLOB_MAXI			
	RHO							

	1		1.99878E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.898000000000e+00 for the sequence number 4449

Field stored COMPORTHER at time 8.898000000000e+00 for the sequence number 4449

Time CPU spent in this time step: 7.237 s

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

4450

Time of computation: 8.900000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	1.99807E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.900000000000e+00 for the sequence number 4450

Field stored COMPORTHER at time 8.900000000000e+00 for the sequence number 4450

Time CPU spent in this time step: 7.247 s

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

d'ordre :

4451

Time of computation: 8.902000000000e+00 - Level of cutting: 1

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

	1		1.99940E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.902000000000e+00 for the sequence number 4451

Field stored COMPORTHER at time 8.902000000000e+00 for the sequence number 4451

Time CPU spent in this time step: 7.256 s

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

4452

Time of computation: 8.904000000000e+00 - Level of cutting: 1

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

	1		1.99803E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.904000000000e+00 for the sequence number 4452

Field stored COMPORTHER at time 8.904000000000e+00 for the sequence number 4452

Time CPU spent in this time step: 7.200 s

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

4453

Time of computation: 8.906000000000e+00 - Level of cutting: 1

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

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	1.99883E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.906000000000e+00 for the sequence number 4453

Field stored COMPORTHER at time 8.906000000000e+00 for the sequence number 4453

Time CPU spent in this time step: 7.218 s

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

4454

Time of computation: 8.908000000000e+00 - Level of cutting: 1

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

ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	1.99863E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.908000000000e+00 for the sequence number 4454

Field stored COMPORTHER at time 8.908000000000e+00 for the sequence number 4454

Time CPU spent in this time step: 7.200 s

[98%] Instant calculé : 8.91000e+00, dernier instant archivé : 8.91000e+00, au numéro d'ordre :

4455

Time of computation: 8.910000000000e+00 - Level of cutting: 1

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

| 1 | 1.99878E-12 | 1.59489E-09 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.910000000000e+00 for the sequence number 4455

Field stored COMPORTHER at time 8.910000000000e+00 for the sequence number

4455

Time CPU spent in this time step: 7.257 s

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

4456

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

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		1.99806E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.912000000000e+00 for the sequence number 4456

Field stored COMPORTHER at time 8.912000000000e+00 for the sequence number 4456

Time CPU spent in this time step: 7.208 s

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

4457

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

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

	1		1.99941E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.914000000000e+00 for the sequence number 4457

Field stored COMPORTHER at time 8.914000000000e+00 for the sequence number 4457

Time CPU spent in this time step: 7.226 s

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

4458

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

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

1	1.99805E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.916000000000e+00 for the sequence number 4458

Field stored COMPORTHER at time 8.916000000000e+00 for the sequence number 4458

Time CPU spent in this time step: 7.224 s

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

4459

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

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

| 1 | 1.99883E-12 | 1.59489E-09 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.918000000000e+00 for the sequence number 4459

Field stored COMPORTHER at time 8.918000000000e+00 for the sequence number 4459

Time CPU spent in this time step: 7.261 s

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

4460

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

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

| 1 | 1.99861E-12 | 1.59489E-09 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.920000000000e+00 for the sequence number 4460

Field stored COMPORTHER at time 8.920000000000e+00 for the sequence number 4460

Time CPU spent in this time step: 7.242 s

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

4461

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

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

	1		1.99878E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.922000000000e+00 for the sequence number 4461

Field stored COMPORTHER at time 8.922000000000e+00 for the sequence number 4461

Time CPU spent in this time step: 7.262 s

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

4462

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

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	1.99807E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.924000000000e+00 for the sequence number 4462

Field stored COMPORTHER at time 8.924000000000e+00 for the sequence number 4462

Time CPU spent in this time step: 7.290 s

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

4463

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

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

			RESI_GLOB_REL		RESI_GLOB_MAXI			
RHO								

	1		1.99940E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.926000000000e+00 for the sequence number 4463

Field stored COMPORTHER at time 8.926000000000e+00 for the sequence number 4463

Time CPU spent in this time step: 7.302 s

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

4464

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

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

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			

1	1.99803E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.928000000000e+00 for the sequence number 4464

Field stored COMPORTHER at time 8.928000000000e+00 for the sequence number 4464

Time CPU spent in this time step: 7.228 s

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

4465

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

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

	1		1.99883E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.930000000000e+00 for the sequence number 4465

Field stored COMPORTHER at time 8.930000000000e+00 for the sequence number 4465

Time CPU spent in this time step: 7.233 s

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

4466

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

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
	COEFFICIENT		ASSEMBLAGE					

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
	RHO							

	1		1.99863E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.932000000000e+00 for the sequence number 4466

Field stored COMPORTHER at time 8.932000000000e+00 for the sequence number 4466

Time CPU spent in this time step: 7.219 s

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

4467

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

NEWTON		RESIDU	RESIDU	RECH. LINE.	
RECH. LINE.		OPTION			
ITERATION		RELATIF	ABSOLU	NB. ITER	
COEFFICIENT		ASSEMBLAGE			
		RESI_GLOB_REL	RESI_GLOB_MAXI		
RHO					
1		1.99878E-12	1.59489E-09		
OUI					

Filing of the fields

Field stored TEMP at time 8.934000000000e+00 for the sequence number 4467

Field stored COMPORTHER at time 8.934000000000e+00 for the sequence number 4467

Time CPU spent in this time step: 7.225 s

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

d'ordre :

4468

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

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

1	1.99806E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.936000000000e+00 for the sequence number 4468

Field stored COMPORTHER at time 8.936000000000e+00 for the sequence number 4468

Time CPU spent in this time step: 7.218 s

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

4469

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

	NEWTON		RESIDU		RESIDU		RECH. LINE.					
RECH. LINE.		OPTION										
	ITERATION		RELATIF		ABSOLU		NB. ITER					
COEFFICIENT		ASSEMBLAGE										
				RESI_GLOB_RELA		RESI_GLOB_MAXI						
RHO												
	1		1.99941E-12		1.59489E-09							
	OUI											

Filing of the fields

Field stored TEMP at time 8.938000000000e+00 for the sequence number 4469

Field stored COMPORTHER at time 8.938000000000e+00 for the sequence number 4469

Time CPU spent in this time step: 7.235 s

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

4470

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

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

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	1.99805E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.940000000000e+00 for the sequence number 4470

Field stored COMPORTHER at time 8.940000000000e+00 for the sequence number 4470

Time CPU spent in this time step: 7.227 s

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

4471

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

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

ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					

		RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO			

1	1.99882E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.942000000000e+00 for the sequence number 4471

Field stored COMPORTHER at time 8.942000000000e+00 for the sequence number 4471

Time CPU spent in this time step: 7.213 s

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

4472

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

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

| 1 | 1.99861E-12 | 1.59489E-09 | |
| OUI |

Filing of the fields

Field stored TEMP at time 8.944000000000e+00 for the sequence number 4472

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

4472

Time CPU spent in this time step: 7.222 s

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

4473

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

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE						

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
RHO								

	1		1.99878E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.946000000000e+00 for the sequence number 4473

Field stored COMPORTHER at time 8.946000000000e+00 for the sequence number 4473

Time CPU spent in this time step: 7.221 s

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

4474

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

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

	1		1.99807E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.948000000000e+00 for the sequence number 4474

Field stored COMPORTHER at time 8.948000000000e+00 for the sequence number 4474

Time CPU spent in this time step: 7.221 s

[99%] Instant calculé : 8.95000e+00, dernier instant archivé : 8.95000e+00, au numéro d'ordre :

4475

Time of computation: 8.950000000000e+00 - Level of cutting: 1

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

1	1.99940E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.950000000000e+00 for the sequence number 4475

Field stored COMPORTHER at time 8.950000000000e+00 for the sequence number 4475

Time CPU spent in this time step: 7.264 s

[99%] Instant calculé : 8.95200e+00, dernier instant archivé : 8.95200e+00, au numéro d'ordre :

4476

Time of computation: 8.952000000000e+00 - Level of cutting: 1

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

| 1 | 1.99803E-12 | 1.59489E-09 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.952000000000e+00 for the sequence number 4476

Field stored COMPORTHER at time 8.952000000000e+00 for the sequence number 4476

Time CPU spent in this time step: 7.222 s

[99%] Instant calculé : 8.95400e+00, dernier instant archivé : 8.95400e+00, au numéro d'ordre :

4477

Time of computation: 8.954000000000e+00 - Level of cutting: 1

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

| 1 | 1.99883E-12 | 1.59489E-09 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.954000000000e+00 for the sequence number 4477

Field stored COMPORTHER at time 8.954000000000e+00 for the sequence number 4477

Time CPU spent in this time step: 7.240 s

[99%] Instant calculé : 8.95600e+00, dernier instant archivé : 8.95600e+00, au numéro d'ordre :

4478

Time of computation: 8.956000000000e+00 - Level of cutting: 1

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

	1		1.99863E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.956000000000e+00 for the sequence number 4478

Field stored COMPORTHER at time 8.956000000000e+00 for the sequence number 4478

Time CPU spent in this time step: 7.217 s

[99%] Instant calculé : 8.95800e+00, dernier instant archivé : 8.95800e+00, au numéro d'ordre :

4479

Time of computation: 8.958000000000e+00 - Level of cutting: 1

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

	1		1.99878E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.958000000000e+00 for the sequence number 4479

Field stored COMPORTHER at time 8.958000000000e+00 for the sequence number 4479

Time CPU spent in this time step: 7.200 s

[99%] Instant calculé : 8.96000e+00, dernier instant archivé : 8.96000e+00, au numéro d'ordre :

4480

Time of computation: 8.960000000000e+00 - Level of cutting: 1

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

	1		1.99806E-12
	1.99806E-12		1.59489E-09
	1.59489E-09		
	OUI		

Filing of the fields

Field stored TEMP at time 8.960000000000e+00 for the sequence number 4480

Field stored COMPORTHER at time 8.960000000000e+00 for the sequence number 4480

Time CPU spent in this time step: 7.224 s

[99%] Instant calculé : 8.96200e+00, dernier instant archivé : 8.96200e+00, au numéro d'ordre :

4481

Time of computation: 8.962000000000e+00 - Level of cutting: 1

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

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_REL	RESI_GLOB_MAXI	
RHO			
1	1.99941E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.962000000000e+00 for the sequence number 4481

Field stored COMPORTHER at time 8.962000000000e+00 for the sequence number 4481

Time CPU spent in this time step: 7.205 s

[99%] Instant calculé : 8.96400e+00, dernier instant archivé : 8.96400e+00, au numéro d'ordre :

4482

Time of computation: 8.964000000000e+00 - Level of cutting: 1

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

	1		1.99805E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.964000000000e+00 for the sequence number 4482

Field stored COMPORTHER at time 8.964000000000e+00 for the sequence number 4482

Time CPU spent in this time step: 7.215 s

[99%] Instant calculé : 8.96600e+00, dernier instant archivé : 8.96600e+00, au numéro d'ordre :

4483

Time of computation: 8.966000000000e+00 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
	COEFFICIENT		ASSEMBLAGE					

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
	RHO							

	1		1.99883E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.966000000000e+00 for the sequence number 4483

Field stored COMPORTHER at time 8.966000000000e+00 for the sequence number 4483

Time CPU spent in this time step: 7.193 s

[99%] Instant calculé : 8.96800e+00, dernier instant archivé : 8.96800e+00, au numéro d'ordre :

4484

Time of computation: 8.968000000000e+00 - Level of cutting: 1

NEWTON		RESIDU	RESIDU	RECH. LINE.	
RECH. LINE.		OPTION			
ITERATION		RELATIF	ABSOLU	NB. ITER	
COEFFICIENT		ASSEMBLAGE			
		RESI_GLOB_REL	RESI_GLOB_MAXI		
RHO					
1		1.99861E-12	1.59489E-09		
OUI					

Filing of the fields

Field stored TEMP at time 8.968000000000e+00 for the sequence number 4484

Field stored COMPORTHER at time 8.968000000000e+00 for the sequence number 4484

Time CPU spent in this time step: 7.231 s

[99%] Instant calculé : 8.97000e+00, dernier instant archivé : 8.97000e+00, au numéro

d'ordre :

4485

Time of computation: 8.970000000000e+00 - Level of cutting: 1

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

	1		1.99878E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.970000000000e+00 for the sequence number 4485

Field stored COMPORTHER at time 8.970000000000e+00 for the sequence number 4485

Time CPU spent in this time step: 7.215 s

[99%] Instant calculé : 8.97200e+00, dernier instant archivé : 8.97200e+00, au numéro d'ordre :

4486

Time of computation: 8.972000000000e+00 - Level of cutting: 1

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

	1		1.99807E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.972000000000e+00 for the sequence number 4486

Field stored COMPORTHER at time 8.972000000000e+00 for the sequence number 4486

Time CPU spent in this time step: 7.204 s

[99%] Instant calculé : 8.97400e+00, dernier instant archivé : 8.97400e+00, au numéro d'ordre :

4487

Time of computation: 8.974000000000e+00 - Level of cutting: 1

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

	RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO		

1	1.99940E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.974000000000e+00 for the sequence number 4487

Field stored COMPORTHER at time 8.974000000000e+00 for the sequence number 4487

Time CPU spent in this time step: 7.198 s

[99%] Instant calculé : 8.97600e+00, dernier instant archivé : 8.97600e+00, au numéro d'ordre :

4488

Time of computation: 8.976000000000e+00 - Level of cutting: 1

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

ITERATION		RELATIF		ABSOLU		NB. ITER	
COEFFICIENT		ASSEMBLAGE					

	RESI_GLOB_RELA RESI_GLOB_MAXI	
RHO		

1	1.99803E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.976000000000e+00 for the sequence number 4488

Field stored COMPORTHER at time 8.976000000000e+00 for the sequence number 4488

Time CPU spent in this time step: 7.278 s

[99%] Instant calculé : 8.97800e+00, dernier instant archivé : 8.97800e+00, au numéro d'ordre :

4489

Time of computation: 8.978000000000e+00 - Level of cutting: 1

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

| 1 | 1.99883E-12 | 1.59489E-09 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.978000000000e+00 for the sequence number 4489

Field stored COMPORTHER at time 8.978000000000e+00 for the sequence number

4489

Time CPU spent in this time step: 7.272 s

[99%] Instant calculé : 8.98000e+00, dernier instant archivé : 8.98000e+00, au numéro d'ordre :

4490

Time of computation: 8.980000000000e+00 - Level of cutting: 1

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

1	1.99863E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.980000000000e+00 for the sequence number 4490

Field stored COMPORTHER at time 8.980000000000e+00 for the sequence number 4490

Time CPU spent in this time step: 7.268 s

[99%] Instant calculé : 8.98200e+00, dernier instant archivé : 8.98200e+00, au numéro d'ordre :

4491

Time of computation: 8.982000000000e+00 - Level of cutting: 1

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

	1		1.99878E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.982000000000e+00 for the sequence number 4491

Field stored COMPORTHER at time 8.982000000000e+00 for the sequence number 4491

Time CPU spent in this time step: 7.270 s

[99%] Instant calculé : 8.98400e+00, dernier instant archivé : 8.98400e+00, au numéro d'ordre :

4492

Time of computation: 8.984000000000e+00 - Level of cutting: 1

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

1	1.99806E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.984000000000e+00 for the sequence number 4492

Field stored COMPORTHER at time 8.984000000000e+00 for the sequence number 4492

Time CPU spent in this time step: 7.265 s

[99%] Instant calculé : 8.98600e+00, dernier instant archivé : 8.98600e+00, au numéro d'ordre :

4493

Time of computation: 8.986000000000e+00 - Level of cutting: 1

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

| 1 | 1.99941E-12 | 1.59489E-09 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.986000000000e+00 for the sequence number 4493

Field stored COMPORTHER at time 8.986000000000e+00 for the sequence number 4493

Time CPU spent in this time step: 7.224 s

[99%] Instant calculé : 8.98800e+00, dernier instant archivé : 8.98800e+00, au numéro d'ordre :

4494

Time of computation: 8.988000000000e+00 - Level of cutting: 1

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

| 1 | 1.99805E-12 | 1.59489E-09 |
| OUI |

Filing of the fields

Field stored TEMP at time 8.988000000000e+00 for the sequence number 4494

Field stored COMPORTHER at time 8.988000000000e+00 for the sequence number 4494

Time CPU spent in this time step: 7.199 s

[99%] Instant calculé : 8.99000e+00, dernier instant archivé : 8.99000e+00, au numéro d'ordre :

4495

Time of computation: 8.990000000000e+00 - Level of cutting: 1

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

	1		1.99883E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.990000000000e+00 for the sequence number 4495

Field stored COMPORTHER at time 8.990000000000e+00 for the sequence number 4495

Time CPU spent in this time step: 7.227 s

[99%] Instant calculé : 8.99200e+00, dernier instant archivé : 8.99200e+00, au numéro d'ordre :

4496

Time of computation: 8.992000000000e+00 - Level of cutting: 1

NEWTON	RESIDU	RESIDU	RECH. LINE.
RECH. LINE.	OPTION		
ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	1.99861E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.992000000000e+00 for the sequence number 4496

Field stored COMPORTHER at time 8.992000000000e+00 for the sequence number 4496

Time CPU spent in this time step: 7.274 s

[99%] Instant calculé : 8.99400e+00, dernier instant archivé : 8.99400e+00, au numéro d'ordre :

4497

Time of computation: 8.994000000000e+00 - Level of cutting: 1

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

	1		1.99878E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.994000000000e+00 for the sequence number 4497

Field stored COMPORTHER at time 8.994000000000e+00 for the sequence number 4497

Time CPU spent in this time step: 7.237 s

[99%] Instant calculé : 8.99600e+00, dernier instant archivé : 8.99600e+00, au numéro d'ordre :

4498

Time of computation: 8.996000000000e+00 - Level of cutting: 1

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

ITERATION	RELATIF	ABSOLU	NB. ITER
COEFFICIENT	ASSEMBLAGE		
	RESI_GLOB_RELA	RESI_GLOB_MAXI	
RHO			
1	1.99807E-12	1.59489E-09	
OUI			

Filing of the fields

Field stored TEMP at time 8.996000000000e+00 for the sequence number 4498

Field stored COMPORTHER at time 8.996000000000e+00 for the sequence number 4498

Time CPU spent in this time step: 7.234 s

[99%] Instant calculé : 8.99800e+00, dernier instant archivé : 8.99800e+00, au numéro d'ordre :

4499

Time of computation: 8.998000000000e+00 - Level of cutting: 1

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

	1		1.99940E-12		1.59489E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 8.998000000000e+00 for the sequence number 4499

Field stored COMPORTHER at time 8.998000000000e+00 for the sequence number 4499

Time CPU spent in this time step: 7.231 s

[100%] Instant calculé : 9.00000e+00, dernier instant archivé : 9.00000e+00, au numéro d'ordre :

4500

Time of computation: 9.000000000000e+00 - Level of cutting: 1

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

	ITERATION		RELATIF		ABSOLU		NB. ITER	
	COEFFICIENT		ASSEMBLAGE					

			RESI_GLOB_RELA		RESI_GLOB_MAXI			
	RHO							

	1		1.99652E-12		1.50821E-09			
	OUI							

Filing of the fields

Field stored TEMP at time 9.000000000000e+00 for the sequence number 4500

Field stored COMPORTHER at time 9.000000000000e+00 for the sequence number 4500

Time CPU spent in this time step: 7.224 s

[100%] Instant calculé : 9.00000e+00, dernier instant archivé : 9.00000e+00, au numéro d'ordre :

4500

#1	Resolution des systemes lineaires	CPU
(USER+SYST/SYST/ELAPS):	3227.69 143.15 3226.87	

#2	Calculs elementaires et assemblages	CPU
(USER+SYST/SYST/ELAPS):	29133.03 262.25 29138.10	

#3	Dechargement de la memoire sur disque	CPU
(USER+SYST/SYST/ELAPS):	2.98 2.92 2.99	

#4	Communications MPI	CPU
(USER+SYST/SYST/ELAPS):	0.03 0.00 0.08	

Résultat commande #0025 (THER_NON_LINE): SIM ('<00000016>') 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>

- BC_3 ('<00000014>') de type <ThermalLoadReal>

- TIMELIST ('<00000015>') de type <ListOfFloats>

- MODEL ('<0000000a>') de type <Model>

Mémoire (Mo) : 9004.63 / 752.00 / 8468.74 / 294.10 (VmPeak / VmSize / Optimum / Minimum)

Fin commande #0025 user+syst: 32099.06s (syst: 515.13s, elaps:

32620.63s)

```
# -----  
-----
```

.._stg1_txt325

```
# -----  
-----
```

Commande #0026 de fort.1, ligne 325

```
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'>
BC_3	<class 'libaster.ThermalLoadReal'>
TIMELIST	<class 'libaster.ListOfFloats'>
SIM	<class 'libaster.ThermalResult'>

|| <I> <CATAMESS_89>
 ||
 ||
 ||
 || List of warnings emitted during the execution of computation.
 ||
 ||
 || Warnings which you chose to ignore of are preceded by (*).
 ||
 || Number of occurrences for each warning:
 ||
 || no warning
 ||

14				
	0000000c	CHAM_NO_SDASTER	4.72	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	25.22	31
51				
	00000012	CHAR_THER	6.69	24
34				
	00000013	CHAR_THER	2.20	19
24				
	00000014	CHAR_THER	3.35	19
24				
	00000015	LISTR8_SDASTER	0.03	6
6				
	00000016	EVOL_THER	8193.37	45029
67543				
	&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

-

Nom de la base : GLOBALE

Nombre d'enregistrements utilisés : 13895

Nombre d'enregistrements maximum : 2684354

Nombre d'enregistrements par fichier : 15728

Longueur d'enregistrement (octets) : 819200

Nombre total d'accès en lecture : 8267

Volume des accès en lecture : 6458.59 Mo.

Nombre total d'accès en écriture : 14196

Volume des accès en écriture : 11090.62 Mo.

Nombre d'identificateurs utilisés : 67952

Taille maximum du répertoire : 128000

Pourcentage d'utilisation du répertoire : 53 %

Nom de la base : VOLATILE

Nombre d'enregistrements utilisés : 686

Nombre d'enregistrements maximum : 2684354

Nombre d'enregistrements par fichier : 15728

Longueur d'enregistrement (octets) : 819200

Nombre total d'accès en lecture : 9458

Volume des accès en lecture : 7389.06 Mo.

Nombre total d'accès en écriture : 2084

Volume des accès en écriture : 1628.12 Mo.

Nombre d'identificateurs utilisés : 767

Taille maximum du répertoire : 2000

Pourcentage d'utilisation du répertoire : 38 %

<I> <FIN> ARRET NORMAL DANS "FIN" PAR APPEL A "JEFINI".

<I> <FIN> MEMOIRE JEVEUX MINIMALE REQUISE POUR L'EXECUTION :
294.10 Mo

<I> <FIN> MEMOIRE JEVEUX OPTIMALE REQUISE POUR L'EXECUTION :
8468.74 Mo

<I> <FIN> MAXIMUM DE MEMOIRE UTILISEE PAR LE PROCESSUS LORS DE
L'EXECUTION : 9004.63 Mo

<I> FERMETURE DES BASES EFFECTUEE

STATISTIQUES CONCERNANT L'ALLOCATION DYNAMIQUE :

TAILLE CUMULEE MAXIMUM : 8469 Mo.

TAILLE CUMULEE LIBEREE : 396633 Mo.

NOMBRE TOTAL D'ALLOCATIONS : 304572179

NOMBRE TOTAL DE LIBERATIONS : 304572159

APPELS AU MECANISME DE LIBERATION : 6

TAILLE MEMOIRE CUMULEE RECUPEREE : 14355 Mo.

VOLUME DES LECTURES : 6 Mo.

VOLUME DES ECRITURES : 11901 Mo.

MEMOIRE JEVEUX MINIMALE REQUISE POUR L'EXECUTION : 294.10 Mo

- IMPOSE DE NOMBREUX ACCES DISQUE

- RALENTIT LA VITESSE D'EXECUTION

MEMOIRE JEVEUX OPTIMALE REQUISE POUR L'EXECUTION : 8468.74 Mo

- LIMITE LES ACCES DISQUE

- AMELIORE LA VITESSE D'EXECUTION

MAXIMUM DE MEMOIRE UTILISEE PAR LE PROCESSUS : 9004.63 Mo

- COMPREND LA MEMOIRE CONSOMMEE PAR JEVEUX,

LE SUPERVISEUR PYTHON, LES LIBRAIRIES EXTERNES

<I> FIN D'EXECUTION LE : JE-30-JANV-2025 18:58:36

DeprecationWarning: PY_SSIZE_T_CLEAN will be required for '#' formats

libaster.jeveux_finalize(options)

Signature of pickled file :

457e9551c6c3037e29e5b7c27532001e71d0ef25adb03219cf892b7b0a40ae2b

Signature of info file :

16dc7beddabaef427df0d4b34ce94bcd384a052c2e499b7e9c8849c2d2e52de

Signature of Jeveux database:

18adb12b8377ee1197cd9f6792de483398b368b887863b98a1e5cfbb74b2df9f

* COMMAND : USER : SYSTEM : USER+SYS :

ELAPSED *

* DEBUT : 0.04 : 0.14 : 0.18 : 0.18 *

* 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 :	0.00 :	0.00 :	0.00 *
* 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 :	0.00 *
* LIRE_MALLAGE	:	0.55 :	0.04 :	0.59 :	0.59 *
* DEFI_GROUP	:	0.36 :	0.00 :	0.36 :	0.36
*					
* DEFI_GROUP	:	0.01 :	0.00 :	0.01 :	0.01
*					
* AFFE_MODELE	:	0.66 :	0.02 :	0.68 :	0.67
*					
* AFFE_MATERIAU	:	0.00 :	0.00 :	0.00 :	0.00
*					
* CREA_CHAMP	:	0.01 :	0.01 :	0.02 :	0.01
*					
* FORMULE	:	0.00 :	0.00 :	0.00 :	0.00
*					
* FORMULE	:	0.00 :	0.00 :	0.00 :	0.00
*					
* FORMULE	:	0.00 :	0.00 :	0.00 :	0.01
*					
* FORMULE	:	0.00 :	0.00 :	0.00 :	0.00
*					
* AFFE_CHAR_THER_F	:	0.31 :	0.03 :	0.34 :	0.33
*					
* AFFE_CHAR_THER_F	:	0.27 :	0.03 :	0.30 :	0.31

```

*
* AFPE_CHAR_THER_F      :      0.07 :      0.00 :      0.07 :      0.08
*
* AFPE_CHAR_THER        :      0.10 :      0.02 :      0.12 :      0.11
*
* DEFI_LIST_REEL        :      0.00 :      0.00 :      0.00 :      0.00 *
* THER_NON_LINE          :    32099.06 :     515.13 :    32614.19 :    32620.63
*
* FIN                    :      0.14 :      0.13 :      0.27 :      0.28 *
* . check syntax         :      0.02 :      0.00 :      0.02 :      0.02 *
* . fortran              :    32101.31 :     511.06 :    32612.37 :    32618.80 *

*****

* TOTAL_JOB              :    32101.62 :     515.55 :    32617.17 :    32623.62
*

*****

# Mémoire (Mo) :   9004.63 /   546.26 /   8468.74 /   294.10 (VmPeak / VmSize /
Optimum / Minimum)

# Fin commande #0026   user+syst:      0.14s (syst:      0.13s, elaps:
0.28s)

# -----
-----

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,

    )

    FC_0 = simscale_macros.GET_MIN_MAX_TABLE(

        GROUP_NO="result_control_0",

        NOM_CHAM="TEMP",

        NOM_CMP=("TEMP"),

        RESULTAT=SIM,

        TITLE="min-max",

    )

    DEFI_FICHIER(

```

```

    ACCES="NEW",

    ACTION="ASSOCIER",

    FICHIER="REPE_OUT/402976f2-03f6-49b9-b056-716ae7be8171",

    TYPE="ASCII",

    UNITE=30,

)

IMPR_TABLE(

    COMM_PARA="$$",

    FORMAT="TABLEAU",

    FORMAT_R="E12.5",

    SEPARATEUR=";",

    TABLE=FC_0,

    UNITE=30,

)

DEFI_FICHIER(

    ACTION="LIBERER",

    UNITE=30,

)

FC_1 = simscale_macros.GET_MIN_MAX_TABLE(

    GROUP_NO="result_control_1",

    NOM_CHAM="TEMP",

    NOM_CMP=("TEMP"),

    RESULTAT=SIM,

    TITLE="min-max",

)

DEFI_FICHIER(

    ACCES="NEW",

```

```

ACTION="ASSOCIER",

FICHIER="REPE_OUT/a3d40371-2444-47fe-9763-0a4e32000910",

TYPE="ASCII",

UNITE=30,

)

IMPR_TABLE(

    COMM_PARA="$$",

    FORMAT="TABLEAU",

    FORMAT_R="E12.5",

    SEPARATEUR=";",

    TABLE=FC_1,

    UNITE=30,

)

DEFI_FICHIER(

    ACTION="LIBERER",

    UNITE=30,

)

simscale_macros.PRINT_PROBE_DATA(

    PLOTS=_F(

        COORDINATES=(0.0, 0.0, 0.0),

        NOM_CHAM="TEMP",

        NOM_CMP=("TEMP"),

        TABLE_PATH="REPE_OUT/d41aff05-51f0-4860-80e3-e6f73ccbe1dd",

        TITLE=",d41aff05-51f0-4860-80e3-e6f73ccbe1dd,",

    ),

    RESULTAT=SIM,

)

```

Restricted mesh (only volume elements) for global fields printing

```
MESH_PP = CREA_MALLAGE(  
    MAILLAGE=MESH,  
    RESTREINT=_F(  
        GROUP_MA=("region1"),  
    ),  
)
```

Restricted model definition for global fields printing

```
MOD_PP = AFFE_MODELE(  
    AFFE=(  
        _F(  
            MODELISATION="3D",  
            PHENOMENE="THERMIQUE",  
            TOUT="OUI",  
        ),  
        _F(  
            GROUP_MA=("region1"),  
            MODELISATION="3D",  
            PHENOMENE="THERMIQUE",  
        ),  
    ),  
    MAILLAGE=MESH_PP,  
)
```

Restricted result for global fields printing

```
SIM_PP = EXTR_RESU(  
    ARCHIVAGE=_F(  
        NOM_CHAM=("TEMP"),
```

```

        PAS_ARCH=1,

    ),

    RESTREINT=_F(

        MODELE=MOD_PP,

    ),

    RESULTAT=SIM,

)

# Destroying intermediate objects for global fields result restriction

DETRUIRE(

    INFO=1,

    NOM=(MESH, MODEL, SIM),

)

# Solution fields in file

IMPR_RESU(

    FORMAT="MED",

    RESU=_F(

        NOM_CHAM="TEMP",

        NOM_CHAM_MED="temperature",

        NOM_CMP=("TEMP"),

        RESULTAT=SIM_PP,

    ),

    UNITE=80,

)

finally:

    # Input file end

    FIN(

        INFO_RESU="NON",

```

```
PROC0="OUI",  
RETASSAGE="NON",  
)
```


MPI_Init...

calling MPI_Init...

Ouverture en écriture du fichier ./vola.1

<INFO> Démarrage de l'exécution.

-- CODE_ASTER -- VERSION : CORRECTIVE AVANT STABILISATION
(stable-updates) --

Version 15.6.10 modifiée le 14/12/2022

révision cf12489e9fcc - branche 'v15'

Copyright EDF R&D 1991 - 2025

Exécution du : Thu Jan 30 19:00:48 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 : 60000.00 Mo

consommée par l'initialisation : 484.87

Mo

reste pour l'allocation dynamique :

59515.13 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	: 13895
Nombre d'enregistrements maximum	: 2684354
Nombre d'enregistrements par fichier	: 15728
Longueur d'enregistrement (octets)	: 819200
Nombre d'identificateurs utilisés	: 67952
Taille maximum du répertoire	: 128000
Pourcentage d'utilisation du répertoire	: 53 %

Ouverture en lecture du fichier ./glob.1

Ouverture en écriture du fichier ./vola.1

End of reading (lasted 0.000001 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'>
BC_3	<class 'libaster.ThermalLoadReal'>
TIMELIST	<class 'libaster.ListOfFloats'>
SIM	<class 'libaster.ThermalResult'>

Mémoire (Mo) : 8905.42 / 8903.92 / 8383.37 / 208.05 (VmPeak / VmSize / Optimum / Minimum)

Fin commande #0001 user+syst: 0.58s (syst: 4.04s, elaps:
4.67s)

.. _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 ('<00000009>') de type <Mesh>

Mémoire (Mo) : 8905.42 / 8903.92 / 8383.37 / 208.05 (VmPeak / VmSize /
Optimum / Minimum)

Fin commande #0002 user+syst: 0.00s (syst: 0.00s, elaps:
0.00s)

.. _stg1_txt27

Commande #0003 de fort.1, ligne 27

GET_MIN_MAX_TABLE(GROUP_NO='result_control_0',
 NOM_CHAM='TEMP',
 NOM_CMP='TEMP',
 RESULTAT=SIM,

TITLE='min-max')

The column MAILLE is empty.

The column MAILLE is empty.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Résultat commande #0003 (GET_MIN_MAX_TABLE): '<0000001b>' de type <Table>

Mémoire (Mo) : 8938.04 / 8923.79 / 8400.13 / 208.05 (VmPeak / VmSize /
Optimum / Minimum)

Fin commande #0003 user+syst: 10.83s (syst: 3.66s, elaps:
14.49s)

.._stg1_txt35

Commande #0011 de fort.1, ligne 35

```
DEFI_FICHIER(ACCES='NEW',  
              ACTION='ASSOCIER',  
              FICHIER='REPE_OUT/402976f2-03f6-49b9-b056-716ae7be8171',  
              TYPE='ASCII',  
              UNITE=30)
```

Mémoire (Mo) : 8938.04 / 8923.79 / 8400.13 / 208.05 (VmPeak / VmSize /
Optimum / Minimum)

Fin commande #0011 user+syst: 0.00s (syst: 0.00s, elaps:
0.00s)

.._stg1_txt43

Commande #0012 de fort.1, ligne 43

```
IMPR_TABLE(COMMENTAIRE='#',  
            COMM_PARA='$$',  
            DEBUT_LIGNE="",  
            FIN_LIGNE='\n',  
            FIN_TABLE="",  
            FORMAT='TABLEAU',
```

```
FORMAT_R='E12.5',  
IMPR_FONCTION='NON',  
INFO=1,  
SEPARATEUR=',',  
TABLE='<0000001b>',  
UNITE=30)
```

```
# Mémoire (Mo) : 8938.04 / 8923.54 / 8400.13 / 208.05 (VmPeak / VmSize /  
Optimum / Minimum)
```

```
# Fin commande #0012    user+syst:      0.02s (syst:      0.00s, elaps:  
0.02s)
```

```
# -----  
-----
```

```
.._stg1_txt52
```

```
# -----  
-----
```

```
# Commande #0013 de fort.1, ligne 52
```

```
DEFI_FICHIER(ACTION='LIBERER',  
UNITE=30)
```

```
# Mémoire (Mo) : 8938.04 / 8923.54 / 8400.13 / 208.05 (VmPeak / VmSize /  
Optimum / Minimum)
```

```
# Fin commande #0013    user+syst:      0.00s (syst:      0.00s, elaps:  
0.00s)
```

```
# -----  
-----
```

```
.._stg1_txt57
```

```
# -----  
-----
```

```
# Commande #0014 de fort.1, ligne 57
```

```
GET_MIN_MAX_TABLE(GROUP_NO='result_control_1',
```

NOM_CHAM='TEMP',

NOM_CMP='TEMP',

RESULTAT=SIM,

TITLE='min-max')

The column MAILLE is empty.

The column MAILLE is empty.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Résultat commande #0014 (GET_MIN_MAX_TABLE): '<00000020>' de type <Table>

Mémoire (Mo) : 8940.22 / 8930.41 / 8401.12 / 208.05 (VmPeak / VmSize /
Optimum / Minimum)

Fin commande #0014 user+syst: 10.90s (syst: 2.95s, elaps:
13.85s)

.._stg1_txt65

Commande #0022 de fort.1, ligne 65

DEFI_FICHER(ACCES='NEW',

ACTION='ASSOCIER',

FICHER='REPE_OUT/a3d40371-2444-47fe-9763-0a4e32000910',

TYPE='ASCII',

UNITE=30)

Mémoire (Mo) : 8940.22 / 8930.41 / 8401.12 / 208.05 (VmPeak / VmSize /
Optimum / Minimum)

Fin commande #0022 user+syst: 0.00s (syst: 0.00s, elaps:
0.00s)

.._stg1_txt73

Commande #0023 de fort.1, ligne 73

IMPR_TABLE(COMMENTAIRE='#',

COMM_PARA='\$\$',

DEBUT_LIGNE="",

```
FIN_LIGNE='\n',  
FIN_TABLE='',  
FORMAT='TABLEAU',  
FORMAT_R='E12.5',  
IMPR_FONCTION='NON',  
INFO=1,  
SEPARATEUR=',',  
TABLE='<00000020>',  
UNITE=30)
```

```
# Mémoire (Mo) : 8940.22 / 8930.41 / 8401.12 / 208.05 (VmPeak / VmSize /  
Optimum / Minimum)
```

```
# Fin commande #0023    user+syst:      0.02s (syst:      0.00s, elaps:  
0.02s)
```

```
# -----  
-----
```

```
.._stg1_txt82
```

```
# -----  
-----
```

```
# Commande #0024 de fort.1, ligne 82
```

```
DEFI_FICHER(ACTION='LIBERER',
```

```
UNITE=30)
```

```
# Mémoire (Mo) : 8940.22 / 8930.41 / 8401.12 / 208.05 (VmPeak / VmSize /  
Optimum / Minimum)
```

```
# Fin commande #0024    user+syst:      0.00s (syst:      0.00s, elaps:  
0.00s)
```

```
# -----  
-----
```

```
.._stg1_txt87
```

```
# -----
```

Commande #0025 de fort.1, ligne 87

```
PRINT_PROBE_DATA(CRITERE='RELATIF',  
                  DISTANCE_MAX=1000000.0,  
                  PLOTS=_F(COORDINATES=(0.0, 0.0, 0.0),  
                            NOM_CHAM='TEMP',  
                            NOM_CMP='TEMP',  
                            TABLE_PATH='REPE_OUT/d41aff05-51f0-4860-80e3-  
e6f73ccbe1dd',  
                            TITLE=',d41aff05-51f0-4860-80e3-e6f73ccbe1dd,')  
                  PRECISION=1e-06,  
                  RESULTAT=SIM,  
                  UNITE_MALLAGE=25,  
                  UNITE_TABLE=30)
```

Vérification du maillage.

----- MAILLAGE 00000021 - IMPRESSIONS NIVEAU 1 -----

JE-30-JANV-2025 19:01:22

NOMBRE DE NOEUDS	1	
NOMBRE DE MAILLES	1	
POI1	1	
NOMBRE DE GROUPES DE NOEUDS	1	
GRP0		1
NOMBRE DE GROUPES DE MAILLES	1	
GRP0		1

Sur les 1 mailles du maillage 00000021, on a demandé l'affectation de 1, on a pu en affecter 1.

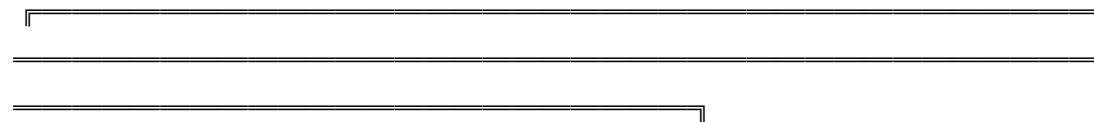
Modélisation	Formulation	Type maille	Élément fini	Nombre
DIS_T	_	POI1	MECA_DIS_T_N	1

#2 Calculs elementaires et assemblages CPU
 (USER+SYST/SYST/ELAPS): 0.01 0.01 0.01

PROJ_CHAMP (or LIAISON_MAILLE) :

Node N0 with coordinates (0.000000e+00,0.000000e+00,0.000000e+00) is projected
 at distance

3.170849e+00



|| <A> <CALCULEL5_48>

||

||

||

|| Vous utilisez la commande PROJ_CHAMP ou un mot clé nécessitant de "projeter"

||

|| des noeuds sur des mailles (par exemple LIAISON_MAIL).

||

|| Il y a 1 noeuds qui ont été projetés sur des mailles jugées distantes.

||

||

||

|| Les noeuds sont jugés distants si :

||

|| * la distance à la maille la plus proche est supérieure à DISTANCE_ALARME

||

|| (si ce mot clé est utilisé).

||

|| * ou si la distance à la maille la plus proche est supérieure à 1/10ème

||

|| de la taille de cette maille (si le mot clé DISTANCE_ALARME n'est pas utilisé).

||

||

||

|| Les 1 noeuds les plus éloignés ont été imprimés ci-dessus.

||

||

||

|| Risques et conseils :

||

|| * Un maillage constitué des noeuds distants a été imprimé au format MED.

||

|| La visualisation de ce maillage pourra vous rassurer (ou non).

||

|| Le nom du fichier MED est : REPE_OUT/maillage_proj_join_00000001.med

||

|| * Le mot clé DISTANCE_MAX permet d'éviter que les noeuds trop distants ne
soient ||

|| projetés (ou "liés" quand on utilise le mot clé LIAISON_MAIL).

||

|| * Le mot clé DISTANCE_ALARME permet d'éviter cette alarme.

||

||

||

||

||

||

||

|| This is a warning. If you do not understand the meaning of this

||

|| warning, you can obtain unexpected results!
||

Création du fichier au format MED 3.3.1.

DeprecationWarning: PY_SSIZE_T_CLEAN will be required for '#' formats

```
return libaster.call_oper(syntax, 0)
```

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Only the first 500 values are checked.

Mémoire (Mo) : 9021.81 / 9003.36 / 8480.75 / 245.18 (VmPeak / VmSize /
Optimum / Minimum)

Fin commande #0025 user+syst: 7.52s (syst: 0.76s, elaps:
8.28s)

.._stg1_txt99

Commande #0036 de fort.1, ligne 99

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 00000027 - IMPRESSIONS NIVEAU 1 -----

ASTER 15.06.10 CONCEPT 00000027 CALCULE LE 30/01/2025 A 19:01:31 DE TYPE

MAILLAGE_SDASTER

NOMBRE DE NOEUDS 88282

NOMBRE DE MAILLES 288857

TETRA4 288857

NOMBRE DE GROUPES DE MAILLES 1

region1 288857

Résultat commande #0036 (CREA_MAILLAGE): MESH_PP ('<00000027>') de type
<Mesh>

Dépend de :

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

Mémoire (Mo) : 9050.76 / 9041.94 / 8515.68 / 263.30 (VmPeak / VmSize /
Optimum / Minimum)

Fin commande #0036 user+syst: 0.90s (syst: 0.02s, elaps:
0.92s)

.._stg1_txt107

Commande #0037 de fort.1, ligne 107

MOD_PP = AFFE_MODELE(AFFE=(_F(MODELISATION='3D',

PHENOMENE='THERMIQUE',

TOUT='OUI'),

_F(GROUP_MA='region1',

```

MODELISATION='3D',
PHENOMENE='THERMIQUE')),
DISTRIBUTION=_F(METHODE='SOUS_DOMAINE',
PARTITIONNEUR='METIS'),
INFO=1,
MAILLAGE=MESH_PP,
VERI_JACOBIEN='OUI',
VERI_NORM_IFS='OUI')

```

Sur les 288857 mailles du maillage 00000027, on a demandé l'affectation de 288857, on a pu en

affecter 288857.

Modélisation	Formulation	Type maille	Élément fini	Nombre
3D	_	TETRA4	THER_TETRA4	288857
#2	Calculs elementaires et assemblages			CPU
(USER+SYST/SYST/ELAPS):		0.08	0.00	0.09

Résultat commande #0037 (AFFE_MODELE): MOD_PP ('<00000028>') de type <Model>

Dépend de :

- MESH_PP ('<00000027>') de type <Mesh>

Mémoire (Mo) : 9092.07 / 9081.03 / 8526.39 / 263.30 (VmPeak / VmSize / Optimum / Minimum)

Fin commande #0037 user+syst: 0.46s (syst: 0.00s, elaps: 0.46s)

.._stg1_txt124

Commande #0038 de fort.1, ligne 124

```

SIM_PP = EXTR_RESU(ARCHIVAGE=_F(CRITERE='RELATIF',
                                NOM_CHAM='TEMP',
                                PAS_ARCH=1,
                                PRECISION=1e-06),
                  INFO=1,
                  RESTREINT=_F(MODELE=MOD_PP),
                  RESULTAT=SIM)

```

STRUCTURE DU CONCEPT 00000029 CALCULE POUR 4501 NUMEROS
D'ORDRE

LISTE DES NOMS SYMBOLIQUES:

```

! ----- !-----!
! NUME_ORDRE !      TEMP      !
! ----- !-----!
!           0 !    TEMP_R    !
!           ... !      ...    !
!        4500 !    TEMP_R    !
! ----- !-----!

```

LISTE DES NOMS DE VARIABLES D'ACCES:

INST DE TYPE R

LISTE DES NOMS DE PARAMETRES:

```

! ----- !-----!-----!-----!-----
---!-----!-----!-----!
! NUME_ORDRE !    MODELE    !  CHAMPMAT  !  CARAELEM  !
EXCIT      !  ITER_GLOB  !  PARM_THETA  !  DELTAT    !
! ----- !-----!-----!-----!-----
---!-----!-----!-----!
!           0 !    K8      !    K8      !    K8      !
K24      !      !      !    R      !    R      !

```

```

!      ...!      ...      !      ...      !      ...      !      ...      !
...      !      ...      !      ...      !

!      4500!      K8      !      K8      !      K8      !
K24      !      |      !      R      !      R      !

!-----!-----!-----!-----!-----!-----
----!-----!-----!-----!-----!

```

Résultat commande #0038 (EXTR_RESU): SIM_PP ('<00000029>') de type
<ThermalResult>

Dépend de :

- MOD_PP ('<00000028>') de type <Model>

Mémoire (Mo) : 12134.09 / 12133.14 / 11559.90 / 263.30 (VmPeak / VmSize /
Optimum / Minimum)

Fin commande #0038 user+syst: 20.46s (syst: 6.34s, elaps:
26.80s)

```

# -----
-----

.._stg1_txt136

```

```

# -----
-----

```

Commande #0039 de fort.1, ligne 136

```

DETRUIRE(INFO=1,

          NOM=(MESH, MODEL, SIM))

```

Suppression de la référence : 'MESH'

Suppression de la référence : 'MODEL'

Suppression de la référence : 'SIM'

Mémoire (Mo) : 12134.09 / 12132.64 / 11559.90 / 263.30 (VmPeak / VmSize /
Optimum / Minimum)

Fin commande #0039 user+syst: 0.03s (syst: 0.00s, elaps:
0.03s)

```

# -----

```



```

-----
.._stg1_txt142
# -----
-----

# Commande #0040 de fort.1, ligne 142
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) : 12152.36 / 12142.20 / 11574.04 /    263.30 (VmPeak / VmSize /
Optimum / Minimum)

# Fin commande #0040    user+syst:      14.12s (syst:      7.97s, elaps:
22.10s)

# -----
-----

.._stg1_txt155
# -----
-----

# Commande #0041 de fort.1, ligne 155
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'>
BC_3	<class 'libaster.ThermalLoadReal'>
TIMELIST	<class 'libaster.ListOfFloats'>
FC_0	<class 'libaster.Table'>
FC_1	<class 'libaster.Table'>

```
MESH_PP          <class 'libaster.Mesh'>
MOD_PP           <class 'libaster.Model'>
SIM_PP           <class 'libaster.ThermalResult'>
```

[illegible]

|| <I> <CATAMESS_89>

11

1

1

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

11

1

11

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

11

|| Number of occurrences for each warning:

11

	CALCULEL5_48	emitted	1 time
--	--------------	---------	--------

1

Concepts de la base: G

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

TOTAL		11409.67	63375
86080			
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
91	00000009 MAILLAGE_SDASTER	43.14	38
14	0000000a MODELE_SDASTER	14.07	9
14	0000000b CHAM_MATER	2.20	9
12	0000000c CHAM_NO_SDASTER	4.72	10
4	0000000d FORMULE	0.00	4
4	0000000e FORMULE	0.00	4
4	0000000f FORMULE	0.00	4

4	00000010	FORMULE	0.00	4
51	00000011	CHAR_THER	25.22	31
34	00000012	CHAR_THER	6.69	24
24	00000013	CHAR_THER	2.20	19
24	00000014	CHAR_THER	3.35	19
6	00000015	LISTR8_SDASTER	0.03	6
67543	00000016	EVOL_THER	8193.37	45029
18026	00000029	EVOL_THER	3042.58	18020
11	0000001b	TABLE_SDASTER	0.21	11
11	00000020	TABLE_SDASTER	0.21	11
52	00000027	MAILLAGE_SDASTER	32.18	38
14	00000028	MODELE_SDASTER	9.50	9
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

-

Ouverture en écriture du fichier ./glob.2

Nom de la base	:	GlobALE
Nombre d'enregistrements utilisés	:	18471
Nombre d'enregistrements maximum	:	2684354
Nombre d'enregistrements par fichier	:	15728
Longueur d'enregistrement (octets)	:	819200
Nombre total d'accès en lecture	:	13890
Volume des accès en lecture	:	10851.56 Mo.
Nombre total d'accès en écriture	:	4826
Volume des accès en écriture	:	3770.31 Mo.
Nombre d'identificateurs utilisés	:	102189

Taille maximum du répertoire	:	128000
Pourcentage d'utilisation du répertoire	:	79 %
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	:	377
Taille maximum du répertoire	:	2000
Pourcentage d'utilisation du répertoire	:	18 %

<I> <FIN> ARRET NORMAL DANS "FIN" PAR APPEL A "JEFINI".

<I> <FIN> MEMOIRE JEVEUX MINIMALE REQUISE POUR L'EXECUTION :
263.30 Mo

<I> <FIN> MEMOIRE JEVEUX OPTIMALE REQUISE POUR L'EXECUTION :
11574.04 Mo

<I> <FIN> MAXIMUM DE MEMOIRE UTILISEE PAR LE PROCESSUS LORS DE
L'EXECUTION : 12152.36 Mo

<I> FERMETURE DES BASES EFFECTUEE

STATISTIQUES CONCERNANT L'ALLOCATION DYNAMIQUE :

TAILLE CUMULEE MAXIMUM	:	11574 Mo.
TAILLE CUMULEE LIBEREE	:	11662 Mo.
NOMBRE TOTAL D'ALLOCATIONS	:	4911723
NOMBRE TOTAL DE LIBERATIONS	:	4911723
APPELS AU MECANISME DE LIBERATION	:	0

TAILLE MEMOIRE CUMULEE RECUPEREE : 0 Mo.

VOLUME DES LECTURES : 0 Mo.

VOLUME DES ECRITURES : 0 Mo.

MEMOIRE JEVEUX MINIMALE REQUISE POUR L'EXECUTION : 263.30 Mo

- IMPOSE DE NOMBREUX ACCES DISQUE

- RALENTIT LA VITESSE D'EXECUTION

MEMOIRE JEVEUX OPTIMALE REQUISE POUR L'EXECUTION : 11574.04 Mo

- LIMITE LES ACCES DISQUE

- AMELIORE LA VITESSE D'EXECUTION

MAXIMUM DE MEMOIRE UTILISEE PAR LE PROCESSUS : 12152.36 Mo

- COMPREND LA MEMOIRE CONSOMMEE PAR JEVEUX,

LE SUPERVISEUR PYTHON, LES LIBRAIRIES EXTERNES

<I> FIN D'EXECUTION LE : JE-30-JANV-2025 19:02:23

DeprecationWarning: PY_SSIZE_T_CLEAN will be required for '#' formats

libaster.jeux_finalize(options)

Signature of pickled file :

5f6bd88e5844f55e7662b8d9f7d5a64fac89ef54161ce25be48f86daca14eb17

Signature of info file :

ecbd13cd9eddf5dddf309a3b391929ca98484edb35b3589a103c60ca4335a9b

Signature of Jeux database:

069d60eafadc9b1efd4b65997457edefc43bd6b263bd8cd7de3043f52db947a3

* COMMAND : USER : SYSTEM : USER+SYS :
ELAPSED *

* POURSUITE : 0.58 : 4.04 : 4.62 : 4.67
*

* MODI_MODELE : 0.00 : 0.00 : 0.00 :

0.00 *

* GET_MIN_MAX_TABLE	:	10.83 :	3.66 :	14.49 :	14.49
---------------------	---	---------	--------	---------	-------

*

* DEFI_FICHIER	:	0.00 :	0.00 :	0.00 :	0.00 *
----------------	---	--------	--------	--------	--------

* IMPR_TABLE	:	0.02 :	0.00 :	0.02 :	0.02 *
--------------	---	--------	--------	--------	--------

* DEFI_FICHIER	:	0.00 :	0.00 :	0.00 :	0.00 *
----------------	---	--------	--------	--------	--------

* GET_MIN_MAX_TABLE	:	10.90 :	2.95 :	13.85 :	13.85
---------------------	---	---------	--------	---------	-------

*

* DEFI_FICHIER	:	0.00 :	0.00 :	0.00 :	0.00 *
----------------	---	--------	--------	--------	--------

* IMPR_TABLE	:	0.02 :	0.00 :	0.02 :	0.02 *
--------------	---	--------	--------	--------	--------

* DEFI_FICHIER	:	0.00 :	0.00 :	0.00 :	0.00 *
----------------	---	--------	--------	--------	--------

* PRINT_PROBE_DATA	:	7.52 :	0.76 :	8.28 :	8.28
--------------------	---	--------	--------	--------	------

*

* CREA_MALLAGE	:	0.90 :	0.02 :	0.92 :	0.92
----------------	---	--------	--------	--------	------

*

* AFFE_MODELE	:	0.46 :	0.00 :	0.46 :	0.46
---------------	---	--------	--------	--------	------

*

* EXTR_RESU	:	20.46 :	6.34 :	26.80 :	26.80 *
-------------	---	---------	--------	---------	---------

* DETRUIRE	:	0.03 :	0.00 :	0.03 :	0.03 *
------------	---	--------	--------	--------	--------

* IMPR_RESU	:	14.12 :	7.97 :	22.09 :	22.10
-------------	---	---------	--------	---------	-------

*

* FIN	:	1.50 :	1.35 :	2.85 :	2.90 *
-------	---	--------	--------	--------	--------

* . check syntax	:	0.23 :	0.00 :	0.23 :	0.23 *
------------------	---	--------	--------	--------	--------

* . fortran	:	66.32 :	27.07 :	93.39 :	93.48 *
-------------	---	---------	---------	---------	---------

* TOTAL_JOB	:	67.35 :	27.14 :	94.49 :	94.75
-------------	---	---------	---------	---------	-------

*

Mémoire (Mo) : 12152.36 / 584.71 / 11574.04 / 263.30 (VmPeak / VmSize /

Optimum / Minimum)

Fin commande #0041 user+syst: 1.50s (syst: 1.35s, elaps:
2.90s)

End of the Code_Aster execution

Code_Aster MPI exits normally

Exited

EXECUTION_CODE_ASTER_EXIT_12=0

Fixed temperature value 500 C Convective heat flux 500 C Volume heat flux 5 w/m2
Surface heat flux 2000 w/m2