

=====

Sequence: Sequence 1

=====

-----

Parameter Values:

tet = 1.2217305  
Shift = 1  
swA = 0.5  
swB = 0.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

-----

Parameter Values:

tet = 1.2217305  
Shift = 1  
swA = 0.5  
swB = 1.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

-----

Parameter Values:

tet = 1.2217305  
Shift = 1  
swA = 1.5  
swB = 0.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

-----

Parameter Values:

tet = 1.2217305  
Shift = 1  
swA = 1.5  
swB = 1.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

-----

Parameter Values:

tet = 1.2653637  
Shift = 1

swA = 0.5  
swB = 0.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 1  
swA = 0.5  
swB = 1.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 1  
swA = 1.5  
swB = 0.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 1  
swA = 1.5  
swB = 1.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 1  
swA = 0.5  
swB = 0.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 1  
swA = 0.5  
swB = 1.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 48 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 1  
swA = 1.5  
swB = 0.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 1  
swA = 1.5  
swB = 1.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 1  
swA = 0.5  
swB = 0.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 1  
swA = 0.5  
swB = 1.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

## Parameter Values:

tet = 1.3526302  
Shift = 1  
swA = 1.5  
swB = 0.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 1  
swA = 1.5  
swB = 1.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 1  
swA = 0.5  
swB = 0.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 1  
swA = 0.5  
swB = 1.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 1  
swA = 1.5  
swB = 0.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

Parameter Values:

tet = 1.3962634  
Shift = 1  
swA = 1.5  
swB = 1.5

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

Sequence: Sequence 2

Parameter Values:

tet = 1.2217305  
Shift = 2  
swA = 1  
swB = 1

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

Parameter Values:

tet = 1.2217305  
Shift = 2  
swA = 1  
swB = 2.5

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

Parameter Values:

tet = 1.2217305  
Shift = 2  
swA = 1  
swB = 3.5

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

Parameter Values:

tet = 1.2217305  
Shift = 2  
swA = 2.5  
swB = 1

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 45 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 2  
swA = 2.5  
swB = 2.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 2  
swA = 2.5  
swB = 3.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 2  
swA = 3.5  
swB = 1

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 2  
swA = 3.5  
swB = 2.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 47 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 2  
swA = 3.5  
swB = 3.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 2  
swA = 1  
swB = 1

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 2  
swA = 1  
swB = 2.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 2  
swA = 1  
swB = 3.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 2  
swA = 2.5  
swB = 1

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2653637

Shift = 2

swA = 2.5

swB = 2.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2653637

Shift = 2

swA = 2.5

swB = 3.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2653637

Shift = 2

swA = 3.5

swB = 1

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2653637

Shift = 2

swA = 3.5

swB = 2.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.2653637

Shift = 2

swA = 3.5

swB = 3.5



Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 2  
swA = 1  
swB = 1

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 2  
swA = 1  
swB = 2.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 2  
swA = 1  
swB = 3.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 57 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 2  
swA = 2.5  
swB = 1

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 2

swA = 2.5  
swB = 2.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 2  
swA = 2.5  
swB = 3.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 50 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 2  
swA = 3.5  
swB = 1

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 35 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 2  
swA = 3.5  
swB = 2.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 2  
swA = 3.5  
swB = 3.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 2  
swA = 1  
swB = 1

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 2  
swA = 1  
swB = 2.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 2  
swA = 1  
swB = 3.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 2  
swA = 2.5  
swB = 1

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 2  
swA = 2.5  
swB = 2.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

## Parameter Values:

tet = 1.3526302  
Shift = 2  
swA = 2.5  
swB = 3.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 2  
swA = 3.5  
swB = 1

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 2  
swA = 3.5  
swB = 2.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 39 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 2  
swA = 3.5  
swB = 3.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 2  
swA = 1  
swB = 1

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 2  
swA = 1  
swB = 2.5

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 2  
swA = 1  
swB = 3.5

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 36 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 2  
swA = 2.5  
swB = 1

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 2  
swA = 2.5  
swB = 2.5

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 2  
swA = 2.5  
swB = 3.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 36 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 2  
swA = 3.5  
swB = 1

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 2  
swA = 3.5  
swB = 2.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 2  
swA = 3.5  
swB = 3.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 36 sec.

---

Sequence: Sequence 3

---

---

Parameter Values:

tet = 1.2217305  
Shift = 3  
swA = 2  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 3  
swA = 2  
swB = 3

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 36 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 3  
swA = 2  
swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 3  
swA = 2  
swB = 5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 3  
swA = 2  
swB = 5.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 3  
swA = 3  
swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.2217305

Shift = 3

swA = 3

swB = 3

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.2217305

Shift = 3

swA = 3

swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2217305

Shift = 3

swA = 3

swB = 5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.2217305

Shift = 3

swA = 3

swB = 5.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2217305

Shift = 3

swA = 4

swB = 2



Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 3  
swA = 4  
swB = 3

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 3  
swA = 4  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 3  
swA = 4  
swB = 5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 3  
swA = 4  
swB = 5.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 3

swA = 5  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 45 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 3  
swA = 5  
swB = 3

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 3  
swA = 5  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 3  
swA = 5  
swB = 5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 3  
swA = 5  
swB = 5.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 3  
swA = 5.5  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 3  
swA = 5.5  
swB = 3

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 3  
swA = 5.5  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 3  
swA = 5.5  
swB = 5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 3  
swA = 5.5  
swB = 5.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

## Parameter Values:

tet = 1.2653637  
Shift = 3  
swA = 2  
swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 39 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 3  
swA = 2  
swB = 3

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 39 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 3  
swA = 2  
swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 39 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 3  
swA = 2  
swB = 5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 3  
swA = 2  
swB = 5.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 36 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 3  
swA = 3  
swB = 2

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 3  
swA = 3  
swB = 3

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 36 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 3  
swA = 3  
swB = 4

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 36 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 3  
swA = 3  
swB = 5

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 3  
swA = 3  
swB = 5.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 3  
swA = 4  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 3  
swA = 4  
swB = 3

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 3  
swA = 4  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 3  
swA = 4  
swB = 5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 3  
swA = 4

swB = 5.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

-----  
Parameter Values:

tet = 1.2653637

Shift = 3

swA = 5

swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 36 sec.

-----  
Parameter Values:

tet = 1.2653637

Shift = 3

swA = 5

swB = 3

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 36 sec.

-----  
Parameter Values:

tet = 1.2653637

Shift = 3

swA = 5

swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 36 sec.

-----  
Parameter Values:

tet = 1.2653637

Shift = 3

swA = 5

swB = 5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

-----  
Parameter Values:

tet = 1.2653637

Shift = 3  
swA = 5  
swB = 5.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 3  
swA = 5.5  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 3  
swA = 5.5  
swB = 3

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 36 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 3  
swA = 5.5  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 3  
swA = 5.5  
swB = 5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:



tet = 1.2653637  
Shift = 3  
swA = 5.5  
swB = 5.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 36 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 3  
swA = 2  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 3  
swA = 2  
swB = 3

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 10 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 3  
swA = 2  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 46 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 3  
swA = 2  
swB = 5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 3  
swA = 2  
swB = 5.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 3  
swA = 3  
swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 36 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 3  
swA = 3  
swB = 3

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 36 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 3  
swA = 3  
swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 3  
swA = 3  
swB = 5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 36 sec.

---

Parameter Values:

tet = 1.3089969

Shift = 3

swA = 3

swB = 5.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 36 sec.

---

Parameter Values:

tet = 1.3089969

Shift = 3

swA = 4

swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 49 sec.

---

Parameter Values:

tet = 1.3089969

Shift = 3

swA = 4

swB = 3

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3089969

Shift = 3

swA = 4

swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.3089969

Shift = 3

swA = 4

swB = 5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 36 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 3  
swA = 4  
swB = 5.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 3  
swA = 5  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 3  
swA = 5  
swB = 3

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 3  
swA = 5  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 3

swA = 5  
swB = 5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 46 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 3  
swA = 5  
swB = 5.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 36 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 3  
swA = 5.5  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 3  
swA = 5.5  
swB = 3

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 3  
swA = 5.5  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 3  
swA = 5.5  
swB = 5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 3  
swA = 5.5  
swB = 5.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 3  
swA = 2  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 3  
swA = 2  
swB = 3

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 3  
swA = 2  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

## Parameter Values:

tet = 1.3526302  
Shift = 3  
swA = 2  
swB = 5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 3  
swA = 2  
swB = 5.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 3  
swA = 3  
swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 3  
swA = 3  
swB = 3

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 3  
swA = 3  
swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 3  
swA = 3  
swB = 5

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 3  
swA = 3  
swB = 5.5

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 3  
swA = 4  
swB = 2

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 3  
swA = 4  
swB = 3

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 3  
swA = 4  
swB = 4



Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 3  
swA = 4  
swB = 5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 3  
swA = 4  
swB = 5.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 3  
swA = 5  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 3  
swA = 5  
swB = 3

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 3  
swA = 5

swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3526302

Shift = 3

swA = 5

swB = 5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.3526302

Shift = 3

swA = 5

swB = 5.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3526302

Shift = 3

swA = 5.5

swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3526302

Shift = 3

swA = 5.5

swB = 3

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3526302

Shift = 3  
swA = 5.5  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 3  
swA = 5.5  
swB = 5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 3  
swA = 5.5  
swB = 5.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 3  
swA = 2  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 3  
swA = 2  
swB = 3

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 3  
swA = 2  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 3  
swA = 2  
swB = 5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 3  
swA = 2  
swB = 5.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 3  
swA = 3  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 3  
swA = 3  
swB = 3

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 3  
swA = 3  
swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 3  
swA = 3  
swB = 5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 3  
swA = 3  
swB = 5.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 36 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 3  
swA = 4  
swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 3  
swA = 4  
swB = 3

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

-----  
Parameter Values:

tet = 1.3962634

Shift = 3

swA = 4

swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

-----  
Parameter Values:

tet = 1.3962634

Shift = 3

swA = 4

swB = 5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

-----  
Parameter Values:

tet = 1.3962634

Shift = 3

swA = 4

swB = 5.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

-----  
Parameter Values:

tet = 1.3962634

Shift = 3

swA = 5

swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

-----  
Parameter Values:

tet = 1.3962634

Shift = 3

swA = 5

swB = 3

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 3  
swA = 5  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 3  
swA = 5  
swB = 5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 3  
swA = 5  
swB = 5.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 3  
swA = 5.5  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 3

swA = 5.5  
swB = 3

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 3  
swA = 5.5  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 3  
swA = 5.5  
swB = 5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 3  
swA = 5.5  
swB = 5.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 36 sec.

=====

Sequence: Sequence 4

=====

-----  
Parameter Values:

tet = 1.2217305  
Shift = 4  
swB = 2  
swA = 2



Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 4  
swB = 2  
swA = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 4  
swB = 2  
swA = 5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 4  
swB = 2  
swA = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 4  
swB = 2  
swA = 7.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 4  
swB = 4

swA = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 36 sec.

-----  
Parameter Values:

tet = 1.2217305

Shift = 4

swB = 4

swA = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

-----  
Parameter Values:

tet = 1.2217305

Shift = 4

swB = 4

swA = 5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 36 sec.

-----  
Parameter Values:

tet = 1.2217305

Shift = 4

swB = 4

swA = 6

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

-----  
Parameter Values:

tet = 1.2217305

Shift = 4

swB = 4

swA = 7.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 36 sec.

-----  
Parameter Values:

tet = 1.2217305

Shift = 4  
swB = 5  
swA = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 46 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 4  
swB = 5  
swA = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 36 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 4  
swB = 5  
swA = 5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 4  
swB = 5  
swA = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 36 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 4  
swB = 5  
swA = 7.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 4  
swB = 6  
swA = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 4  
swB = 6  
swA = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 4  
swB = 6  
swA = 5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 4  
swB = 6  
swA = 6

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 4  
swB = 6  
swA = 7.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 4  
swB = 7.5  
swA = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 4  
swB = 7.5  
swA = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 4  
swB = 7.5  
swA = 5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 4  
swB = 7.5  
swA = 6

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 4  
swB = 7.5  
swA = 7.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

-----  
Parameter Values:

tet = 1.2653637

Shift = 4

swB = 2

swA = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 39 sec.

-----  
Parameter Values:

tet = 1.2653637

Shift = 4

swB = 2

swA = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

-----  
Parameter Values:

tet = 1.2653637

Shift = 4

swB = 2

swA = 5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

-----  
Parameter Values:

tet = 1.2653637

Shift = 4

swB = 2

swA = 6

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

-----  
Parameter Values:

tet = 1.2653637

Shift = 4

swB = 2

swA = 7.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 4  
swB = 4  
swA = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 4  
swB = 4  
swA = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 4  
swB = 4  
swA = 5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 4  
swB = 4  
swA = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 4

swB = 4  
swA = 7.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 4  
swB = 5  
swA = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 4  
swB = 5  
swA = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 36 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 4  
swB = 5  
swA = 5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 4  
swB = 5  
swA = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:



tet = 1.2653637  
Shift = 4  
swB = 5  
swA = 7.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 4  
swB = 6  
swA = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 4  
swB = 6  
swA = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 4  
swB = 6  
swA = 5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 4  
swB = 6  
swA = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

## Parameter Values:

tet = 1.2653637  
Shift = 4  
swB = 6  
swA = 7.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 4  
swB = 7.5  
swA = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 39 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 4  
swB = 7.5  
swA = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 36 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 4  
swB = 7.5  
swA = 5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 4  
swB = 7.5  
swA = 6

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 4  
swB = 7.5  
swA = 7.5

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

-----  
Parameter Values:

tet = 1.3089969  
Shift = 4  
swB = 2  
swA = 2

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

-----  
Parameter Values:

tet = 1.3089969  
Shift = 4  
swB = 2  
swA = 4

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

-----  
Parameter Values:

tet = 1.3089969  
Shift = 4  
swB = 2  
swA = 5

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

-----  
Parameter Values:

tet = 1.3089969  
Shift = 4  
swB = 2  
swA = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 4  
swB = 2  
swA = 7.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 4  
swB = 4  
swA = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 4  
swB = 4  
swA = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 4  
swB = 4  
swA = 5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 4  
swB = 4

swA = 6

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3089969

Shift = 4

swB = 4

swA = 7.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3089969

Shift = 4

swB = 5

swA = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.3089969

Shift = 4

swB = 5

swA = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3089969

Shift = 4

swB = 5

swA = 5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.3089969

Shift = 4  
swB = 5  
swA = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 4  
swB = 5  
swA = 7.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 4  
swB = 6  
swA = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 4  
swB = 6  
swA = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 4  
swB = 6  
swA = 5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 4  
swB = 6  
swA = 6

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 48 sec.

-----  
Parameter Values:

tet = 1.3089969  
Shift = 4  
swB = 6  
swA = 7.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

-----  
Parameter Values:

tet = 1.3089969  
Shift = 4  
swB = 7.5  
swA = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 39 sec.

-----  
Parameter Values:

tet = 1.3089969  
Shift = 4  
swB = 7.5  
swA = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

-----  
Parameter Values:

tet = 1.3089969  
Shift = 4  
swB = 7.5  
swA = 5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 4  
swB = 7.5  
swA = 6

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 4  
swB = 7.5  
swA = 7.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 4  
swB = 2  
swA = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 4  
swB = 2  
swA = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 4  
swB = 2  
swA = 5

Structure update: Successful



Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3526302

Shift = 4

swB = 2

swA = 6

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3526302

Shift = 4

swB = 2

swA = 7.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3526302

Shift = 4

swB = 4

swA = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.3526302

Shift = 4

swB = 4

swA = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.3526302

Shift = 4

swB = 4

swA = 5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 4  
swB = 4  
swA = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 4  
swB = 4  
swA = 7.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 4  
swB = 5  
swA = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 4  
swB = 5  
swA = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 4

swB = 5  
swA = 5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 4  
swB = 5  
swA = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 4  
swB = 5  
swA = 7.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 4  
swB = 6  
swA = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 4  
swB = 6  
swA = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 4  
swB = 6  
swA = 5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 4  
swB = 6  
swA = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 4  
swB = 6  
swA = 7.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 4  
swB = 7.5  
swA = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 4  
swB = 7.5  
swA = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

## Parameter Values:

tet = 1.3526302  
Shift = 4  
swB = 7.5  
swA = 5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 4  
swB = 7.5  
swA = 6

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 39 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 4  
swB = 7.5  
swA = 7.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 45 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 4  
swB = 2  
swA = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 4  
swB = 2  
swA = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 4  
swB = 2  
swA = 5

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 4  
swB = 2  
swA = 6

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 4  
swB = 2  
swA = 7.5

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 4  
swB = 4  
swA = 2

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 4  
swB = 4  
swA = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 4  
swB = 4  
swA = 5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 4  
swB = 4  
swA = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 4  
swB = 4  
swA = 7.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 4  
swB = 5  
swA = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 4  
swB = 5

swA = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3962634

Shift = 4

swB = 5

swA = 5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3962634

Shift = 4

swB = 5

swA = 6

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.3962634

Shift = 4

swB = 5

swA = 7.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3962634

Shift = 4

swB = 6

swA = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3962634



Shift = 4  
swB = 6  
swA = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 4  
swB = 6  
swA = 5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 4  
swB = 6  
swA = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 4  
swB = 6  
swA = 7.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 4  
swB = 7.5  
swA = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 4  
swB = 7.5  
swA = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 4  
swB = 7.5  
swA = 5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 4  
swB = 7.5  
swA = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 4  
swB = 7.5  
swA = 7.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 45 sec.

---

=====

Sequence: Sequence 5

=====

-----

Parameter Values:

tet = 1.2217305  
Shift = 5

swA = 2  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 5  
swA = 2  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 37 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 5  
swA = 2  
swB = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 5  
swA = 2  
swB = 8

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 5  
swA = 2  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 30 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 5  
swA = 2  
swB = 9.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 5 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 5  
swA = 4  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 5  
swA = 4  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 5  
swA = 4  
swB = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 5  
swA = 4  
swB = 8

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 45 sec.

---

## Parameter Values:

tet = 1.2217305  
Shift = 5  
swA = 4  
swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 18 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 5  
swA = 4  
swB = 9.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 1 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 5  
swA = 6  
swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 39 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 5  
swA = 6  
swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 39 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 5  
swA = 6  
swB = 6

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 5  
swA = 6  
swB = 8

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 44 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 5  
swA = 6  
swB = 9

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 1 min., 25 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 5  
swA = 6  
swB = 9.5

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 1 min., 6 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 5  
swA = 8  
swB = 2

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 45 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 5  
swA = 8  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 46 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 5  
swA = 8  
swB = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 46 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 5  
swA = 8  
swB = 8

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 56 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 5  
swA = 8  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 28 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 5  
swA = 8  
swB = 9.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 27 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 5  
swA = 9

swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 37 sec.

---

Parameter Values:

tet = 1.2217305

Shift = 5

swA = 9

swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 28 sec.

---

Parameter Values:

tet = 1.2217305

Shift = 5

swA = 9

swB = 6

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 29 sec.

---

Parameter Values:

tet = 1.2217305

Shift = 5

swA = 9

swB = 8

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 18 sec.

---

Parameter Values:

tet = 1.2217305

Shift = 5

swA = 9

swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 44 sec.

---

Parameter Values:

tet = 1.2217305



Shift = 5  
swA = 9  
swB = 9.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 28 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 5  
swA = 9.5  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 59 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 5  
swA = 9.5  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 2 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 5  
swA = 9.5  
swB = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 2 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 5  
swA = 9.5  
swB = 8

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 21 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 5  
swA = 9.5  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 28 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 5  
swA = 9.5  
swB = 9.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 22 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 5  
swA = 2  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 5  
swA = 2  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 5  
swA = 2  
swB = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 5  
swA = 2  
swB = 8

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 5  
swA = 2  
swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 21 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 5  
swA = 2  
swB = 9.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 4 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 5  
swA = 4  
swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 5  
swA = 4  
swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.2653637

Shift = 5

swA = 4

swB = 6

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.2653637

Shift = 5

swA = 4

swB = 8

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.2653637

Shift = 5

swA = 4

swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 20 sec.

---

Parameter Values:

tet = 1.2653637

Shift = 5

swA = 4

swB = 9.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 1 sec.

---

Parameter Values:

tet = 1.2653637

Shift = 5

swA = 6

swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 5  
swA = 6  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 5  
swA = 6  
swB = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 5  
swA = 6  
swB = 8

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 46 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 5  
swA = 6  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 23 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 5

swA = 6  
swB = 9.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 2 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 5  
swA = 8  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 5  
swA = 8  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 5  
swA = 8  
swB = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 5  
swA = 8  
swB = 8

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 53 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 5  
swA = 8  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 20 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 5  
swA = 8  
swB = 9.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 8 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 5  
swA = 9  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 19 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 5  
swA = 9  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 21 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 5  
swA = 9  
swB = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 23 sec.

---

## Parameter Values:

tet = 1.2653637  
Shift = 5  
swA = 9  
swB = 8

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 21 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 5  
swA = 9  
swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 44 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 5  
swA = 9  
swB = 9.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 30 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 5  
swA = 9.5  
swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 1 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 5  
swA = 9.5  
swB = 4

Structure update: Successful

Solver: Successful



Solver time: 0 hours, 1 min., 2 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 5  
swA = 9.5  
swB = 6

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 2 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 5  
swA = 9.5  
swB = 8

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 25 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 5  
swA = 9.5  
swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 32 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 5  
swA = 9.5  
swB = 9.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 23 sec.

-----  
Parameter Values:

tet = 1.3089969  
Shift = 5  
swA = 2  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 5  
swA = 2  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 5  
swA = 2  
swB = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 5  
swA = 2  
swB = 8

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 45 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 5  
swA = 2  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 22 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 5  
swA = 2

swB = 9.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 2 sec.

---

Parameter Values:

tet = 1.3089969

Shift = 5

swA = 4

swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.3089969

Shift = 5

swA = 4

swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.3089969

Shift = 5

swA = 4

swB = 6

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.3089969

Shift = 5

swA = 4

swB = 8

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.3089969

Shift = 5  
swA = 4  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 6 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 5  
swA = 4  
swB = 9.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 3 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 5  
swA = 6  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 5  
swA = 6  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 5  
swA = 6  
swB = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 5  
swA = 6  
swB = 8

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 5  
swA = 6  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 28 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 5  
swA = 6  
swB = 9.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 3 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 5  
swA = 8  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 55 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 5  
swA = 8  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 47 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 5  
swA = 8  
swB = 6

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 53 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 5  
swA = 8  
swB = 8

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 8 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 5  
swA = 8  
swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 5  
swA = 8  
swB = 9.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 13 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 5  
swA = 9  
swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 20 sec.

---

Parameter Values:

tet = 1.3089969

Shift = 5

swA = 9

swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 11 sec.

---

Parameter Values:

tet = 1.3089969

Shift = 5

swA = 9

swB = 6

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 24 sec.

---

Parameter Values:

tet = 1.3089969

Shift = 5

swA = 9

swB = 8

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.3089969

Shift = 5

swA = 9

swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 45 sec.

---

Parameter Values:

tet = 1.3089969

Shift = 5

swA = 9

swB = 9.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 32 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 5  
swA = 9.5  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 5 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 5  
swA = 9.5  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 9 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 5  
swA = 9.5  
swB = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 4 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 5  
swA = 9.5  
swB = 8

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 11 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 5



swA = 9.5  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 33 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 5  
swA = 9.5  
swB = 9.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 31 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 2  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 2  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 2  
swB = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 2  
swB = 8

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 45 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 2  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 6 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 2  
swB = 9.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 53 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 4  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 4  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

## Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 4  
swB = 6

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 4  
swB = 8

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 45 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 4  
swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 8 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 4  
swB = 9.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 5 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 6  
swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 6  
swB = 4

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 6  
swB = 6

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 6  
swB = 8

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 46 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 6  
swB = 9

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 1 min., 7 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 6  
swB = 9.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 4 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 8  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 45 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 8  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 8  
swB = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 45 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 8  
swB = 8

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 54 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 8

swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 43 sec.

-----  
Parameter Values:

tet = 1.3526302

Shift = 5

swA = 8

swB = 9.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 11 sec.

-----  
Parameter Values:

tet = 1.3526302

Shift = 5

swA = 9

swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 23 sec.

-----  
Parameter Values:

tet = 1.3526302

Shift = 5

swA = 9

swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 7 sec.

-----  
Parameter Values:

tet = 1.3526302

Shift = 5

swA = 9

swB = 6

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 23 sec.

-----  
Parameter Values:

tet = 1.3526302

Shift = 5  
swA = 9  
swB = 8

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 9  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 45 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 9  
swB = 9.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 37 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 9.5  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 4 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 9.5  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 8 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 9.5  
swB = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 5 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 9.5  
swB = 8

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 16 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 9.5  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 33 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 5  
swA = 9.5  
swB = 9.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 23 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 5  
swA = 2  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.



---

Parameter Values:

tet = 1.3962634  
Shift = 5  
swA = 2  
swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 5  
swA = 2  
swB = 6

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 5  
swA = 2  
swB = 8

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 45 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 5  
swA = 2  
swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 7 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 5  
swA = 2  
swB = 9.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 51 sec.

---

Parameter Values:

tet = 1.3962634

Shift = 5

swA = 4

swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.3962634

Shift = 5

swA = 4

swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.3962634

Shift = 5

swA = 4

swB = 6

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.3962634

Shift = 5

swA = 4

swB = 8

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.3962634

Shift = 5

swA = 4

swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 7 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 5  
swA = 4  
swB = 9.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 54 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 5  
swA = 6  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 5  
swA = 6  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 5  
swA = 6  
swB = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 5

swA = 6  
swB = 8

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 5  
swA = 6  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 8 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 5  
swA = 6  
swB = 9.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 52 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 5  
swA = 8  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 45 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 5  
swA = 8  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 46 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 5  
swA = 8  
swB = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 45 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 5  
swA = 8  
swB = 8

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 56 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 5  
swA = 8  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 5  
swA = 8  
swB = 9.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 16 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 5  
swA = 9  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 23 sec.

---

## Parameter Values:

tet = 1.3962634  
Shift = 5  
swA = 9  
swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 7 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 5  
swA = 9  
swB = 6

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 7 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 5  
swA = 9  
swB = 8

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 5  
swA = 9  
swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 43 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 5  
swA = 9  
swB = 9.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 17 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 5  
swA = 9.5  
swB = 2

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 52 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 5  
swA = 9.5  
swB = 4

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 52 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 5  
swA = 9.5  
swB = 6

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 5  
swA = 9.5  
swB = 8

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 1 min., 16 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 5  
swA = 9.5  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 35 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 5  
swA = 9.5  
swB = 9.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 25 sec.

---

=====

Sequence: Sequence 6

=====

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 2  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 2  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 2  
swB = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.



---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 2  
swB = 8

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 46 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 2  
swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 22 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 2  
swB = 10

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 2  
swB = 11

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 2  
swB = 11.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

Parameter Values:

tet = 1.2217305

Shift = 6

swA = 4

swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

Parameter Values:

tet = 1.2217305

Shift = 6

swA = 4

swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

Parameter Values:

tet = 1.2217305

Shift = 6

swA = 4

swB = 6

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

Parameter Values:

tet = 1.2217305

Shift = 6

swA = 4

swB = 8

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 46 sec.

Parameter Values:

tet = 1.2217305

Shift = 6

swA = 4

swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 21 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 4  
swB = 10

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 4  
swB = 11

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 4  
swB = 11.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 6  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6

swA = 6  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 6  
swB = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 6  
swB = 8

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 46 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 6  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 21 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 6  
swB = 10

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 6  
swB = 11

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 6  
swB = 11.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 8  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 46 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 8  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 47 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 8  
swB = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 46 sec.

---

## Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 8  
swB = 8

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 55 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 8  
swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 44 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 8  
swB = 10

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 46 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 8  
swB = 11

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 46 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 8  
swB = 11.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 45 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 9  
swB = 2

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 1 min., 22 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 9  
swB = 4

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 1 min., 22 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 9  
swB = 6

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 1 min., 24 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 9  
swB = 8

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 44 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 9  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 45 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 9  
swB = 10

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 47 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 9  
swB = 11

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 22 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 9  
swB = 11.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 19 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 10  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 10



swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.2217305

Shift = 6

swA = 10

swB = 6

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.2217305

Shift = 6

swA = 10

swB = 8

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 46 sec.

---

Parameter Values:

tet = 1.2217305

Shift = 6

swA = 10

swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.2217305

Shift = 6

swA = 10

swB = 10

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.2217305

Shift = 6  
swA = 10  
swB = 11

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 10  
swB = 11.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 11  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 11  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 11  
swB = 6

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 11  
swB = 8

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 45 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 11  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 23 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 11  
swB = 10

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 11  
swB = 11

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 11  
swB = 11.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 11.5  
swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 11.5  
swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 11.5  
swB = 6

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 11.5  
swB = 8

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 45 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 6  
swA = 11.5  
swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 22 sec.

-----  
Parameter Values:

tet = 1.2217305

Shift = 6

swA = 11.5

swB = 10

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

-----  
Parameter Values:

tet = 1.2217305

Shift = 6

swA = 11.5

swB = 11

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

-----  
Parameter Values:

tet = 1.2217305

Shift = 6

swA = 11.5

swB = 11.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

=====

Sequence: Sequence 7

=====

-----  
Parameter Values:

tet = 1.2217305

Shift = 7

swA = 2

swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

## Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 2  
swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 2  
swB = 7

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 2  
swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 20 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 2  
swB = 10

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 2  
swB = 12

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 2  
swB = 13

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 2  
swB = 13.5

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 4  
swB = 2

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 4  
swB = 4

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 4  
swB = 7

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 4  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 20 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 4  
swB = 10

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 4  
swB = 12

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 4  
swB = 13

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 4



swB = 13.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2217305

Shift = 7

swA = 7

swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2217305

Shift = 7

swA = 7

swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2217305

Shift = 7

swA = 7

swB = 7

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2217305

Shift = 7

swA = 7

swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 27 sec.

---

Parameter Values:

tet = 1.2217305

Shift = 7  
swA = 7  
swB = 10

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 7  
swB = 12

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 7  
swB = 13

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 7  
swB = 13.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 9  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 23 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 9  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 19 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 9  
swB = 7

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 20 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 9  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 9 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 9  
swB = 10

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 46 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 9  
swB = 12

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 22 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 9  
swB = 13

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 20 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 9  
swB = 13.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 22 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 10  
swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 10  
swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 10  
swB = 7

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 49 sec.

---

Parameter Values:

tet = 1.2217305

Shift = 7

swA = 10

swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 47 sec.

---

Parameter Values:

tet = 1.2217305

Shift = 7

swA = 10

swB = 10

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2217305

Shift = 7

swA = 10

swB = 12

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.2217305

Shift = 7

swA = 10

swB = 13

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.2217305

Shift = 7

swA = 10

swB = 13.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 12  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 12  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 45 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 12  
swB = 7

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 12  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 24 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7

swA = 12  
swB = 10

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 12  
swB = 12

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 12  
swB = 13

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 12  
swB = 13.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 13  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 13  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 13  
swB = 7

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 13  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 22 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 13  
swB = 10

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 13  
swB = 12

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---



## Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 13  
swB = 13

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 13  
swB = 13.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 13.5  
swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 13.5  
swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 13.5  
swB = 7

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 13.5  
swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 21 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 13.5  
swB = 10

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 13.5  
swB = 12

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 39 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 13.5  
swB = 13

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 39 sec.

-----  
Parameter Values:

tet = 1.2217305  
Shift = 7  
swA = 13.5  
swB = 13.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 2  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 2  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 2  
swB = 7

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 2  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 19 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 2

swB = 10

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.2653637

Shift = 7

swA = 2

swB = 12

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.2653637

Shift = 7

swA = 2

swB = 13

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2653637

Shift = 7

swA = 2

swB = 13.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2653637

Shift = 7

swA = 4

swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2653637

Shift = 7  
swA = 4  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 4  
swB = 7

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 4  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 21 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 4  
swB = 10

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 4  
swB = 12

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 4  
swB = 13

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 4  
swB = 13.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 7  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 7  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 7  
swB = 7

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 7  
swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 21 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 7  
swB = 10

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 7  
swB = 12

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 7  
swB = 13

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 7  
swB = 13.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

-----  
Parameter Values:

tet = 1.2653637

Shift = 7

swA = 9

swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 23 sec.

-----  
Parameter Values:

tet = 1.2653637

Shift = 7

swA = 9

swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 33 sec.

-----  
Parameter Values:

tet = 1.2653637

Shift = 7

swA = 9

swB = 7

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 7 sec.

-----  
Parameter Values:

tet = 1.2653637

Shift = 7

swA = 9

swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 44 sec.

-----  
Parameter Values:

tet = 1.2653637

Shift = 7

swA = 9

swB = 10



Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 47 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 9  
swB = 12

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 23 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 9  
swB = 13

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 21 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 9  
swB = 13.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 19 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 10  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7

swA = 10  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 10  
swB = 7

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 10  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 48 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 10  
swB = 10

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 10  
swB = 12

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 10  
swB = 13

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 46 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 10  
swB = 13.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 12  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 12  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 12  
swB = 7

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

## Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 12  
swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 20 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 12  
swB = 10

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 12  
swB = 12

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 12  
swB = 13

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 12  
swB = 13.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 13  
swB = 2

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 13  
swB = 4

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 13  
swB = 7

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 13  
swB = 9

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 1 min., 21 sec.

-----  
Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 13  
swB = 10

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 13  
swB = 12

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 13  
swB = 13

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 13  
swB = 13.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 13.5  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 13.5

swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.2653637

Shift = 7

swA = 13.5

swB = 7

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2653637

Shift = 7

swA = 13.5

swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 20 sec.

---

Parameter Values:

tet = 1.2653637

Shift = 7

swA = 13.5

swB = 10

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.2653637

Shift = 7

swA = 13.5

swB = 12

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.2653637

Shift = 7  
swA = 13.5  
swB = 13

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.2653637  
Shift = 7  
swA = 13.5  
swB = 13.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 2  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 2  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 2  
swB = 7

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:



tet = 1.3089969  
Shift = 7  
swA = 2  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 24 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 2  
swB = 10

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 2  
swB = 12

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 2  
swB = 13

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 2  
swB = 13.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 4  
swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 4  
swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 48 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 4  
swB = 7

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 4  
swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 28 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 4  
swB = 10

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.3089969

Shift = 7

swA = 4

swB = 12

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.3089969

Shift = 7

swA = 4

swB = 13

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3089969

Shift = 7

swA = 4

swB = 13.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.3089969

Shift = 7

swA = 7

swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.3089969

Shift = 7

swA = 7

swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 7  
swB = 7

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 7  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 9 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 7  
swB = 10

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 7  
swB = 12

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7

swA = 7  
swB = 13

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 7  
swB = 13.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 9  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 25 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 9  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 23 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 9  
swB = 7

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 7 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 9  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 13 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 9  
swB = 10

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 51 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 9  
swB = 12

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 27 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 9  
swB = 13

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 5 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 9  
swB = 13.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 22 sec.

---

## Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 10  
swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 43 sec.

-----  
Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 10  
swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 43 sec.

-----  
Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 10  
swB = 7

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 44 sec.

-----  
Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 10  
swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 55 sec.

-----  
Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 10  
swB = 10

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

-----  
Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 10  
swB = 12

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

-----  
Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 10  
swB = 13

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

-----  
Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 10  
swB = 13.5

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

-----  
Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 12  
swB = 2

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 44 sec.

-----  
Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 12  
swB = 4



Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 12  
swB = 7

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 12  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 21 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 12  
swB = 10

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 12  
swB = 12

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 46 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 12

swB = 13

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

-----  
Parameter Values:

tet = 1.3089969

Shift = 7

swA = 12

swB = 13.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

-----  
Parameter Values:

tet = 1.3089969

Shift = 7

swA = 13

swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

-----  
Parameter Values:

tet = 1.3089969

Shift = 7

swA = 13

swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 43 sec.

-----  
Parameter Values:

tet = 1.3089969

Shift = 7

swA = 13

swB = 7

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

-----  
Parameter Values:

tet = 1.3089969

Shift = 7  
swA = 13  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 9 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 13  
swB = 10

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 45 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 13  
swB = 12

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 13  
swB = 13

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 13  
swB = 13.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 46 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 13.5  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 13.5  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 13.5  
swB = 7

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 13.5  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 24 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 13.5  
swB = 10

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 13.5  
swB = 12

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 13.5  
swB = 13

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.3089969  
Shift = 7  
swA = 13.5  
swB = 13.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 40 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 2  
swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 2  
swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 43 sec.

-----  
Parameter Values:

tet = 1.3526302

Shift = 7

swA = 2

swB = 7

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 43 sec.

-----  
Parameter Values:

tet = 1.3526302

Shift = 7

swA = 2

swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 10 sec.

-----  
Parameter Values:

tet = 1.3526302

Shift = 7

swA = 2

swB = 10

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 44 sec.

-----  
Parameter Values:

tet = 1.3526302

Shift = 7

swA = 2

swB = 12

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

-----  
Parameter Values:

tet = 1.3526302

Shift = 7

swA = 2

swB = 13

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 2  
swB = 13.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 4  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 4  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 4  
swB = 7

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7

swA = 4  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 10 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 4  
swB = 10

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 4  
swB = 12

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 4  
swB = 13

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 4  
swB = 13.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:



tet = 1.3526302  
Shift = 7  
swA = 7  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 7  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 7  
swB = 7

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 7  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 9 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 7  
swB = 10

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

## Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 7  
swB = 12

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 44 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 7  
swB = 13

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 7  
swB = 13.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 9  
swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 25 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 9  
swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 26 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 9  
swB = 7

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 1 min., 11 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 9  
swB = 9

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 1 min., 29 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 9  
swB = 10

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 50 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 9  
swB = 12

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

-----  
Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 9  
swB = 13

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 22 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 9  
swB = 13.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 8 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 10  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 45 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 10  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 10  
swB = 7

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 10

swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 53 sec.

---

Parameter Values:

tet = 1.3526302

Shift = 7

swA = 10

swB = 10

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.3526302

Shift = 7

swA = 10

swB = 12

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3526302

Shift = 7

swA = 10

swB = 13

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3526302

Shift = 7

swA = 10

swB = 13.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 46 sec.

---

Parameter Values:

tet = 1.3526302

Shift = 7  
swA = 12  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 12  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 12  
swB = 7

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 12  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 12  
swB = 10

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 46 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 12  
swB = 12

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 12  
swB = 13

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 12  
swB = 13.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 13  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 46 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 13  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 13  
swB = 7

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 13  
swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 23 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 13  
swB = 10

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 13  
swB = 12

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 48 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 13  
swB = 13

Structure update: Successful



Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

-----  
Parameter Values:

tet = 1.3526302

Shift = 7

swA = 13

swB = 13.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

-----  
Parameter Values:

tet = 1.3526302

Shift = 7

swA = 13.5

swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 43 sec.

-----  
Parameter Values:

tet = 1.3526302

Shift = 7

swA = 13.5

swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 43 sec.

-----  
Parameter Values:

tet = 1.3526302

Shift = 7

swA = 13.5

swB = 7

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 43 sec.

-----  
Parameter Values:

tet = 1.3526302

Shift = 7

swA = 13.5

swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 23 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 13.5  
swB = 10

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 13.5  
swB = 12

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 13.5  
swB = 13

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3526302  
Shift = 7  
swA = 13.5  
swB = 13.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7

swA = 2  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 2  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 2  
swB = 7

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 2  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 8 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 2  
swB = 10

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 2  
swB = 12

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 2  
swB = 13

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 2  
swB = 13.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 4  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 4  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

## Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 4  
swB = 7

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 4  
swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 10 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 4  
swB = 10

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 44 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 4  
swB = 12

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 4  
swB = 13

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 4  
swB = 13.5

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 7  
swB = 2

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 7  
swB = 4

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 7  
swB = 7

Structure update: Successful

Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

-----  
Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 7  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 10 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 7  
swB = 10

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 7  
swB = 12

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 7  
swB = 13

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 7  
swB = 13.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 9

swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 9 sec.

---

Parameter Values:

tet = 1.3962634

Shift = 7

swA = 9

swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 8 sec.

---

Parameter Values:

tet = 1.3962634

Shift = 7

swA = 9

swB = 7

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 10 sec.

---

Parameter Values:

tet = 1.3962634

Shift = 7

swA = 9

swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 29 sec.

---

Parameter Values:

tet = 1.3962634

Shift = 7

swA = 9

swB = 10

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 1 min., 7 sec.

---

Parameter Values:

tet = 1.3962634



Shift = 7  
swA = 9  
swB = 12

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 9  
swB = 13

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 38 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 9  
swB = 13.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 18 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 10  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 10  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 10  
swB = 7

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 48 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 10  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 6 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 10  
swB = 10

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 10  
swB = 12

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 10  
swB = 13

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 10  
swB = 13.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 12  
swB = 2

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 12  
swB = 4

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 12  
swB = 7

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 12  
swB = 9

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.3962634

Shift = 7

swA = 12

swB = 10

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3962634

Shift = 7

swA = 12

swB = 12

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.3962634

Shift = 7

swA = 12

swB = 13

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3962634

Shift = 7

swA = 12

swB = 13.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.3962634

Shift = 7

swA = 13

swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 13  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 13  
swB = 7

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 13  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 39 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 13  
swB = 10

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 43 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7

swA = 13  
swB = 12

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 13  
swB = 13

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 13  
swB = 13.5

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 13.5  
swB = 2

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 13.5  
swB = 4

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 13.5  
swB = 7

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 44 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 13.5  
swB = 9

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 1 min., 18 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 13.5  
swB = 10

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 42 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 13.5  
swB = 12

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 41 sec.

---

Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 13.5  
swB = 13

Structure update: Successful  
Solver: Successful  
Solver time: 0 hours, 0 min., 40 sec.

---

## Parameter Values:

tet = 1.3962634  
Shift = 7  
swA = 13.5  
swB = 13.5

Structure update: Successful

Solver: Successful

Solver time: 0 hours, 0 min., 41 sec.

-----  
=====  
Total solver time: 11 hours, 35 min., 38 sec.  
=====