2/20/24, 7:18 PM PolyDB

polyDB web interface

Collection: Polytopes.Lattice.SmoothReflexive

Collection authored by

- o Andreas Paffenholz, TU Darmstadt
- o <u>Benjamin Lorenz</u>, TU Berlin
- o Mikkel Oebro

Abstract

Smooth reflexive lattice polytopes in dimensions up to 9, up to lattice equivalence.

The lists were computed with the algorithm of Mikkel Oebro (see <u>arxiv: 0704.0049</u>) and are taken from the <u>website of Andreas Paffenholz</u>. They contain splitting data according to <u>arxiv: 1711.02936</u>.

References

 Mikkel Oebro: An algorithm for the classification of smooth Fano polytopes arxiv 0704.0049

[<u>arxiv</u>]

• Mikkel Oebro: Classification of Smooth Fano Polytopes

PhD Thesis, Aarhus 2007

• Andreas Paffenholz: polyDB: A Database for Polytopes and Related Objects

In: Böckle, G., Decker, W., Malle, G. (eds) Algorithmic and Experimental Methods in Algebra, Geometry, and Number Theory. Springer

[arxiv][pub]

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Search Form

Results

Showing results 0 to 123 of 124 >

Your search parameters:

DIM is between 4 and 4

| 0 | <u>F.4D.0000</u> | |
|---|---------------------------|-----------------|
| | DIM | 4 |
| | N_FACETS | 7 |
| | N_VERTICES | 11 |
| | F_VECTOR | 11 22 18 7 |
| | H_STAR_VECTOR | 1 118 367 118 1 |
| | N_LATTICE_POINTS | 123 |
| | N_BOUNDARY_LATTICE_POINTS | 122 |
| | LATTICE_VOLUME | 605 |

529

LATTICE_VOLUME

| 0/24, 7 | :18 PM | PolyDB |
|---------|---------------------------|------------------------|
| | FACETS | 1 0 0 -1 0 |
| | | 1 0 0 0 -1 |
| | | 1 -1 0 0 0 |
| | | 1 0 -1 0 0 |
| | | 10001 |
| | | 10111 |
| | | 1/2 1/2 0 1/2 1 |
| 4 | <u>F.4D.0004</u> | |
| | DIM | 4 |
| | N_FACETS | 8 |
| | N_VERTICES | 15 |
| | F_VECTOR | 15 30 23 8 |
| | H_STAR_VECTOR | 1 109 338 109 1 |
| | N_LATTICE_POINTS | 114 |
| | N_BOUNDARY_LATTICE_POINTS | 113 |
| | LATTICE_VOLUME | 558 |
| | FACETS | |
| | FACETS | 1 -1 0 0 0 |
| | | 1 0 0 0 1 1 0 1 0 0 |
| | | 10-100 |
| | | 100-100 |
| | | 10-101 |
| | | 1 0 0 0 -1 |
| | | 1/2 1/2 -1 1/2 1 |
| _ | F (Deces | 1/2 1/2 -1 1/2 1 |
| 5 | F.4D.0005 DIM | |
| | | 4 |
| | N_FACETS | 9 |
| | N_VERTICES | 18 |
| | F_VECTOR | 18 36 27 9 |
| | H_STAR_VECTOR | 1 73 216 73 1 |
| | N_LATTICE_POINTS | 78 |
| | N_BOUNDARY_LATTICE_POINTS | 77 |
| | LATTICE_VOLUME | 364 |
| | FACETS | 1 0 -1 0 1 |
| | | 1 0 0 -1 0 |
| | | 1 0 1 0 -1 |
| | | 1 -1 0 0 0 |
| | | 1 0 -1 0 0 |
| | | 1 0 0 0 -1 |
| | | 10100 |
| | | 10001 |
| | | 1/2 1/2 -1 1/2 1 |
| 6 | <u>F.4D.0006</u> | |
| | DIM | 4 |
| | N_FACETS | 8 |
| | N_VERTICES | 15 |
| | F_VECTOR | 15 30 23 8 |
| | H_STAR_VECTOR | 1 94 288 94 1 |
| | N_LATTICE_POINTS | 99 |
| | N_BOUNDARY_LATTICE_POINTS | |
| | | 98 |
| | LATTICE_VOLUME | 478 |
| | | |

| | FACETS | 1 -1 0 0 0 |
|---|--|---|
| | | 1 0 0 0 1 |
| | | 1 0 1 0 -1 |
| | | 10-100 |
| | | 1 0 0 -1 0 1 0 -1 0 1 |
| | | 1000-1 |
| | | 1/2 1/2 -1 1/2 1 |
| 7 | <u>F.4D.0007</u> | |
| | DIM | 4 |
| | N_FACETS | 8 |
| | N_VERTICES | 16 |
| | F_VECTOR | 16 32 24 8 |
| | H_STAR_VECTOR | 1 91 279 91 1 |
| | N_LATTICE_POINTS | 96 |
| | N_BOUNDARY_LATTICE_POINTS | 95 |
| | LATTICE_VOLUME | 463 |
| | FACETS | 1 -1 0 0 1 |
| | | 1 -1 0 0 0 |
| | | 1/2 -1/2 0 1/2 1 |
| | | 1-1101 |
| | | 1 0 0 -1 0 1 0 -1 0 0 |
| | | 1000-1 |
| | | 1 1 0 0 -1 |
| | <u>F.4D.0008</u> | |
| | DIM | 4 |
| | N_FACETS | 7 |
| | N_VERTICES | 12 |
| | F_VECTOR | 12 24 19 7 |
| | LL CTAR AVECTOR | |
| | H_STAR_VECTOR | 1 115 360 115 1 |
| | N_LATTICE_POINTS | 1 115 360 115 1 120 |
| | | |
| | N_LATTICE_POINTS | 120 |
| | N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS | 120 119 592 1 -1 0 0 0 |
| | N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 120 119 592 1 -1 0 0 0 1 0 0 0 -1 |
| | N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 120 119 592 1 -1 0 0 0 1 0 0 0 -1 1 0 1 0 1 |
| | N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 120 119 592 1 -1 0 0 0 1 0 0 0 -1 1 0 1 0 1 1 0 -1 0 0 |
| | N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 120 119 592 1 -1 0 0 0 1 0 0 0 -1 1 0 1 0 1 1 0 -1 0 0 1 0 0 0 1 |
| | N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 120 119 592 1 -1 0 0 0 1 0 0 0 -1 1 0 1 0 1 1 0 -1 0 0 |
| | N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 120 119 592 1 -1 0 0 0 1 0 0 0 -1 1 0 1 0 1 1 0 -1 0 0 1 0 0 0 1 1 0 0 -1 0 |
| | N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS | 120 119 592 1 -1 0 0 0 1 0 0 0 -1 1 0 1 0 1 1 0 -1 0 0 1 0 0 0 1 1 0 0 -1 0 |
| | N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS E.4D.0009 | 120 119 592 1 -1 0 0 0 1 0 0 0 -1 1 0 1 0 1 1 0 -1 0 0 1 0 0 0 1 1 0 0 -1 0 1 /2 1/2 0 1/2 1 |
| | N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS E.4D.0009 DIM | 120 119 592 1 -1 0 0 0 1 0 0 0 -1 1 0 1 0 1 1 0 -1 0 0 1 0 0 0 1 1 0 0 -1 0 1 /2 1/2 0 1/2 1 |
| | N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS E4D.0009 DIM N_FACETS | 120 119 592 1 -1 0 0 0 1 0 0 0 -1 1 0 1 0 1 1 0 -1 0 0 1 0 0 0 1 1 0 0 -1 0 1 /2 1/2 0 1/2 1 |
|) | N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS E4D.0009 DIM N_FACETS N_VERTICES | 120 119 592 1 -1 0 0 0 1 0 0 0 -1 1 0 1 0 1 1 0 -1 0 0 1 0 0 0 1 1 0 0 -1 0 1/2 1/2 0 1/2 1 |
|) | N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS | 120 119 592 1 -1 0 0 0 1 0 0 0 -1 1 0 1 0 1 1 0 -1 0 0 1 0 0 0 1 1 0 0 -1 0 1 /2 1/2 0 1/2 1 4 7 12 12 24 19 7 |
|) | N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS F4D.0009 DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR | 120 119 592 1 -1 0 0 0 1 0 0 0 -1 1 0 1 0 1 1 0 -1 0 0 1 0 0 0 1 1 0 0 -1 0 1/2 1/2 0 1/2 1 4 7 12 12 24 19 7 1 112 350 112 1 |

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|--------|---------------------------|-------------------------|
| | FACETS | 1 -1 0 0 0 |
| | | 1 1 0 1 1 |
| | | 1 0 0 -1 1 |
| | | 1 0 0 -1 0 |
| | | 10-100 |
| | | 1-1100 |
| | | 1 0 0 0 -1 1 0 0 0 1 |
| 10 | <u>F.4D.0013</u> | 10001 |
| 13 | <u>P.45.0013</u> | 4 |
| | N_FACETS | 7 |
| | N_VERTICES | |
| | | 12 |
| | F_VECTOR | 12 24 19 7 |
| | H_STAR_VECTOR | 1 109 340 109 1 |
| | N_LATTICE_POINTS | 114 |
| | N_BOUNDARY_LATTICE_POINTS | 113 |
| | LATTICE_VOLUME | 560 |
| | FACETS | 1 -1 0 0 0 |
| | | 1 0 -1 0 0 |
| | | 1 0 0 0 -1 |
| | | 1 0 0 -1 0 |
| | | 1 -1 0 1 0 |
| | | 1/2 1/2 1/2 0 1 |
| | | 10001 |
| 14 | <u>F.4D.0014</u> | |
| | DIM | 4 |
| | N_FACETS | 8 |
| | N_VERTICES | 16 |
| | F_VECTOR | 16 32 24 8 |
| | H_STAR_VECTOR | 1 85 261 85 1 |
| | N_LATTICE_POINTS | 90 |
| | N_BOUNDARY_LATTICE_POINTS | 89 |
| | LATTICE_VOLUME | 433 |
| | FACETS | 1 0 0 -1 1 |
| | | 1/2 -1/2 1/2 1 0 |
| | | 1 -1 0 1 0 |
| | | 1 0 -1 0 0 |
| | | 1 -1 0 0 0 |
| | | 1 0 0 -1 0 |
| | | 1 0 0 0 -1 |
| | | 1 1 0 -1 0 |
| 15 | <u>F.4D.0015</u> | |
| | DIM | 4 |
| | N_FACETS | 8 |
| | N_VERTICES | 16 |
| | F_VECTOR | 16 32 24 8 |
| | H_STAR_VECTOR | 1 79 240 79 1 |
| | N_LATTICE_POINTS | 84 |
| | N_BOUNDARY_LATTICE_POINTS | 83 |
| | LATTICE_VOLUME | 400 |
| | | 1 00 |

| 24, 7: | 18 PM | PolyDB |
|--------|--|---|
| | FACETS | 100-10 |
| | | 1 -1 0 0 0 |
| | | 1 0 0 0 -1 |
| | | 1 1 0 0 -1 |
| | | 10100 |
| | | 1/2 -1/2 0 1/2 1 1 -1 0 0 1 |
| | | 10-100 |
| 16 | F.4D.0016 | |
| | DIM | 4 |
| | N_FACETS | 8 |
| | N_VERTICES | 16 |
| | F_VECTOR | 16 32 24 8 |
| | H_STAR_VECTOR | 1 67 201 67 1 |
| | N_LATTICE_POINTS | 72 |
| | N_BOUNDARY_LATTICE_POINTS | |
| | | 71 |
| | LATTICE_VOLUME | 337 |
| | FACETS | 1 0 0 -1 0 |
| | | 1 -1 0 0 1 1 1 0 0 -1 |
| | | 10-100 |
| | | 1/2 -1/2 0 1/2 1 |
| | | 1110-1 |
| | | 1 -1 0 0 0 |
| | | 1000-1 |
| 17 | <u>F.4D.0017</u> | |
| | DIM | 4 |
| | N_FACETS | 7 |
| | N_VERTICES | 13 |
| | F_VECTOR | 13 26 20 7 |
| | H_STAR_VECTOR | 1 88 272 88 1 |
| | N_LATTICE_POINTS | 93 |
| | N_BOUNDARY_LATTICE_POINTS | 92 |
| | LATTICE_VOLUME | 450 |
| | FACETS | 1 0 0 0 -1 |
| | | 1/2 -1/2 1/2 1 0 |
| | | 1 -1 0 1 0 |
| | | 1 0 -1 0 0 |
| | | 1 -1 0 0 0 |
| | | 100-10 |
| | | 100-10 |
| | | 110-11 |
| 18 | <u>F.4D.0018</u> | |
| 18 | F.4D.0018 DIM | |
| 18 | | 1 1 0 -1 1 |
| 18 | DIM | 1 1 0 -1 1 |
| 18 | DIM N_FACETS | 1 1 0 -1 1 4 7 |
| 18 | DIM N_FACETS N_VERTICES | 1 1 0 -1 1 4 7 12 |
| 18 | DIM N_FACETS N_VERTICES F_VECTOR | 1 1 0 -1 1 4 7 12 12 24 19 7 |
| 18 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR | 1 1 0 -1 1 4 7 12 12 24 19 7 1 97 300 97 1 |

65

305

N_BOUNDARY_LATTICE_POINTS

LATTICE_VOLUME

| | 18 PM | POLYDB |
|----|---|--|
| | FACETS | 1 0 0 -1 0 |
| | | 10010 |
| | | 1 0 0 0 1 |
| | | 1 0 -1 0 0 |
| | | 1 -1 0 0 0 |
| | | 1 0 0 0 -1 |
| | | 10100 |
| | | 1 1 -1 -1 1 1 0 1 0 -1 |
| 22 | <u>F.4D.0022</u> | |
| | DIM | 4 |
| | N_FACETS | 8 |
| | N_VERTICES | 17 |
| | F_VECTOR | 17 34 25 8 |
| | H_STAR_VECTOR | 1 73 221 73 1 |
| | N_LATTICE_POINTS | 78 |
| | N_BOUNDARY_LATTICE_POINTS | 77 |
| | LATTICE_VOLUME | 369 |
| | FACETS | 10010 |
| | | 1 -1 0 0 0 |
| | | 1 0 0 -1 0 |
| | | 1 0 0 0 -1 |
| | | 1 0 1 -1 0 |
| | | 1 0 -1 0 0 |
| | | 1 0 0 0 1 |
| | | 1 1 -1 1 1 |
| 23 | <u>F.4D.0023</u> | |
| | DIM | 4 |
| | N_FACETS | 8 |
| | | |
| | N_VERTICES | 17 |
| | | |
| | N_VERTICES F_VECTOR H_STAR_VECTOR | 17 |
| | N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS | 17 17 34 25 8 |
| | N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS | 17 17 34 25 8 1 76 231 76 1 |
| | N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 17 17 34 25 8 1 76 231 76 1 81 |
| | N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS | 17 17 34 25 8 1 76 231 76 1 81 80 385 1 -1 -1 1 1 |
| | N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 17 17 34 25 8 1 76 231 76 1 81 80 385 1 -1 -1 1 1 1 0 0 -1 0 |
| | N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 17 17 34 25 8 1 76 231 76 1 81 80 385 1 -1 -1 1 1 1 0 0 -1 0 1 1 0 0 0 |
| | N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 17 17 34 25 8 1 76 231 76 1 81 80 385 1 -1 -1 1 1 1 0 0 -1 0 1 1 0 0 0 1 0 -1 0 0 |
| | N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 17 17 34 25 8 1 76 231 76 1 81 80 385 1 -1 -1 1 1 1 0 0 -1 0 1 1 0 0 0 1 0 -1 0 0 1 0 1 0 0 |
| | N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 17 17 34 25 8 1 76 231 76 1 81 80 385 1 -1 -1 1 1 1 0 0 -1 0 1 1 0 0 0 1 0 -1 0 0 1 0 1 0 0 1 0 1 0 0 1 0 0 0 -1 |
| | N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 17 17 34 25 8 1 76 231 76 1 81 80 385 1 -1 -1 1 1 1 0 0 -1 0 1 1 0 0 0 1 0 -1 0 0 1 0 1 0 0 1 0 1 0 0 1 0 1 0 0 1 1 0 0 0 |
| 24 | N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS | 17 17 34 25 8 1 76 231 76 1 81 80 385 1 -1 -1 1 1 1 0 0 -1 0 1 1 0 0 0 1 0 1 0 0 1 0 1 0 0 1 0 1 0 |
| 24 | N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 17 17 34 25 8 1 76 231 76 1 81 80 385 1 -1 -1 1 1 1 0 0 -1 0 1 1 0 0 0 1 0 -1 0 0 1 0 1 0 0 1 0 1 0 0 1 0 1 0 0 1 1 0 0 0 |
| 24 | N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS F4D.0024 | 17 17 34 25 8 1 76 231 76 1 81 80 385 1 -1 -1 11 1 0 0 -1 0 1 1 0 0 0 1 0 1 0 0 1 0 1 0 0 1 1 1 -1 -1 |
| 24 | N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS E4D.0024 DIM | 17 17 34 25 8 1 76 231 76 1 81 80 385 1 -1 -1 1 1 1 0 0 -1 0 1 1 0 0 0 1 0 -1 0 0 1 0 1 0 0 1 0 1 0 0 1 1 1 -1 -1 4 9 |
| 24 | N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS F4D.0024 DIM N_FACETS | 17 17 34 25 8 1 76 231 76 1 81 80 385 1 -1 -1 11 1 0 0 -1 0 1 1 0 0 0 1 0 1 0 0 1 0 1 0 0 1 1 1 -1 -1 4 9 23 |
| 24 | N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS F_4D_0024 DIM N_FACETS N_VERTICES | 17 17 34 25 8 1 76 231 76 1 81 80 385 1 -1 -1 11 1 00 -1 0 1 1 0 0 1 0 1 0 0 1 0 1 0 0 1 1 1 -1 -1 4 9 23 23 46 32 9 |
| 24 | N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS E4D.0024 DIM N_FACETS N_VERTICES F_VECTOR | 17 17 34 25 8 1 76 231 76 1 81 80 385 1 -1 -1 11 1 1 0 0 -1 0 1 1 0 0 0 1 0 -1 0 0 1 0 1 0 0 1 1 1 -1 -1 1 -1 0 0 1 1 1 -1 -1 4 9 23 23 46 32 9 1 61 183 61 1 |
| 24 | N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS F_4D_0024 DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR | 17 17 34 25 8 1 76 231 76 1 81 80 385 1 -1 -1 -1 1 1 1 0 0 -1 0 1 1 0 0 0 1 0 -1 0 0 1 0 1 0 0 1 0 1 0 0 1 1 1 -1 -1 4 9 23 23 46 32 9 1 61 183 61 1 66 |
| 24 | N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS E4D.0024 DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS | 17 17 34 25 8 1 76 231 76 1 81 80 385 1 -1 -1 11 1 1 0 0 -1 0 1 1 0 0 0 1 0 -1 0 0 1 0 1 0 0 1 1 1 -1 -1 1 -1 1 4 9 23 23 46 32 9 1 61 183 61 1 |

| | FACETS | 10010 |
|-----|--|---|
| | | 1 1 0 0 0 |
| | | 1 -1 0 0 0 |
| | | 1 -1 -1 1 1 |
| | | 1 0 0 0 -1 1 0 -1 0 0 |
| | | 10100 |
| | | 1 0 0 -1 0 |
| | | 1 1 1 -1 -1 |
| 25 | <u>F.4D.0025</u> | |
| | DIM | 4 |
| | N_FACETS | 10 |
| | N_VERTICES | 30 |
| | F_VECTOR | 30 60 40 10 |
| | H_STAR_VECTOR | 1 46 136 46 1 |
| | N_LATTICE_POINTS | 51 |
| | N_BOUNDARY_LATTICE_POINTS | 50 |
| | LATTICE_VOLUME | 230 |
| | FACETS | 1 1 0 0 0 |
| | | 10010 |
| | | 1 -1 0 0 0 |
| | | 1 0 0 0 -1 1 -1 -1 1 |
| | | 1 0 0 -1 0 |
| | | 10-100 |
| | | 10001 |
| | | 1 1 1 -1 -1 |
| | | |
| | | 10100 |
| 26 | <u>F.4D.0026</u> | |
| 26 | F.4D.0026 DIM | |
| 26 | | 10100 |
| 26 | DIM | 10100 |
| 26 | DIM N_FACETS | 10100 |
| 26 | DIM N_FACETS N_VERTICES | 1 0 1 0 0 4 7 13 |
| 26 | DIM N_FACETS N_VERTICES F_VECTOR | 1 0 1 0 0 4 7 13 13 26 20 7 |
| 26 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR | 1 0 1 0 0 4 7 13 13 26 20 7 1 85 261 85 1 |
| 26 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS | 1 0 1 0 0 4 7 13 13 26 20 7 1 85 261 85 1 90 |
| 26 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS | 1 0 1 0 0 4 7 13 13 26 20 7 1 85 261 85 1 90 89 433 1 0 0 0 -1 |
| 226 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 0 1 0 0 4 7 13 13 26 20 7 1 85 261 85 1 90 89 433 1 0 0 0 -1 1 0 0 -1 0 |
| 226 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 0 1 0 0 4 7 13 13 26 20 7 1 85 261 85 1 90 89 433 1 0 0 0 -1 1 0 0 -1 0 1 -1 0 0 0 |
| 26 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 0 1 0 0 4 7 13 13 26 20 7 1 85 261 85 1 90 89 433 1 0 0 0 -1 1 0 0 -1 0 1 -1 0 0 0 1 0 -1 0 0 |
| 26 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 10100 4 7 13 1326207 185261851 90 89 433 1000-1 100-10 1-1000 10-100 10010 |
| 26 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 10100 4 7 13 13 26 20 7 1 85 261 85 1 90 89 433 1000-1 100-10 1-100 10-100 10010 101-11 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 10100 4 7 13 1326207 185261851 90 89 433 1000-1 100-10 1-1000 10-100 10010 |
| 26 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS | 10100 4 7 13 13 26 20 7 1 85 261 85 1 90 89 433 1000-1 100-10 1-100 10-100 10010 101-11 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS F_ACETS | 10100 4 7 13 13 26 20 7 1 85 261 85 1 90 89 433 1 0 0 0 -1 1 0 0 -10 1 -1 0 0 0 1 0 -1 0 0 1 0 0 1 0 1 0 1 -1 1 1 1 1 0 0 1 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS E4D.0027 DIM | 1 0 1 0 0 4 7 13 13 26 20 7 1 85 261 85 1 90 89 433 1 0 0 0 -1 1 0 0 -1 0 1 -1 0 0 0 1 0 -1 0 0 1 0 0 1 0 1 0 1 -1 1 1 1 1 0 0 1 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS E4D.0027 DIM N_FACETS | 1 0 1 0 0 4 7 13 13 26 20 7 1 85 261 85 1 90 89 433 1 0 0 0 -1 1 0 0 -1 0 1 -1 0 0 0 1 0 -1 0 0 1 0 0 1 0 1 0 1 -1 1 1 1 1 0 0 1 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS F4D.0027 DIM N_FACETS N_VERTICES | 1 0 1 0 0 4 7 13 13 26 20 7 1 85 261 85 1 90 89 433 1 0 0 0 -1 1 0 0 -1 0 1 -1 0 0 0 1 0 -1 0 0 1 0 0 1 0 1 0 1 -1 1 1 1 1 0 0 1 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS E4D_0027 DIM N_FACETS N_VERTICES F_VECTOR | 10100 4 7 13 13 26 20 7 1 85 261 85 1 90 89 433 1000-1 100-10 1-1000 100-100 101-11 11001 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS E4D_0027 DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR | 1 0 1 0 0 4 7 13 13 26 20 7 1 85 261 85 1 90 89 433 1 0 0 0 -1 1 0 0 -1 0 1 -1 0 0 0 1 0 -1 0 0 1 0 1 -1 1 1 1 1 0 0 1 4 8 17 17 34 25 8 1 65 194 65 1 |

| 24, 7. | 101 W | 1 diyeb |
|--------|---------------------------|---------------|
| | FACETS | 1 1 0 1 0 |
| | | 1 0 0 -1 0 |
| | | 1 0 0 -1 1 |
| | | 1 -1 0 0 0 |
| | | 1 0 -1 0 0 |
| | | 10101 |
| | | 1000-1 |
| -0 | F.D. and | 1 0 0 1 -1 |
| 28 | F.4D.0028 DIM | 4 |
| | | 4 |
| | N_FACETS | 8 |
| | N_VERTICES | 15 |
| | F_VECTOR | 15 30 23 8 |
| | H_STAR_VECTOR | 1 99 305 99 1 |
| | N_LATTICE_POINTS | 104 |
| | N_BOUNDARY_LATTICE_POINTS | 103 |
| | LATTICE_VOLUME | 505 |
| | FACETS | 1 -1 0 0 0 |
| | | 1000 |
| | | 10-100 |
| | | 100-10 |
| | | 1 0 -1 0 1 |
| | | 1 0 0 0 -1 |
| | | 1 1 -2 1 1 |
| | | 10100 |
| 29 | <u>F.4D.0029</u> | |
| | DIM | 4 |
| | N_FACETS | 9 |
| | N_VERTICES | 18 |
| | F_VECTOR | 18 36 27 9 |
| | H_STAR_VECTOR | 1 71 210 71 1 |
| | N_LATTICE_POINTS | 76 |
| | N_BOUNDARY_LATTICE_POINTS | 75 |
| | LATTICE_VOLUME | 354 |
| | FACETS | 1 0 -1 0 1 |
| | TACETS | 100-101 |
| | | 10100 |
| | | 1 -1 0 0 0 |
| | | 10-100 |
| | | 1 0 0 0 -1 |
| | | 1010-1 |
| | | 11-211 |
| | | 10001 |
| 30 | <u>F.4D.0030</u> | |
| | DIM DIM | 4 |
| | N_FACETS | 8 |
| | | |
| | N_VERTICES | 16 |
| | F_VECTOR | 16 32 24 8 |
| | H_STAR_VECTOR | 1 87 266 87 1 |
| | N_LATTICE_POINTS | 92 |
| | N_BOUNDARY_LATTICE_POINTS | 91 |
| | LATTICE_VOLUME | 442 |
| | | • |

| | | · y |
|-----|--|--|
| | FACETS | 1 -1 0 0 1 |
| | | 1 -1 0 0 0 |
| | | 10-111 |
| | | 1 0 0 0 -1 |
| | | 1 0 -1 0 0 |
| | | 1 0 0 -1 0 |
| | | 1 -1 1 0 0 |
| | | 11000 |
| 2.4 | E4D0004 | 11000 |
| 34 | F.4D.0034 DIM | 4 |
| | | 4 |
| | N_FACETS | 9 |
| | N_VERTICES | 21 |
| | F_VECTOR | 21 42 30 9 |
| | H_STAR_VECTOR | 1 64 191 64 1 |
| | N_LATTICE_POINTS | 69 |
| | N_BOUNDARY_LATTICE_POINTS | 68 |
| | LATTICE_VOLUME | 321 |
| | FACETS | |
| | IACLIS | 1-1000 |
| | | 1 0 0 0 -1 |
| | | 1 0 0 -1 0 |
| | | 1 -1 1 1 1 |
| | | 1 0 -1 0 0 |
| | | 1 1 0 -1 0 |
| | | 1 -1 0 1 0 |
| | | 1 -1 0 0 1 |
| | | 1 1 0 0 0 |
| 35 | <u>F.4D.0035</u> | |
| | DIM | 4 |
| | N_FACETS | 9 |
| | N_VERTICES | 21 |
| | F_VECTOR | 21 42 30 9 |
| | H_STAR_VECTOR | 1 62 184 62 1 |
| | N_LATTICE_POINTS | |
| | N_LATTICL_FOINTS | 67 |
| | NI DOLINDADY I ATTICE DOINTS | |
| | N_BOUNDARY_LATTICE_POINTS | 66 |
| | LATTICE_VOLUME | 310 |
| | | 310 1 0 0 -1 1 |
| | LATTICE_VOLUME | 310 |
| | LATTICE_VOLUME | 310 1 0 0 -1 1 |
| | LATTICE_VOLUME | 310 1 0 0 -1 1 1 0 0 -1 0 |
| | LATTICE_VOLUME | 310 1 0 0 -1 1 1 0 0 -1 0 1 1 -1 1 0 |
| | LATTICE_VOLUME | 310 1 0 0 -1 1 1 0 0 -1 0 1 1 -1 1 0 1 -1 1 0 0 1 0 1 0 0 |
| | LATTICE_VOLUME | 310 1 0 0 -1 1 1 0 0 -1 0 1 1 -1 1 0 1 -1 1 0 0 1 0 1 0 0 1 -1 0 0 0 |
| | LATTICE_VOLUME | 310 1 0 0 -1 1 1 0 0 -1 0 1 1 -1 1 0 1 -1 1 0 0 1 0 1 0 0 1 -1 0 0 0 1 0 -1 0 0 |
| | LATTICE_VOLUME | 310 1 0 0 -1 1 1 0 0 -1 0 1 1 -1 1 0 1 -1 1 0 0 1 0 1 0 0 1 -1 0 0 0 1 0 -1 0 0 1 0 0 0 -1 |
| 36 | FACETS FACETS | 310 1 0 0 -1 1 1 0 0 -1 0 1 1 -1 1 0 1 -1 1 0 0 1 0 1 0 0 1 -1 0 0 0 1 0 -1 0 0 |
| 36 | E4D.0036 | 310 1 0 0 -1 1 1 0 0 -1 0 1 1 -1 1 0 1 -1 1 0 0 1 0 1 0 0 1 -1 0 0 1 0 -1 0 0 1 0 0 0 -1 1 0 0 0 1 |
| 36 | EAD.0036 DIM | 310 1 0 0 -1 1 1 0 0 -1 0 1 1 -1 1 0 1 -1 1 0 0 1 0 1 0 0 1 0 -1 0 0 1 0 0 0 -1 1 0 0 0 1 |
| 36 | E.4D.0036 DIM N_FACETS | 310 1 0 0 -1 1 1 0 0 -1 0 1 1 -1 1 0 1 -1 1 0 0 1 0 1 0 0 1 -1 0 0 0 1 0 -1 0 0 1 0 0 0 -1 1 0 0 0 1 |
| 36 | EATTICE_VOLUME FACETS F.4D.0036 DIM N_FACETS N_VERTICES | 310 1 0 0 -1 1 1 0 0 -1 0 1 1 -1 1 0 1 -1 1 0 0 1 0 1 0 0 1 -1 0 0 0 1 0 -1 0 0 1 0 0 0 -1 1 0 0 0 1 |
| 36 | E4D.0036 DIM N_FACETS N_VERTICES F_VECTOR | 310 1 0 0 -1 1 1 0 0 -1 0 1 1 -1 1 0 1 -1 1 0 0 1 0 1 0 0 1 -1 0 0 0 1 0 -1 0 0 1 0 0 0 -1 1 0 0 0 1 4 8 18 18 18 36 26 8 |
| 36 | EATTICE_VOLUME FACETS F.4D.0036 DIM N_FACETS N_VERTICES | 310 1 0 0 -1 1 1 0 0 -1 0 1 1 -1 1 0 1 -1 1 0 0 1 0 1 0 0 1 -1 0 0 0 1 0 -1 0 0 1 0 0 0 -1 1 0 0 0 1 |
| 36 | E4D.0036 DIM N_FACETS N_VERTICES F_VECTOR | 310 1 0 0 -1 1 1 0 0 -1 0 1 1 -1 1 0 1 -1 1 0 0 1 0 1 0 0 1 -1 0 0 0 1 0 -1 0 0 1 0 0 0 -1 1 0 0 0 1 4 8 18 18 18 36 26 8 |
| 36 | E4D.0036 DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR | 310 1 0 0 -1 1 1 0 0 -1 0 1 1 -1 1 0 1 -1 1 0 0 1 0 1 0 0 1 -1 0 0 0 1 0 -1 0 0 1 0 0 0 -1 1 0 0 0 1 4 8 18 18 36 26 8 1 65 195 65 1 |

| | 10 PIW | PolyDB |
|----|--|---|
| | FACETS | 1 -1 1 0 0 |
| | | 1 0 0 0 -1 |
| | | 1 1 0 0 1 |
| | | 100-10 |
| | | 1-1000 |
| | | 1 0 -1 0 0 1 0 1 1 0 |
| | | 11011 |
| 37 | <u>F.4D.0037</u> | |
| | DIM | 4 |
| | N_FACETS | 9 |
| | N_VERTICES | 24 |
| | F_VECTOR | 24 48 33 9 |
| | H_STAR_VECTOR | 1 50 147 50 1 |
| | N_LATTICE_POINTS | 55 |
| | N_BOUNDARY_LATTICE_POINTS | 54 |
| | LATTICE_VOLUME | 249 |
| | FACETS | 1 0 1 -1 1 |
| | | 1 0 0 -1 0 |
| | | 11-110 |
| | | 10101 |
| | | 1 0 0 0 -1 |
| | | 1 -1 0 0 0 |
| | | 1 -1 1 0 0 |
| | | 1 0 -1 0 0 |
| | | 11-11-1 |
| 38 | F.4D.0038 | |
| | DIM | 4 |
| | N_FACETS | 8 |
| | N_VERTICES | 18 |
| | | |
| | F_VECTOR H_STAP_VECTOR | 18 36 26 8 |
| | H_STAR_VECTOR | 1 64 192 64 1 |
| | H_STAR_VECTOR N_LATTICE_POINTS | 1 64 192 64 1 69 |
| | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS | 1 64 192 64 1 69 68 |
| | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 64 192 64 1 69 68 322 |
| | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS | 1 64 192 64 1 69 68 322 1 -1 1 0 0 |
| | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 64 192 64 1 69 68 322 1 -1 1 0 0 1 0 0 0 -1 |
| | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 64 192 64 1 69 68 322 1 -1 1 0 0 1 0 0 0 -1 1 1 -1 -1 1 |
| | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 64 192 64 1 69 68 322 1 -1 1 0 0 1 0 0 0 -1 1 1 -1 -1 1 1 0 0 -1 0 |
| | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 64 192 64 1 69 68 322 1 -1 1 0 0 1 0 0 0 -1 1 1 -1 -1 1 1 0 0 -1 0 1 -1 0 0 0 |
| | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 64 192 64 1 69 68 322 1 -1 1 0 0 1 0 0 0 -1 1 1 -1 -1 1 1 0 0 -1 0 1 -1 0 0 0 1 0 -1 0 0 |
| | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 64 192 64 1 69 68 322 1 -1 1 0 0 1 0 0 0 -1 1 1 -1 -1 1 1 0 0 -1 0 1 -1 0 0 0 |
| 39 | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 64 192 64 1 69 68 322 1 -1 1 0 0 1 0 0 0 -1 1 1 -1 -1 1 1 0 0 -1 0 1 -1 0 0 0 1 0 -1 0 0 1 0 1 1 0 |
| 39 | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS | 1 64 192 64 1 69 68 322 1 -1 1 0 0 1 0 0 0 -1 1 1 -1 -1 1 1 0 0 -1 0 1 -1 0 0 0 1 0 -1 0 0 1 0 1 1 0 |
| 39 | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS E4D.0039 | 1 64 192 64 1 69 68 322 1 -1 1 0 0 1 0 0 0 -1 1 1 -1 -1 1 1 0 0 -1 0 1 -1 0 0 0 1 0 -1 0 0 1 0 1 1 0 1 1 -1 0 1 |
| 39 | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS E_4D_0039 DIM | 1 64 192 64 1 69 68 322 1 -1 1 0 0 1 0 0 0 -1 1 1 -1 -1 1 1 0 0 -1 0 1 -1 0 0 0 1 0 -1 0 0 1 0 1 1 0 1 1 -1 0 1 |
| 39 | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS E_4D_0039 DIM N_FACETS | 1 64 192 64 1 69 68 322 1 -1 1 0 0 1 0 0 0 -1 1 1 -1 -1 1 1 0 0 -1 0 1 -1 0 0 0 1 0 -1 0 0 1 0 1 1 0 1 1 -1 0 1 |
| 39 | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS F4D.0039 DIM N_FACETS N_VERTICES | 1 64 192 64 1 69 68 322 1 -1 1 0 0 1 0 0 0 -1 1 1 -1 -1 1 1 0 0 -1 0 1 -1 0 0 1 0 1 1 0 1 1 -1 0 1 |
| 39 | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS F4D.0039 DIM N_FACETS N_VERTICES F_VECTOR | 1 64 192 64 1 69 68 322 1 -1 1 0 0 1 0 0 0 -1 1 1 -1 -1 1 1 0 0 -1 0 1 -1 0 0 1 0 -1 0 0 1 0 1 1 0 1 1 -1 0 1 |
| 39 | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS F4D.0039 DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR | 1 64 192 64 1 69 68 322 1 -1 1 0 0 1 0 0 0 -1 1 1 -1 -1 1 1 0 0 -1 0 1 -1 0 0 0 1 0 -1 0 0 1 0 1 1 0 1 1 -1 0 1 4 8 17 17 34 25 8 1 73 221 73 1 |

85

84

406

N_LATTICE_POINTS

LATTICE_VOLUME

N_BOUNDARY_LATTICE_POINTS

432

LATTICE_VOLUME

| , | | ·y |
|----|-----------------------------------|---------------|
| | FACETS | 1 0 -1 0 0 |
| | | 1 0 0 0 -1 |
| | | 10-110 |
| | | 100-11 |
| | | 1 -1 0 0 0 |
| | | 1 0 0 -1 0 |
| | | 1 1 0 -1 0 |
| | | 10100 |
| 52 | <u>F.4D.0052</u> | |
| | DIM | 4 |
| | N_FACETS | 9 |
| | N_VERTICES | 20 |
| | F_VECTOR | 20 40 29 9 |
| | H_STAR_VECTOR | 1 66 196 66 1 |
| | N_LATTICE_POINTS | |
| | | 71 |
| | N_BOUNDARY_LATTICE_POINTS | 70 |
| | LATTICE_VOLUME | 330 |
| | FACETS | 1 0 0 0 -1 |
| | | 1 -1 0 0 0 |
| | | 1 0 -1 0 1 |
| | | 1 0 0 -1 0 |
| | | 10-111 |
| | | 1 0 -1 0 0 |
| | | 1 0 1 0 -1 |
| | | 10100 |
| | | 1 1 -1 0 1 |
| 53 | F.4D.0053 | |
| | DIM | 4 |
| | N_FACETS | 9 |
| | N_VERTICES | 20 |
| | F_VECTOR | 20 40 29 9 |
| | H_STAR_VECTOR | 1 80 243 80 1 |
| | N_LATTICE_POINTS | 85 |
| | N_BOUNDARY_LATTICE_POINTS | 84 |
| | LATTICE_VOLUME | 405 |
| | FACETS | 1 0 -1 0 0 |
| | | 1 -1 0 0 1 |
| | | 10001 |
| | | 1 -1 1 0 1 |
| | | 1 -1 0 1 0 |
| | | 1 -1 0 0 0 |
| | | 100-10 |
| | | 1 0 0 0 -1 |
| | | 1 1 0 0 0 |
| 54 | <u>F.4D.0054</u> | |
| | DIM | 4 |
| | N_FACETS | 10 |
| | N_VERTICES | 24 |
| | F_VECTOR | 24 48 34 10 |
| | H_STAR_VECTOR | 1 60 176 60 1 |
| | N_LATTICE_POINTS | 65 |
| | N_BOUNDARY_LATTICE_POINTS | 64 |
| | LATTICE_VOLUME | 298 |
| | · · · · · · · · · · · · · · · · · | 200 |
| | | |

| -,, | | , |
|-----|--|--|
| | FACETS | 1 0 0 0 -1 |
| | | 1 -1 0 1 0 |
| | | 1 -1 1 0 1 |
| | | 1 0 -1 0 0 |
| | | 1 -1 0 0 0 |
| | | 1 1 0 0 -1 |
| | | 100-10 |
| | | 1 -1 0 0 1 |
| | | 10001 |
| | | 1 1 0 0 0 |
| 55 | F.4D.0055 | |
| | DIM | 4 |
| | N_FACETS | 9 |
| | N_VERTICES | 20 |
| | F_VECTOR | 20 40 29 9 |
| | H_STAR_VECTOR | 1 80 243 80 1 |
| | N_LATTICE_POINTS | 85 |
| | N_BOUNDARY_LATTICE_POINTS | 84 |
| | LATTICE_VOLUME | 405 |
| | FACETS | 1 -1 1 0 0 |
| | | 1 -1 0 0 0 |
| | | 1 0 -1 0 0 |
| | | 1 0 0 0 1 |
| | | 1 0 0 -1 0 |
| | | 1 0 0 0 -1 |
| | | 10011 |
| | | 1 1 0 1 1 |
| | | 10010 |
| 56 | F (D 0000) | |
| 50 | F.4D.0056 | |
| 50 | F.4D.0056 DIM | 4 |
| | | 10 |
| | DIM | |
| | DIM N_FACETS | 10 |
| | DIM N_FACETS N_VERTICES | 10 24 |
| | DIM N_FACETS N_VERTICES F_VECTOR | 10 24 24 48 34 10 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR | 10 24 24 48 34 10 1 60 176 60 1 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS | 10 24 24 48 34 10 1 60 176 60 1 65 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS | 10 24 24 48 34 10 1 60 176 60 1 65 64 298 1 0 0 1 0 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 10 24 24 48 34 10 1 60 176 60 1 65 64 298 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 10 24 24 48 34 10 1 60 176 60 1 65 64 298 1 0 0 1 0 1 -1 1 0 0 1 0 0 -1 1 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 10 24 24 48 34 10 1 60 176 60 1 65 64 298 1 0 0 1 0 1 -1 1 0 0 1 0 0 -1 1 1 0 -1 0 0 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 10 24 24 48 34 10 1 60 176 60 1 65 64 298 1 0 0 1 0 1 -1 1 0 0 1 0 0 -1 1 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 10 24 24 48 34 10 1 60 176 60 1 65 64 298 1 0 0 1 0 1 -1 1 0 0 1 0 0 -1 1 1 0 0 1 0 1 1 0 0 1 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 10 24 24 48 34 10 1 60 176 60 1 65 64 298 1 0 0 1 0 1 -1 1 0 0 1 0 0 -1 1 1 0 0 0 1 1 0 0 1 1 -1 0 0 0 1 1 0 0 1 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 10 24 24 48 34 10 1 60 176 60 1 65 64 298 1 0 0 1 0 1 -1 1 0 0 1 0 0 -1 1 1 0 0 0 1 1 0 0 1 1 -1 0 0 0 1 0 0 -1 0 1 0 0 0 1 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 10 24 24 48 34 10 1 60 176 60 1 65 64 298 1 0 0 1 0 1 -1 1 0 0 1 0 0 -1 1 1 0 0 1 1 -1 0 0 0 1 1 0 0 1 1 -1 0 0 0 1 0 0 -1 0 1 0 0 0 1 1 0 0 0 1 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS | 10 24 24 48 34 10 1 60 176 60 1 65 64 298 1 0 0 1 0 1 -1 1 0 0 1 0 0 -1 1 1 0 0 0 1 1 0 0 1 1 -1 0 0 0 1 0 0 -1 0 1 0 0 0 1 |
| 57 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS F_4D_0057 | 10 24 24 48 34 10 1 60 176 60 1 65 64 298 1 0 0 1 0 1 -1 1 0 0 1 0 0 -1 1 1 0 0 1 1 -1 0 0 0 1 1 0 0 1 1 -1 0 0 0 1 0 0 -1 0 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS FACETS F4D.0057 DIM | 10 24 24 48 34 10 1 60 176 60 1 65 64 298 1 0 0 1 0 1 -1 1 0 0 1 0 -1 0 1 1 0 0 1 1 -1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS E4D.0057 DIM N_FACETS | 10 24 24 48 34 10 1 60 176 60 1 65 64 298 1 0 0 1 0 1 -1 1 0 0 1 0 -1 1 1 0 -1 0 0 1 1 0 0 1 1 -1 0 0 0 1 0 0 -1 0 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS FACETS FACETS IM N_FACETS N_YERTICES | 10 24 24 48 34 10 1 60 176 60 1 65 64 298 1 0 0 1 0 1 -1 1 0 0 1 0 -1 0 1 1 0 0 1 1 -1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS F_4D_0057 DIM N_FACETS N_VERTICES F_VECTOR | 10 24 24 48 34 10 1 60 176 60 1 65 64 298 1 0 0 1 0 1 -1 1 0 0 1 0 -1 1 1 0 -1 0 0 1 1 0 0 1 1 -1 0 0 0 1 0 0 -1 0 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 1 -1 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS E4D_0057 DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR | 10 24 24 48 34 10 1 60 176 60 1 65 64 298 1 0 0 1 0 1 -1 1 0 0 1 0 -1 1 1 0 -1 0 0 1 1 0 0 1 1 -1 0 0 0 1 0 0 -1 0 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 1 -1 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS F_4D_0057 DIM N_FACETS N_VERTICES F_VECTOR | 10 24 24 48 34 10 1 60 176 60 1 65 64 298 1 0 0 1 0 1 -1 1 0 0 1 0 0 -1 1 1 0 -1 0 0 1 1 0 0 0 1 1 0 0 0 1 1 -1 0 0 0 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 20 40 29 9 |

| 24, 7. | 10 FWI | FOIJUB |
|--------|---------------------------|--------------------------|
| | N_BOUNDARY_LATTICE_POINTS | 78 |
| | LATTICE_VOLUME | 373 |
| | FACETS | 10-100 |
| | | 1 1 0 0 1 |
| | | 1 -1 1 0 0 |
| | | 1 -1 0 0 0 |
| | | 1 0 0 0 1 |
| | | 1 0 0 -1 0 |
| | | 1 0 0 -1 1 |
| | | 1000-1 |
| | | 10010 |
| 8 | F.4D.0058 DIM | |
| | | 4 |
| | N_FACETS | 9 |
| | N_VERTICES | 20 |
| | F_VECTOR | 20 40 29 9 |
| | H_STAR_VECTOR | 1 68 203 68 1 |
| | N_LATTICE_POINTS | 73 |
| | N_BOUNDARY_LATTICE_POINTS | 72 |
| | LATTICE_VOLUME | 341 |
| | FACETS | 1 0 0 -1 0 |
| | | 1 0 -1 1 0 |
| | | 1 -1 0 0 1 |
| | | 10-100 |
| | | 11-100 |
| | | 1 -1 0 0 0 1 0 0 0 -1 |
| | | 10100 |
| | | 11000 |
| 59 | <u>F.4D.0059</u> | |
| | DIM | 4 |
| | N_FACETS | 8 |
| | N_VERTICES | 16 |
| | F_VECTOR | 16 32 24 8 |
| | H_STAR_VECTOR | 1 88 270 88 1 |
| | N_LATTICE_POINTS | 93 |
| | N_BOUNDARY_LATTICE_POINTS | 92 |
| | LATTICE_VOLUME | 448 |
| | FACETS | 1 1 0 0 1 |
| | | 1 -1 0 1 0 |
| | | 1 0 0 0 -1 |
| | | 1 0 0 -1 0 |
| | | 1 0 -1 0 0 |
| | | 1 -1 0 0 0 |
| | | 10001 |
| | | 10101 |
| 60 | <u>F.4D.0060</u> | |
| | DIM | 4 |
| | N_FACETS | 9 |
| | N_VERTICES | 20 |
| | F_VECTOR | 20 40 29 9 |
| | H_STAR_VECTOR | 1 66 197 66 1 |
| | N_LATTICE_POINTS | 71 |
| | N_BOUNDARY_LATTICE_POINTS | 70 |
| | | |

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| | LATTICE_VOLUME | 331 |
|----|-------------------------------------|--|
| | FACETS | 1 0 -1 0 0 |
| | | 1 -1 0 1 0 |
| | | 1 0 0 0 -1 |
| | | 1 0 0 -1 1 |
| | | 1 -1 0 0 0 |
| | | 1 -1 1 1 0 |
| | | 10010 |
| | | 1 0 0 -1 0 |
| | | 1 1 0 0 0 |
| 61 | <u>F.4D.0061</u> | |
| | DIM | 4 |
| | N_FACETS | 10 |
| | N_VERTICES | 24 |
| | F_VECTOR | 24 48 34 10 |
| | H_STAR_VECTOR | 1 56 164 56 1 |
| | N_LATTICE_POINTS | 61 |
| | N_BOUNDARY_LATTICE_POINTS | 60 |
| | LATTICE_VOLUME | 278 |
| | FACETS | 100-10 |
| | | 100-11 |
| | | 1-1110 |
| | | 10-100 |
| | | 1 -1 0 0 0 |
| | | 1 0 0 0 -1 |
| | | 1 -1 0 1 0 |
| | | 1 1 0 -1 0 |
| | | 10010 |
| | | 11000 |
| 62 | <u>F.4D.0062</u> | |
| | DIM | 4 |
| | N_FACETS | 9 |
| | N_VERTICES | 20 |
| | F_VECTOR | 20 40 29 9 |
| | H_STAR_VECTOR | 1 72 217 72 1 |
| | N_LATTICE_POINTS | 77 |
| | N_BOUNDARY_LATTICE_POINTS | 76 |
| | LATTICE_VOLUME | 363 |
| | FACETS | 1 0 -1 0 0 |
| | | 1 -1 0 1 0 |
| | | 1 0 0 0 -1 |
| | | 1 0 0 -1 1 |
| | | 1 -1 0 0 0 |
| | | 1 -1 1 1 0 |
| | | 10010 |
| | | 10010 |
| | | 100-10 |
| | | |
| 63 | <u>F.4D.0063</u> | 1 0 0 -1 0 |
| 63 | F.4D.0063 DIM | 1 0 0 -1 0 |
| 63 | | 1 0 0 -1 0 1 1 0 -1 0 |
| 63 | DIM | 100-10 110-10 |
| 63 | DIM N_FACETS | 1 0 0 -1 0 1 1 0 -1 0 4 9 |
| 63 | DIM N_FACETS N_VERTICES | 1 0 0 -1 0 1 1 0 -1 0 4 9 21 |
| 63 | DIM N_FACETS N_VERTICES F_VECTOR | 1 0 0 -1 0 1 1 0 -1 0 4 9 21 21 42 30 9 |

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|--------|---------------------------|--------------------------|
| | N_BOUNDARY_LATTICE_POINTS | 70 |
| | LATTICE_VOLUME | 332 |
| | FACETS | 1 0 -1 0 0 |
| | | 10010 |
| | | 1 0 0 0 -1 |
| | | 1-1010 |
| | | 1 -1 0 0 0 1 0 1 0 1 |
| | | 1-1110 |
| | | 1 0 0 -1 0 |
| | | 11000 |
| 64 | <u>F.4D.0064</u> | |
| | DIM | 4 |
| | N_FACETS | 9 |
| | N_VERTICES | 20 |
| | F_VECTOR | 20 40 29 9 |
| | H_STAR_VECTOR | 1 73 220 73 1 |
| | N_LATTICE_POINTS | 78 |
| | N_BOUNDARY_LATTICE_POINTS | 77 |
| | LATTICE_VOLUME | 368 |
| | FACETS | 1 0 0 -1 0 |
| | | 1 0 -1 0 0 |
| | | 1 -1 0 0 1 |
| | | 1-1000 |
| | | 1 0 1 0 0 1 1 0 0 0 |
| | | 1-1011 |
| | | 1 0 0 0 -1 |
| | | 10001 |
| 65 | <u>F.4D.0065</u> | |
| | DIM | 4 |
| | N_FACETS | 10 |
| | N_VERTICES | 24 |
| | F_VECTOR | 24 48 34 10 |
| | H_STAR_VECTOR | 1 58 170 58 1 |
| | N_LATTICE_POINTS | 63 |
| | N_BOUNDARY_LATTICE_POINTS | 62 |
| | LATTICE_VOLUME | 288 |
| | FACETS | 1 0 0 0 -1 |
| | | 1 1 0 0 0 |
| | | 1 -1 0 0 1 |
| | | 1 0 -1 0 0 1 0 0 -1 0 |
| | | 1 1 0 0 -1 |
| | | 1-1011 |
| | | 10001 |
| | | 1 -1 0 0 0 |
| | | 10100 |
| 66 | F.4D.0066 | |
| | DIM | 4 |
| | N_FACETS | 10 |
| | N_VERTICES | 24 |
| | F_VECTOR | 24 48 34 10 |
| | H_STAR_VECTOR | 1 54 158 54 1 |
| | | |

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| | N_LATTICE_POINTS | 59 |
| | N_BOUNDARY_LATTICE_POINTS | 58 |
| | LATTICE_VOLUME | 268 |
| | FACETS | 1 0 0 -1 0 |
| | | 1 -1 0 0 1 |
| | | 1 1 0 0 -1 |
| | | 1 -1 0 1 1 |
| | | 1 0 -1 0 0 |
| | | 1 -1 0 0 0 |
| | | 10001 |
| | | 1 0 0 0 -1 |
| | | 1 1 1 0 -1 |
| | | 11000 |
| 67 | <u>F.4D.0067</u> | |
| | DIM | 4 |
| | N_FACETS | 9 |
| | N_VERTICES | 20 |
| | F_VECTOR | 20 40 29 9 |
| | H_STAR_VECTOR | 1 70 210 70 1 |
| | N_LATTICE_POINTS | 75 |
| | N_BOUNDARY_LATTICE_POINTS | 74 |
| | LATTICE_VOLUME | |
| | FACETS | 352 |
| | FACETS | 100-10 |
| | | 1 0 -1 0 0 1 -1 0 0 1 |
| | | 1-1001 |
| | | 10100 |
| | | 1 -1 0 1 1 |
| | | 1 0 0 0 -1 |
| | | 1 1 0 0 -1 |
| | | 10001 |
| 68 | <u>F.4D.0068</u> | |
| | DIM | 4 |
| | N_FACETS | 9 |
| | N_VERTICES | 20 |
| | F_VECTOR | 20 40 29 9 |
| | H_STAR_VECTOR | 1 62 184 62 1 |
| | N_LATTICE_POINTS | 67 |
| | N_BOUNDARY_LATTICE_POINTS | 66 |
| | LATTICE_VOLUME | 310 |
| | FACETS | |
| | FACETS | 1 1 1 0 -1 1 0 0 0 1 |
| | | 10001 |
| | | 10-10 |
| | | 1 1 0 0 -1 |
| | | 1-1011 |
| | | 1 -1 0 0 0 |
| | | 1 -1 0 0 1 |
| | | 1 0 0 0 -1 |
| 69 | <u>F.4D.0069</u> | |
| | DIM | 4 |
| | | |
| | N_FACETS | 8 |
| | N_FACETS N_VERTICES | 16 |
| | | |

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|----|---------------------------|--------------------------|
| | H_STAR_VECTOR | 1 81 247 81 1 |
| | N_LATTICE_POINTS | 86 |
| | N_BOUNDARY_LATTICE_POINTS | 85 |
| | LATTICE_VOLUME | 411 |
| | FACETS | 1 0 0 0 -1 |
| | | 1 1 0 0 1 |
| | | 1 -1 0 1 0 |
| | | 1 -1 0 0 0 |
| | | 1-1110 |
| | | 1 0 -1 0 0 1 0 0 -1 0 |
| | | 10010 |
| 70 | <u>F.4D.0070</u> | |
| | DIM | 4 |
| | N_FACETS | 8 |
| | N_VERTICES | 16 |
| | F_VECTOR | 16 32 24 8 |
| | H_STAR_VECTOR | 1 77 234 77 1 |
| | N_LATTICE_POINTS | 82 |
| | N_BOUNDARY_LATTICE_POINTS | 81 |
| | LATTICE_VOLUME | 390 |
| | FACETS | 1 0 0 0 -1 |
| | | 1 1 0 -1 1 |
| | | 1 -1 0 1 0 |
| | | 1 -1 0 0 0 |
| | | 1 -1 1 1 0 |
| | | 10-100 |
| | | 1 0 0 -1 0 1 0 0 1 0 |
| 71 | <u>F.4D.0071</u> | |
| /1 | DIM | 4 |
| | N_FACETS | 8 |
| | N_VERTICES | 16 |
| | F_VECTOR | 16 32 24 8 |
| | H_STAR_VECTOR | |
| | N_LATTICE_POINTS | 1 82 250 82 1 |
| | N_BOUNDARY_LATTICE_POINTS | 87 |
| | | 86 |
| | LATTICE_VOLUME | 416 |
| | FACETS | 10011 |
| | | 1 0 0 -1 0 1 0 -1 0 0 |
| | | 1000-1 |
| | | 1 -1 0 0 0 |
| | | 1 1 0 0 1 |
| | | 1 0 0 0 1 |
| | | 10100 |
| 72 | F.4D.0072 | |
| | DIM | 4 |
| | N_FACETS | 8 |
| | N_VERTICES | 16 |
| | F_VECTOR | 16 32 24 8 |
| | H_STAR_VECTOR | 1 70 210 70 1 |
| | N_LATTICE_POINTS | 75 |
| | | |

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| | N_BOUNDARY_LATTICE_POINTS | 74 |
| | LATTICE_VOLUME | 352 |
| | FACETS | 10011 |
| | | 1 0 0 -1 0 |
| | | 1 0 -1 0 0 |
| | | 1 0 0 0 -1 |
| | | 1 -1 0 0 0 |
| | | 1 1 0 0 1 |
| | | 10001 |
| | | 1 0 1 0 -1 |
| 73 | F.4D.0073 | |
| | DIM | 4 |
| | N_FACETS | 7 |
| | N_VERTICES | 12 |
| | F_VECTOR | 12 24 19 7 |
| | H_STAR_VECTOR | 1 95 294 95 1 |
| | N_LATTICE_POINTS | 100 |
| | N_BOUNDARY_LATTICE_POINTS | 99 |
| | LATTICE_VOLUME | 486 |
| | FACETS | |
| | MOLIO | 1 0 0 0 -1 1 0 -1 0 0 |
| | | 1 -1 0 0 0 |
| | | 10-110 |
| | | 1 0 0 -1 0 |
| | | 10101 |
| | | 1 1 -1 0 0 |
| 74 | <u>F.4D.0074</u> | |
| | DIM | 4 |
| | N_FACETS | 10 |
| | N_VERTICES | 25 |
| | F_VECTOR | 25 50 35 10 |
| | H_STAR_VECTOR | 1 59 174 59 1 |
| | N_LATTICE_POINTS | 64 |
| | N_BOUNDARY_LATTICE_POINTS | 63 |
| | LATTICE_VOLUME | 294 |
| | FACETS | |
| | FACETS | 1 0 0 1 0 1 0 0 0 -1 |
| | | 10011 |
| | | 1-1100 |
| | | 1 0 0 0 1 |
| | | 1 0 0 -1 0 |
| | | 1 -1 0 0 0 |
| | | 10100 |
| | | 1 0 -1 0 0 |
| | | 11000 |
| 75 | <u>F.4D.0075</u> . | |
| | DIM | 4 |
| | N_FACETS | 11 |
| | N_VERTICES | 30 |
| | F_VECTOR | 30 60 41 11 |
| | H_STAR_VECTOR | 1 51 148 51 1 |
| | N_LATTICE_POINTS | 56 |
| | N_BOUNDARY_LATTICE_POINTS | 55 |
| | LATTICE_VOLUME | 252 |
| | | |

PolyDB

| | FACETS | 10010 |
|-----|---|---|
| | | 1 0 0 1 0 1 0 0 0 -1 |
| | | 1000-1 |
| | | 11-100 |
| | | 10001 |
| | | 10-100 |
| | | 1 -1 0 0 0 |
| | | 100-10 |
| | | 1-1100 |
| | | 10100 |
| | | 1 1 0 0 0 |
| 76 | <u>F.4D.0076</u> | |
| - | DIM | 4 |
| | N_FACETS | |
| | | 12 |
| | N_VERTICES | 36 |
| | F_VECTOR | 36 72 48 12 |
| | H_STAR_VECTOR | 1 44 126 44 1 |
| | N_LATTICE_POINTS | 49 |
| | N_BOUNDARY_LATTICE_POINTS | 48 |
| | LATTICE_VOLUME | 216 |
| | FACETS | 1 0 0 1 -1 |
| | | 1 0 0 0 -1 |
| | | 10010 |
| | | 1 0 0 -1 0 |
| | | 10001 |
| | | 1 0 -1 0 0 |
| | | 1 1 -1 0 0 |
| | | 1 -1 0 0 0 |
| | | 1 0 0 -1 1 |
| | | 1 -1 1 0 0 |
| | | 1-1100 |
| | | 10100 |
| | | |
| 77 | <u>F.4D.0077</u> | 10100 |
| 77 | F.4D.0077 DIM | 10100 |
| 77 | | 10100 |
| 77 | DIM | 10100 11000 |
| 77 | DIM N_FACETS | 10100 11000 |
| 77 | DIM N_FACETS N_VERTICES | 10100 11000 4 9 20 |
| 77 | DIM N_FACETS N_VERTICES F_VECTOR | 1 0 1 0 0 1 1 0 0 0 4 9 20 20 40 29 9 |
| 77 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR | 1 0 1 0 0 1 1 0 0 0 4 9 20 20 40 29 9 1 65 193 65 1 |
| 77 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS | 1 0 1 0 0 1 1 0 0 0 4 9 20 20 40 29 9 1 65 193 65 1 70 |
| 77 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS | 1 0 1 0 0 1 1 0 0 0 4 9 20 20 40 29 9 1 65 193 65 1 70 69 325 |
| 777 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 0 1 0 0 1 1 0 0 0 4 9 20 20 40 29 9 1 65 193 65 1 70 69 325 1 -1 0 1 0 |
| 77 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 0 1 0 0 1 1 0 0 0 4 9 20 20 40 29 9 1 65 193 65 1 70 69 325 1 -1 0 1 0 1 0 0 0 -1 |
| 77 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 0 1 0 0 1 1 0 0 0 4 9 20 20 40 29 9 1 65 193 65 1 70 69 325 1 -1 0 1 0 1 0 0 0 -1 1 0 -1 0 0 |
| 77 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 0 1 0 0 1 1 0 0 0 4 9 20 20 40 29 9 1 65 193 65 1 70 69 325 1 -1 0 1 0 1 0 0 0 -1 1 0 -1 0 0 1 0 1 1 1 |
| 77 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 0 1 0 0 1 1 0 0 0 4 9 20 20 40 29 9 1 65 193 65 1 70 69 325 1 -1 0 1 0 1 0 0 0 -1 1 0 -1 0 0 |
| 777 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 0 1 0 0 1 1 0 0 0 4 9 20 20 40 29 9 1 65 193 65 1 70 69 325 1 -1 0 1 0 1 0 0 0 -1 1 0 -1 0 0 1 0 1 1 1 1 0 0 1 0 |
| 77 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 0 1 0 0 1 1 0 0 0 4 9 20 20 40 29 9 1 65 193 65 1 70 69 325 1 -1 0 1 0 1 0 0 0 -1 1 0 -1 0 0 1 0 1 1 1 1 0 0 1 0 1 1 0 -1 0 |
| 77 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 10100 11000 4 9 20 20 40 29 9 165 193 65 1 70 69 325 1-1010 1000-1 10-100 10111 10010 110-10 10011 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 10100 11000 4 9 20 2040299 165193651 70 69 325 1-1010 1000-1 10-100 10111 10010 110-10 10011 1-1000 |
| | N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS | 10100 11000 4 9 20 2040299 165193651 70 69 325 1-1010 1000-1 10-100 10111 10010 110-10 10011 1-1000 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS F_4D.0078 | 10100 11000 4 9 20 20 40 29 9 165 193 65 1 70 69 325 1-1010 100-1 10-100 10111 10010 110-10 10011 1-1000 10011 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS F_4D_0078 DIM | 10100 11000 4 9 20 20 40 29 9 1 65 193 65 1 70 69 325 1-1010 1000-1 10-100 10111 10010 110-10 10011 1-1000 100-10 |
| 77 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS E4D.0078 DIM N_FACETS | 10100 11000 4 9 20 2040299 165193651 70 69 325 1-1010 1000-1 10-100 10111 10010 110-10 10011 1-1000 10011 1-1000 100-10 |

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|----|---------------------------|-------------------------|
| | H_STAR_VECTOR | 1 58 170 58 1 |
| | N_LATTICE_POINTS | 63 |
| | N_BOUNDARY_LATTICE_POINTS | 62 |
| | LATTICE_VOLUME | 288 |
| | FACETS | 1 0 0 -1 0 |
| | | 1 0 0 0 -1 |
| | | 1 -1 0 0 0 |
| | | 1 0 -1 0 0 |
| | | 1 1 0 0 0 |
| | | 10-110 |
| | | 1 -1 0 0 1 |
| | | 1 0 0 0 1 1 1 0 0 -1 |
| | | 10100 |
| 79 | <u>F.4D.0079</u> | |
| | DIM | 4 |
| | N_FACETS | 9 |
| | N_VERTICES | 20 |
| | F_VECTOR | |
| | H_STAR_VECTOR | 20 40 29 9 |
| | | 1 67 200 67 1 |
| | N_LATTICE_POINTS | 72 |
| | N_BOUNDARY_LATTICE_POINTS | 71 |
| | LATTICE_VOLUME | 336 |
| | FACETS | 1 0 0 0 1 |
| | | 1 0 0 -1 0 |
| | | 1000-1 |
| | | 11000 |
| | | 1 -1 0 0 0 1 0 1 0 1 |
| | | 1-1010 |
| | | 10-100 |
| | | 10010 |
| 80 | <u>F.4D.0080</u> | |
| | DIM | 4 |
| | N_FACETS | 8 |
| | N_VERTICES | 16 |
| | F_VECTOR | 16 32 24 8 |
| | H_STAR_VECTOR | |
| | | 1 71 213 71 1 |
| | N_LATTICE_POINTS | 76 |
| | N_BOUNDARY_LATTICE_POINTS | 75 |
| | LATTICE_VOLUME | 357 |
| | FACETS | 1 -1 0 1 0 |
| | | 1000-1 |
| | | 10-100 |
| | | 11101 |
| | | 1 -1 0 0 0 1 0 0 1 0 |
| | | 100-10 |
| | | 11001 |
| 81 | <u>F.4D.0081</u> | |
| | DIM | 4 |
| | N_FACETS | 8 |
| | N_VERTICES | 16 |
| | F_VECTOR | |
| | I_VECTOR | 16 32 24 8 |
| | | |

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| | H_STAR_VECTOR | 1 85 260 85 1 |
| | N_LATTICE_POINTS | 90 |
| | N_BOUNDARY_LATTICE_POINTS | 89 |
| | LATTICE_VOLUME | 432 |
| | FACETS | 1 0 0 -1 0 |
| | | 10001 |
| | | 1 0 -1 0 0 |
| | | 1 -1 0 0 0 |
| | | 1-1110 |
| | | 1 -1 0 1 0 1 0 0 0 -1 |
| | | 11001 |
| 82 | <u>F.4D.0082</u> | |
| | DIM | 4 |
| | N_FACETS | 8 |
| | N_VERTICES | 16 |
| | F_VECTOR | 16 32 24 8 |
| | H_STAR_VECTOR | |
| | N_LATTICE_POINTS | 1 76 230 76 1 |
| | | 81 |
| | N_BOUNDARY_LATTICE_POINTS | 80 |
| | LATTICE_VOLUME | 384 |
| | FACETS | 11-100 |
| | | 1 0 0 0 1 1 0 0 -1 0 |
| | | 10-100 |
| | | 1 0 0 0 -1 |
| | | 1 -1 0 0 0 |
| | | 10100 |
| | | 10011 |
| 83 | <u>F.4D.0083</u> | |
| | DIM | 4 |
| | N_FACETS | 9 |
| | N_VERTICES | 20 |
| | F_VECTOR | 20 40 29 9 |
| | H_STAR_VECTOR | |
| | | 1 60 177 60 1 |
| | N_LATTICE_POINTS | 1 60 177 60 1 65 |
| | | |
| | N_LATTICE_POINTS | 65 |
| | N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS | 65 64 |
| | N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 65 64 299 |
| | N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 65 64 299 1 0 0 0 -1 |
| | N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 65 64 299 1 0 0 0 -1 1 -1 0 0 0 1 0 1 1 0 1 0 0 -1 1 |
| | N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 65 64 299 1 0 0 0 -1 1 -1 0 0 0 1 0 1 1 0 1 0 0 -1 1 1 0 0 1 0 |
| | N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 65 64 299 1 0 0 0 -1 1 -1 0 0 0 1 0 1 1 0 1 0 0 -1 1 1 0 0 1 0 1 0 -1 0 0 |
| | N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 65 64 299 1000-1 1-1000 10110 100-11 10010 10-100 100-10 |
| | N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 65 64 299 1 0 0 0 -1 1 -1 0 0 0 1 0 1 1 0 1 0 0 -1 1 1 0 0 1 0 1 0 -1 0 0 |
| 84 | N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 65 64 299 1000-1 1-1000 10110 100-11 10010 10-100 100-10 10100 |
| 84 | N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS | 65 64 299 1000-1 1-1000 10110 100-11 10010 10-100 100-10 10100 |
| 84 | N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS E4D.0084 | 65 64 299 1 0 0 0 -1 1 -1 0 0 0 1 0 1 1 0 1 0 0 -1 1 1 0 0 1 0 1 0 -1 0 0 1 0 0 -1 0 1 0 1 0 0 1 1 1 -1 0 0 |
| 84 | N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS E_4D_0084 DIM | 65 64 299 1000-1 1-1000 10110 100-11 10010 10-100 10100 11-100 |
| 84 | N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS E_4D_0084 DIM N_FACETS | 65 64 299 1000-1 1-1000 10110 100-11 10010 10-100 10-100 10100 11-100 |
| 84 | N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS F4D.0084 DIM N_FACETS N_VERTICES | 65 64 299 1 0 0 0 -1 1 -1 0 0 0 1 0 1 1 0 1 0 0 -1 1 1 0 0 1 0 1 0 -1 0 0 1 0 1 0 0 1 1 -1 0 0 4 8 16 |
| 84 | N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS E4D.0084 DIM N_FACETS N_VERTICES F_VECTOR | 65 64 299 1000-1 1-1000 10110 100-11 10010 10-100 100-10 10100 11-100 4 8 16 16 32 24 8 |

| | 8 PM | PolyDB |
|----|--|--|
| | N_BOUNDARY_LATTICE_POINTS | 74 |
| | LATTICE_VOLUME | 352 |
| | FACETS | 10100 |
| | | 1 0 0 0 -1 |
| | | 1 0 0 -1 0 |
| | | 1 0 -1 0 0 |
| | | 1 -1 0 0 0 |
| | | 10101 |
| | | 10111 |
| 35 | F 4D 0005 | 11-100 |
| 5 | F.4D.0085 DIM | 4 |
| | N_FACETS | 7 |
| | N_VERTICES | |
| | F_VECTOR | 12 |
| | H_STAR_VECTOR | 12 24 19 7 |
| | | 1 80 243 80 1 |
| | N_LATTICE_POINTS | 85 |
| | N_BOUNDARY_LATTICE_POINTS | 84 |
| | LATTICE_VOLUME | 405 |
| | FACETS | 1000-1 |
| | | 10-100 |
| | | 1-1000 |
| | | 10-110 |
| | | 1 0 0 -1 0 1 0 1 0 1 |
| | | 11101 |
| 36 | F.4D.0086 | |
| | DIM | 4 |
| | N_FACETS | 8 |
| | N_VERTICES | 17 |
| | F_VECTOR | 17 34 25 8 |
| | 1_120101 | 17.34.73.0 |
| | H_STAR_VECTOR | |
| | | 1 72 218 72 1 |
| | H_STAR_VECTOR | 1 72 218 72 1 77 |
| | H_STAR_VECTOR N_LATTICE_POINTS | 1 72 218 72 1 |
| | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS | 1 72 218 72 1 77 76 364 |
| | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 72 218 72 1 77 76 364 1 0 0 -1 0 |
| | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 72 218 72 1 77 76 364 1 0 0 -1 0 1 0 0 0 -1 |
| | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 72 218 72 1 77 76 364 1 0 0 -1 0 1 0 0 0 -1 1 0 1 1 0 |
| | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 72 218 72 1 77 76 364 1 0 0 -1 0 1 0 0 0 -1 |
| | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 72 218 72 1 77 76 364 1 0 0 -1 0 1 0 0 0 -1 1 0 1 1 0 1 -1 0 0 0 |
| | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 72 218 72 1 77 76 364 1 0 0 -1 0 1 0 0 0 -1 1 0 1 1 0 1 -1 0 0 0 1 0 -1 0 0 |
| | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 72 218 72 1 77 76 364 1 0 0 -1 0 1 0 0 0 -1 1 0 1 1 0 1 -1 0 0 0 1 0 -1 0 0 1 1 -1 0 1 |
| 37 | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 72 218 72 1 77 76 364 1 0 0 -1 0 1 0 0 0 -1 1 0 1 1 0 1 -1 0 0 0 1 1 -1 0 1 1 1 0 0 1 |
| 37 | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS | 1 72 218 72 1 77 76 364 1 0 0 -1 0 1 0 0 0 -1 1 0 1 1 0 1 -1 0 0 0 1 1 -1 0 1 1 1 0 0 1 |
| 37 | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS F4D.0087 | 1 72 218 72 1 77 76 364 1 0 0 -1 0 1 0 0 0 -1 1 0 1 1 0 1 -1 0 0 0 1 1 -1 0 1 1 1 0 0 1 1 1 0 1 1 |
| 37 | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS F4D.0087 DIM | 1 72 218 72 1 77 76 364 1 0 0 -1 0 1 0 0 0 -1 1 0 1 1 0 1 -1 0 0 0 1 1 -1 0 1 1 1 0 0 1 1 1 0 1 1 |
| 37 | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS E4D.0087 DIM N_FACETS | 1 72 218 72 1 77 76 364 1 0 0 -1 0 1 0 0 0 -1 1 0 1 1 0 1 -1 0 0 0 1 1 -1 0 1 1 1 0 0 1 1 1 0 0 1 4 8 |
| 87 | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS F_4D_0087 DIM N_FACETS N_VERTICES | 1 72 218 72 1 77 76 364 1 0 0 -1 0 1 0 0 0 -1 1 0 1 1 0 1 -1 0 0 0 1 1 -1 0 1 1 1 0 0 1 1 1 0 1 1 4 8 16 |
| 87 | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS F_4D_0087 DIM N_FACETS N_VERTICES F_VECTOR | 1 72 218 72 1 77 76 364 1 0 0 -1 0 1 0 0 0 -1 1 0 1 1 0 1 -1 0 0 0 1 1 -1 0 1 1 1 0 0 1 1 1 0 1 1 4 8 16 16 32 24 8 |
| 87 | H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS E_4D_0087 DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR | 1 72 218 72 1 77 76 364 1 0 0 -1 0 1 0 0 0 -1 1 0 1 1 0 1 -1 0 0 0 1 0 -1 0 0 1 1 -1 0 1 1 1 0 0 1 1 1 0 1 1 4 8 16 16 32 24 8 1 77 233 77 1 |

| 18 PM | Ројурв |
|---|--|
| FACETS | 1 -1 0 0 0 |
| | 1 0 1 0 -1 |
| | 1 0 -1 0 0 |
| | 1 0 -1 1 1 |
| | 1 0 0 -1 0 |
| | 1 0 -1 0 1 |
| | 1 0 0 0 -1 |
| | 1 1 0 0 1 |
| | |
| | 4 |
| | 8 |
| N_VERTICES | 16 |
| F_VECTOR | 16 32 24 8 |
| H_STAR_VECTOR | 1 76 230 76 1 |
| N_LATTICE_POINTS | 81 |
| N_BOUNDARY_LATTICE_POINTS | 80 |
| LATTICE_VOLUME | 384 |
| FACETS | 1 0 0 -1 0 |
| | 10100 |
| | 1 0 -1 0 0 |
| | 1 0 -1 1 0 |
| | 1 0 0 -1 1 |
| | 1 -1 0 0 0 |
| | 1 1 -1 1 0 |
| | 1 0 0 0 -1 |
| <u>F.4D.0089</u> | |
| DIM | 4 |
| N_FACETS | 8 |
| N_VERTICES | 16 |
| F_VECTOR | 16 32 24 8 |
| H_STAR_VECTOR | 1 76 230 76 1 |
| N_LATTICE_POINTS | 81 |
| N_BOUNDARY_LATTICE_POINTS | 80 |
| LATTICE_VOLUME | 384 |
| FACETS | 1 0 -1 0 0 |
| | 1 -1 0 0 0 |
| | 10111 |
| | 1 0 0 0 -1 |
| | 1 0 0 -1 0 |
| | 1 -1 1 1 0 |
| | 1 -1 0 1 0 |
| | 1 1 0 -1 0 |
| <u>F.4D.0090</u> | |
| DIM | 4 |
| N_FACETS | 8 |
| | |
| N_VERTICES | 16 |
| N_VERTICES F_VECTOR | |
| F_VECTOR | 16 32 24 8 |
| F_VECTOR H_STAR_VECTOR | 16 32 24 8 1 79 240 79 1 |
| F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS | 16 32 24 8 1 79 240 79 1 84 |
| F_VECTOR H_STAR_VECTOR | 16 32 24 8 1 79 240 79 1 |
| | EADLOUGH EADLOUGH DIM N.FACETS N.VERTICES F.VECTOR H.STAR_VECTOR N.LATTICE_POINTS N.BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS EADLOUGH N.FACETS N.VERTICES F.VECTOR H.STAR_VECTOR N.LATTICE_POINTS N.BOUNDARY_LATTICE_POINTS LATTICES F.VECTOR H.STAR_VECTOR N.LATTICE_POINTS N.BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS EADLOUGH EADLOUGH EADLOUGH EADLOUGH DIM |

| /24, /: | 18 PM | PolyDB |
|---------|---------------------------|--------------------------|
| | FACETS | 11000 |
| | | 1 0 -1 0 0 |
| | | 1 0 0 -1 0 |
| | | 10-110 |
| | | 100-11 |
| | | 1-1000 |
| | | 1 0 1 0 0 1 0 0 0 -1 |
| 91 | F.4D.0091 | 1000-1 |
| 91 | DIM | 4 |
| | N_FACETS | 9 |
| | N_VERTICES | 20 |
| | F_VECTOR | 20 40 29 9 |
| | H_STAR_VECTOR | 1 64 190 64 1 |
| | N_LATTICE_POINTS | 69 |
| | N_BOUNDARY_LATTICE_POINTS | 68 |
| | LATTICE_VOLUME | |
| | | 320 |
| | FACETS | 1 0 0 0 -1 1 -1 0 0 0 |
| | | 1 0 -1 0 1 |
| | | 100-10 |
| | | 1 0 -1 1 1 |
| | | 1 0 -1 0 0 |
| | | 1 0 1 0 -1 |
| | | 10100 |
| | | 1 1 0 0 0 |
| 92 | <u>F.4D.0092</u> | |
| | DIM | 4 |
| | N_FACETS | 8 |
| | N_VERTICES | 16 |
| | F_VECTOR | 16 32 24 8 |
| | H_STAR_VECTOR | 1 69 207 69 1 |
| | N_LATTICE_POINTS | 74 |
| | N_BOUNDARY_LATTICE_POINTS | 73 |
| | LATTICE_VOLUME | 347 |
| | FACETS | 1 -1 0 0 0 |
| | | 1 0 1 0 -1 |
| | | 10-100 |
| | | 1 0 -1 1 1 1 0 0 -1 0 |
| | | 10-10 |
| | | 1 0 0 0 -1 |
| | | 11100 |
| 93 | <u>F.4D.0093</u> | |
| | DIM | 4 |
| | N_FACETS | 7 |
| | N_VERTICES | 12 |
| | F_VECTOR | 12 24 19 7 |
| | H_STAR_VECTOR | 1 90 277 90 1 |
| | N_LATTICE_POINTS | 95 |
| | N_BOUNDARY_LATTICE_POINTS | 94 |
| | LATTICE_VOLUME | 459 |
| | | |

| | 18 PM | Ројурв |
|----|--|--|
| | FACETS | 1 0 0 -1 0 |
| | | 11101 |
| | | 1 -1 0 0 0 |
| | | 1 0 0 0 -1 |
| | | 10-100 |
| | | 1 0 -1 1 0 1 1 0 0 1 |
| 94 | F.4D.0094 | 11001 |
| 94 | DIM | 4 |
| | N_FACETS | |
| | N_VERTICES | |
| | F_VECTOR | 15 |
| | H_STAR_VECTOR | 15 30 23 8 |
| | | 1 88 269 88 1 |
| | N_LATTICE_POINTS | 93 |
| | N_BOUNDARY_LATTICE_POINTS | 92 |
| | LATTICE_VOLUME | 447 |
| | FACETS | 10100 |
| | | 1 0 1 0 1 |
| | | 1 0 -1 0 0 |
| | | 1 -1 0 0 0 |
| | | 1 0 0 0 -1 |
| | | 1 0 0 -1 0 |
| | | 11111 |
| | | 1 0 0 0 1 |
| 95 | F.4D.0095 DIM | 4 |
| | | 4 |
| | N_FACETS | 9 |
| | N_VERTICES | 18 |
| | F_VECTOR | 18 36 27 9 |
| | H_STAR_VECTOR | 1 67 198 67 1 |
| | N_LATTICE_POINTS | 72 |
| | N_BOUNDARY_LATTICE_POINTS | 71 |
| | LATTICE_VOLUME | 334 |
| | FACETS | 1 0 -1 0 1 |
| | | 1 0 0 0 1 1 0 0 -1 0 |
| | | 1 0 1 0 -1 |
| | | 1 -1 0 0 0 |
| | | 10-100 |
| | | 1 0 0 0 -1 |
| | | 10100 |
| | | 11011 |
| | E (D 0006 | |
| 96 | <u>F.4D.0096</u> | |
| 96 | DIM | 4 |
| 96 | | 8 |
| 96 | DIM | |
| 96 | DIM N_FACETS | 8 |
| 96 | DIM N_FACETS N_VERTICES | 8 15 |
| 96 | DIM N_FACETS N_VERTICES F_VECTOR | 8 15 15 30 23 8 |
| 96 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR | 8 15 15 30 23 8 1 82 249 82 1 |

| .,, | | |
|----------|---------------------------|---------------|
| | FACETS | 1 -1 0 0 0 |
| | | 10001 |
| | | 100-10 |
| | | |
| | | 10-100 |
| | | 1 0 0 0 -1 |
| | | 1 0 -1 0 1 |
| | | 10100 |
| | | 11011 |
| 97 | <u>F.4D.0097</u> | |
| <u> </u> | DIM | 4 |
| | N_FACETS | 9 |
| | N_VERTICES | 20 |
| | F_VECTOR | |
| | H_STAR_VECTOR | 20 40 29 9 |
| | N_LATTICE_POINTS | 1 67 200 67 1 |
| | | 72 |
| | N_BOUNDARY_LATTICE_POINTS | 71 |
| | LATTICE_VOLUME | 336 |
| | FACETS | 10011 |
| | | 1 0 0 0 -1 |
| | | 10100 |
| | | 1 -1 0 0 0 |
| | | 1 0 -1 0 0 |
| | | 100-10 |
| | | 10010 |
| | | |
| | | 10001 |
| | | 1 1 0 0 0 |
| 98 | <u>F.4D.0098</u> | |
| | DIM | 4 |
| | N_FACETS | 10 |
| | N_VERTICES | 24 |
| | F_VECTOR | 24 48 34 10 |
| | H_STAR_VECTOR | 1 58 170 58 1 |
| | N_LATTICE_POINTS | 63 |
| | N_BOUNDARY_LATTICE_POINTS | 62 |
| | LATTICE_VOLUME | 288 |
| | FACETS | 1 0 0 0 -1 |
| | | 10001 |
| | | 1 0 0 1 -1 |
| | | 1 0 -1 0 0 |
| | | 10010 |
| | | 1 0 0 -1 1 |
| | | 100-10 |
| | | |
| | | 1 -1 0 0 0 |
| | | 1 1 0 0 0 |
| | | 10100 |
| 99 | <u>F.4D.0099</u> | |
| | DIM | 4 |
| | N_FACETS | 9 |
| | N_VERTICES | 18 |
| | F_VECTOR | 18 36 27 9 |
| | H_STAR_VECTOR | 1 65 192 65 1 |
| | N_LATTICE_POINTS | 70 |
| | N_BOUNDARY_LATTICE_POINTS | 69 |
| | LATTICE_VOLUME | 324 |
| | | |

| ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 10 1 W | Т біурь |
|---|---------------------------|---------------|
| | FACETS | 1 0 -1 1 0 |
| | | 10010 |
| | | 1 0 0 0 -1 |
| | | 1 -1 0 0 0 |
| | | 1 0 -1 0 0 |
| | | 1 0 0 -1 0 |
| | | 101-10 |
| | | 11001 |
| | | 10100 |
| 100 | <u>F.4D.0100</u> | |
| | DIM | 4 |
| | N_FACETS | 8 |
| | N_VERTICES | 15 |
| | F_VECTOR | 15 30 23 8 |
| | H_STAR_VECTOR | 1 73 219 73 1 |
| | N_LATTICE_POINTS | 78 |
| | N_BOUNDARY_LATTICE_POINTS | 77 |
| | LATTICE_VOLUME | 367 |
| | FACETS | 10100 |
| | | 10010 |
| | | 1 1 -1 0 1 |
| | | 10-100 |
| | | 1 -1 0 0 0 |
| | | 1 0 0 -1 0 |
| | | 1 0 0 0 -1 |
| | | 10110 |
| 101 | <u>F.4D.0101</u> | |
| | DIM | 4 |
| | N_FACETS | 8 |
| | N_VERTICES | 15 |
| | F_VECTOR | 15 30 23 8 |
| | H_STAR_VECTOR | 1 75 226 75 1 |
| | N_LATTICE_POINTS | 80 |
| | N_BOUNDARY_LATTICE_POINTS | 79 |
| | LATTICE_VOLUME | 378 |
| | FACETS | 10100 |
| | | 10010 |
| | | 10110 |
| | | 10-100 |
| | | 1 -1 0 0 0 |
| | | 100-10 |
| | | 100-10 |
| | | 11001 |
| 102 | <u>F.4D.0102</u> | |
| | DIM | 4 |
| | N_FACETS | 8 |
| | N_VERTICES | 16 |
| | F_VECTOR | 16 32 24 8 |
| | H_STAR_VECTOR | 1 73 220 73 1 |
| | N_LATTICE_POINTS | 78 |
| | N_BOUNDARY_LATTICE_POINTS | |
| | | 77 |
| | LATTICE_VOLUME | 368 |
| | | |

496

LATTICE_VOLUME

83

401

N_BOUNDARY_LATTICE_POINTS

LATTICE_VOLUME

| PolyDB | |
|------------|--|
| 1 0 0 0 -1 | |
| 1 -1 0 0 0 | |
| 10110 | |
| 1 0 0 -1 0 | |
| 1 -1 1 0 0 | |
| 1 0 -1 0 0 | |
| 1 1 -1 0 1 | |
| | |
| 4 | |
| 8 | |

| 109 | <u>F.4D.0109</u> | |
|-----|---------------------------|---------------|
| | DIM | 4 |
| | N_FACETS | 8 |
| | N_VERTICES | 16 |
| | F_VECTOR | 16 32 24 8 |
| | H_STAR_VECTOR | 1 76 230 76 1 |
| | N_LATTICE_POINTS | 81 |
| | N_BOUNDARY_LATTICE_POINTS | 80 |
| | LATTICE_VOLUME | 384 |
| | FACETS | 11000 |
| | | 10001 |
| | | 100-10 |
| | | 1 0 -1 0 0 |
| | | 1 0 0 0 -1 |
| | | 1 -1 0 0 0 |
| | | 10100 |
| | | 10011 |

| 110 | <u>F.4D.0110</u> | |
|-----|---------------------------|---------------|
| | DIM | 4 |
| | N_FACETS | 8 |
| | N_VERTICES | 16 |
| | F_VECTOR | 16 32 24 8 |
| | H_STAR_VECTOR | 1 70 210 70 1 |
| | N_LATTICE_POINTS | 75 |
| | N_BOUNDARY_LATTICE_POINTS | 74 |
| | LATTICE_VOLUME | 352 |
| | FACETS | 1 0 1 0 -1 |
| | | 100-10 |
| | | 10-100 |
| | | 1 0 0 0 -1 |
| | | 1 -1 0 0 0 |
| | | 10011 |
| | | 10001 |
| | | 1 1 0 0 0 |

| 111 | F.4D.0111 | |
|-----|---------------------------|---------------|
| | DIM | 4 |
| | N_FACETS | 7 |
| | N_VERTICES | 12 |
| | F_VECTOR | 12 24 19 7 |
| | H_STAR_VECTOR | 1 85 260 85 1 |
| | N_LATTICE_POINTS | 90 |
| | N_BOUNDARY_LATTICE_POINTS | 89 |
| | LATTICE_VOLUME | 432 |
| | | |

| | IO F IVI | Folybb |
|-----|---|---|
| | FACETS | 1 0 0 0 -1 |
| | | 1 0 -1 0 0 |
| | | 1 -1 0 0 0 |
| | | 1 0 -1 1 0 |
| | | 1 0 0 -1 0 |
| | | 10101 |
| | E-D | 1 1 0 0 0 |
| 112 | F.4D.0112 DIM | |
| | | 4 |
| | N_FACETS | 7 |
| | N_VERTICES | 12 |
| | F_VECTOR | 12 24 19 7 |
| | H_STAR_VECTOR | 1 85 260 85 1 |
| | N_LATTICE_POINTS | 90 |
| | N_BOUNDARY_LATTICE_POINTS | 89 |
| | LATTICE_VOLUME | 432 |
| | FACETS | 1 -1 0 0 0 |
| | | 1 0 0 -1 0 |
| | | 1 0 -1 0 0 |
| | | 10010 |
| | | 1 0 0 0 -1 |
| | | 10110 |
| | | 1 1 0 0 1 |
| 113 | <u>F.4D.0113</u> | |
| | DIM | 4 |
| | N_FACETS | 7 |
| | N_VERTICES | 12 |
| | F_VECTOR | 12 24 19 7 |
| | H_STAR_VECTOR | 1 79 240 79 1 |
| | N_LATTICE_POINTS | 84 |
| | N_BOUNDARY_LATTICE_POINTS | 83 |
| | LATTICE_VOLUME | 400 |
| | FACETS | 1 -1 0 0 0 |
| | | 1 0 0 -1 0 |
| | | 1 0 -1 0 0 |
| | | 10010 |
| | | 1 0 0 0 -1 |
| | | 10110 |
| | | 1 1 0 -1 1 |
| | | |
| 114 | <u>F.4D.0114</u> | |
| 114 | F.4D.0114 DIM | 4 |
| 114 | | 4 6 |
| 114 | DIM | |
| 114 | DIM N_FACETS | 6 |
| 114 | DIM N_FACETS N_VERTICES | 6 8 |
| 114 | DIM N_FACETS N_VERTICES F_VECTOR | 6 8 8 16 14 6 |
| 114 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR | 6 8 8 16 14 6 1 100 310 100 1 |
| 114 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS | 6 8 8 16 14 6 1 100 310 100 1 105 104 |
| 114 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS | 6 8 8 16 14 6 1 100 310 100 1 105 104 512 |
| 114 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 6 8 8 16 14 6 1 100 310 100 1 105 104 512 1 0 0 0 -1 |
| 114 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 6 8 8 16 14 6 1 100 310 100 1 105 104 512 1 0 0 0 -1 1 -1 0 0 0 |
| 114 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 6 8 8 16 14 6 1 100 310 100 1 105 104 512 1 0 0 0 -1 |
| 114 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 6 8 8 16 14 6 1 100 310 100 1 105 104 512 1 0 0 0 -1 1 -1 0 0 0 1 1 1 0 1 |

| 115 | <u>F.4D.0115</u> | |
|-----|---------------------------|-----------------------------|
| | DIM | 4 |
| | N_FACETS | 6 |
| | N_VERTICES | 8 |
| | F_VECTOR | 8 16 14 6 |
| | H_STAR_VECTOR | 1 124 390 124 1 |
| | N_LATTICE_POINTS | 129 |
| | N_BOUNDARY_LATTICE_POINTS | 128 |
| | LATTICE_VOLUME | 640 |
| | FACETS | 1000-1 |
| | | 1 -1 0 0 0 |
| | | 10-100 |
| | | 1 0 0 -1 0 1/2 1/2 1/2 1 |
| | | 10001 |
| 116 | <u>F.4D.0116</u> | |
| | DIM | 4 |
| | N_FACETS | 7 |
| | N_VERTICES | 12 |
| | F_VECTOR | 12 24 19 7 |
| | H_STAR_VECTOR | 1 88 270 88 1 |
| | N_LATTICE_POINTS | 93 |
| | N_BOUNDARY_LATTICE_POINTS | 92 |
| | LATTICE_VOLUME | 448 |
| | FACETS | 1 -1 0 0 0 |
| | | 1 0 0 0 -1 |
| | | 10100 |
| | | 1 0 -1 0 0 1 0 0 0 1 |
| | | 1 0 0 -1 0 |
| | | 11011 |
| 117 | <u>F.4D.0117</u> | |
| | DIM | 4 |
| | N_FACETS | 6 |
| | N_VERTICES | 9 |
| | F_VECTOR | 9 18 15 6 |
| | H_STAR_VECTOR | 1 100 311 100 1 |
| | N_LATTICE_POINTS | 105 |
| | N_BOUNDARY_LATTICE_POINTS | 104 |
| | LATTICE_VOLUME | 513 |
| | FACETS | 1 0 -1 0 0 |
| | | 1 0 0 0 -1 |
| | | 1 1 -1 1 0 1 -1 0 0 0 |
| | | 100-10 |
| | | 10101 |
| 118 | <u>F.4D.0118</u> | |
| | DIM | 4 |
| | N_FACETS | 8 |
| | N_VERTICES | 16 |
| | F_VECTOR | 16 32 24 8 |
| | H_STAR_VECTOR | 1 76 230 76 1 |
| | | |

| | N_LATTICE_POINTS | 81 |
|-----|--|---|
| | N_BOUNDARY_LATTICE_POINTS | 80 |
| | LATTICE_VOLUME | 384 |
| | FACETS | 10001 |
| | | 1 0 0 -1 0 |
| | | 1 -1 0 0 0 |
| | | 1 0 0 0 -1 |
| | | 10100 |
| | | 10-100 |
| | | 10010 |
| | | 11000 |
| .9 | <u>F.4D.0119</u> | |
| | DIM | 4 |
| | N_FACETS | 7 |
| | N_VERTICES | 12 |
| | F_VECTOR | 12 24 19 7 |
| | H_STAR_VECTOR | 1 85 260 85 1 |
| | N_LATTICE_POINTS | |
| | | 90 |
| | N_BOUNDARY_LATTICE_POINTS | 89 |
| | LATTICE_VOLUME | 432 |
| | FACETS | 1 0 -1 0 0 |
| | | 1 1 0 0 0 |
| | | 1 -1 0 0 0 |
| | | 1 0 0 -1 0 |
| | | 1 0 0 0 -1 |
| | | 10010 |
| | | 10010 |
| | | 10101 |
| 20 | <u>F.4D.0120</u> | |
| 20 | F.4D.0120 DIM | |
| 20 | | 10101 |
| 20 | DIM | 10101 |
| 20 | DIM N_FACETS | 10101 4 6 |
| 220 | DIM N_FACETS N_VERTICES | 10101 4 6 8 |
| 220 | DIM N_FACETS N_VERTICES F_VECTOR | 1 0 1 0 1 4 6 8 8 16 14 6 |
| 220 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR | 1 0 1 0 1 4 6 8 8 16 14 6 1 106 330 106 1 |
| 220 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS | 1 0 1 0 1 4 6 8 8 16 14 6 1 106 330 106 1 111 |
| 20 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS | 1 0 1 0 1 4 6 8 8 16 14 6 1 106 330 106 1 111 110 544 |
| 20 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 0 1 0 1 4 6 8 8 16 14 6 1 106 330 106 1 111 110 544 1 0 0 0 -1 |
| 20 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 0 1 0 1 4 6 8 8 16 14 6 1 106 330 106 1 111 110 544 1 0 0 0 -1 1 -1 0 0 0 |
| 20 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 0 1 0 1 4 6 8 8 16 14 6 1 106 330 106 1 111 110 544 1 0 0 0 -1 1 -1 0 0 0 1 0 -1 0 0 |
| 20 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 0 1 0 1 4 6 8 8 16 14 6 1 106 330 106 1 111 110 544 1 0 0 0 -1 1 -1 0 0 0 1 0 -1 0 0 1 0 0 -1 0 |
| 20 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME | 1 0 1 0 1 4 6 8 8 16 14 6 1 106 330 106 1 111 110 544 1 0 0 0 -1 1 -1 0 0 0 1 0 -1 0 0 1 1 1 1 1 1 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS | 1 0 1 0 1 4 6 8 8 16 14 6 1 106 330 106 1 111 110 544 1 0 0 0 -1 1 -1 0 0 0 1 0 -1 0 0 1 0 0 -1 0 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS F_4D_0121 | 1 0 1 0 1 4 6 8 8 16 14 6 1 106 330 106 1 111 110 544 1 0 0 0 -1 1 -1 0 0 0 1 0 -1 0 0 1 1 1 1 1 1 1 0 0 0 1 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS F_4D_0121 DIM | 1 0 1 0 1 4 6 8 8 16 14 6 1 106 330 106 1 111 110 544 1 0 0 0 -1 1 -1 0 0 0 1 0 -1 0 0 1 1 1 1 1 1 1 0 0 0 1 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS F_4D_0121 DIM N_FACETS | 10101 4 6 8 8 16 14 6 1 106 330 106 1 111 110 544 1 0 0 0 -1 1 -1 0 0 0 1 0 -1 0 0 1 1 0 0 -1 0 1 1 1 1 1 1 1 0 0 0 1 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS E_4D_0121 DIM N_FACETS N_VERTICES | 10101 4 6 8 8 16 14 6 1 106 330 106 1 111 110 544 1 0 0 0 -1 1 -1 0 0 0 1 0 -1 0 0 1 1 1 1 1 1 1 1 0 0 0 1 4 6 8 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS F_4D_0121 DIM N_FACETS N_VERTICES F_VECTOR | 1 0 1 0 1 4 6 8 8 16 14 6 1 106 330 106 1 111 110 544 1 0 0 0 -1 1 -1 0 0 0 1 0 -1 0 0 1 1 0 0 -1 0 1 1 1 1 1 1 0 0 0 1 4 6 8 8 16 14 6 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS F_4D_0121 DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR | 1 0 1 0 1 4 6 8 8 16 14 6 1 106 330 106 1 111 110 544 1 0 0 0 -1 1 -1 0 0 0 1 0 -1 0 0 1 1 1 1 1 1 0 0 0 1 4 6 8 8 16 14 6 1 100 310 100 1 |
| | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS F_4D_0121 DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS | 1 0 1 0 1 4 6 8 8 16 14 6 1 106 330 106 1 111 110 544 1 0 0 0 -1 1 -1 0 0 0 1 0 -1 0 0 1 0 0 -1 0 1 1 1 1 1 1 0 0 0 1 4 6 8 8 16 14 6 1 100 310 100 1 105 |
| 21 | DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR N_LATTICE_POINTS N_BOUNDARY_LATTICE_POINTS LATTICE_VOLUME FACETS F_4D_0121 DIM N_FACETS N_VERTICES F_VECTOR H_STAR_VECTOR | 1 0 1 0 1 4 6 8 8 16 14 6 1 106 330 106 1 111 110 544 1 0 0 0 -1 1 -1 0 0 0 1 0 -1 0 0 1 1 1 1 1 1 0 0 0 1 4 6 8 8 16 14 6 1 100 310 100 1 |