# The facets of a self-dual 4-dim regular polytope

# with 24 octahedron facets. Taken from cddlib.

# Format b + Ax >= 0

1 1 1 1 1

1 1 1 1 -1

1 1 1 -1 1

1 1 1 -1 -1

1 1 -1 1 1

1 1 -1 1 -1

1 1 -1 -1 1

1 1 -1 -1 -1

1 -1 1 1 1

1 -1 1 1 -1

1 -1 1 -1 1

1 -1 1 -1 -1

1 -1 -1 1 1

1 -1 -1 1 -1

1 -1 -1 -1 1

1 -1 -1 -1 -1

1 2 0 0 0

1 0 2 0 0

1 0 0 2 0

1 0 0 0 2

1 -2 0 0 0

1 0 -2 0 0

1 0 0 -2 0

1 0 0 0 -2