

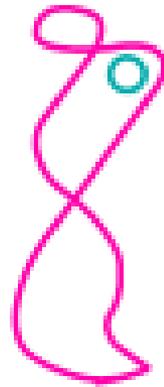
Catálogo de Rosáceas

Aplicações da Matemática no
Quotidiano Terceirense

Discentes:
Marília Silva e Raquel Barata
Docente:
Ricardo Cunha Teixeira

Rosáceas com grupo de simetria C_n

Grupo de simetria C_1



Esboço feito no TESS

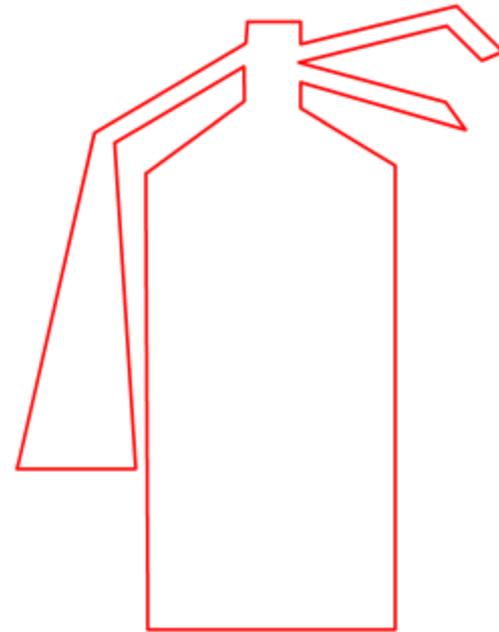
Grupo de simetria C_1



Letra P

Universidade dos Açores, Angra do Heroísmo

Grupo de simetria C_1



Símbolo de extintor

Universidade dos Açores, Angra do Heroísmo

Grupo de simetria C_1



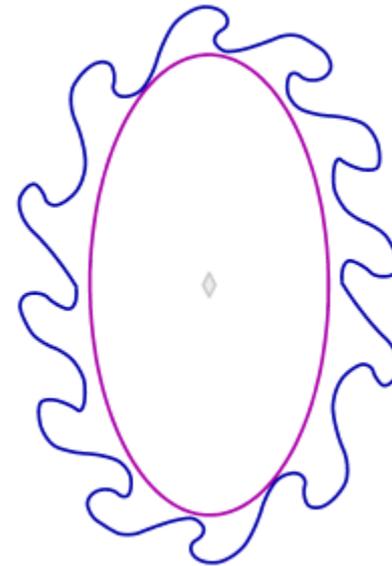
Sinal de trânsito: Passadeira
Angra do Heroísmo

Grupo de simetria C_2



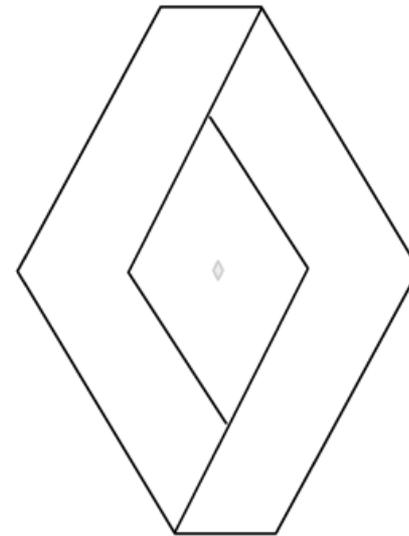
Esboço feito no TESS

Grupo de simetria C_2



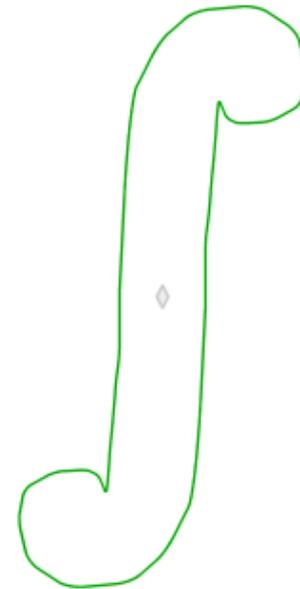
Porta da Igreja da Sé
Rua da Sé, de Angra do Heroísmo

Grupo de simetria C_2



Marca automóvel – Renault
Marina de Angra do Heroísmo

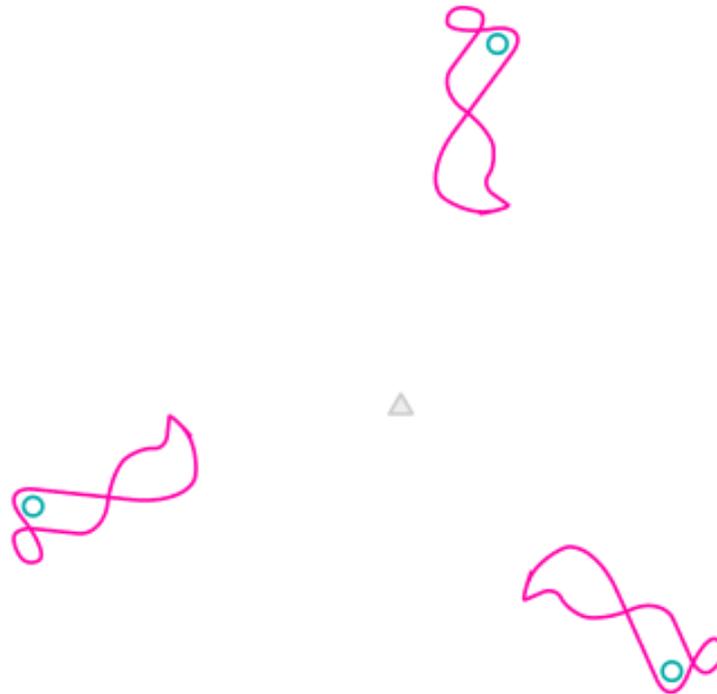
Grupo de simetria C_2



Maçaneta

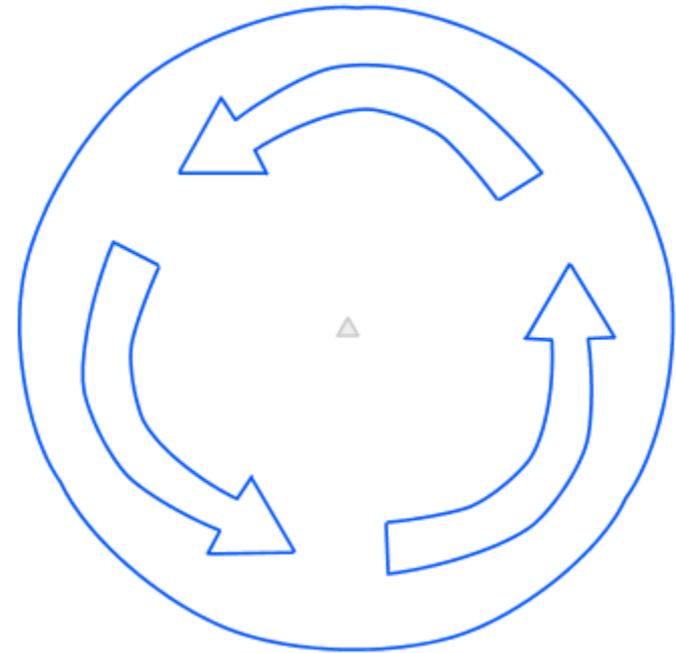
Rua de São Pedro, Angra do Heroísmo

Grupo de simetria C_3



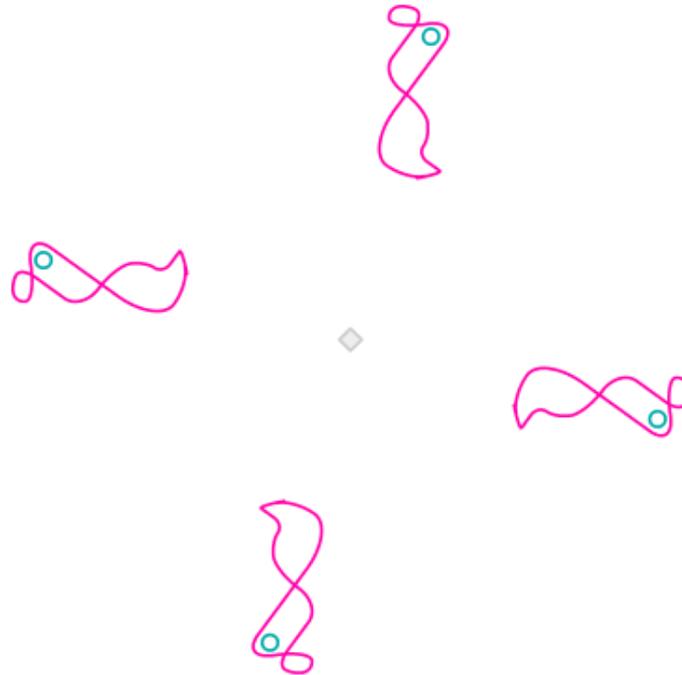
Esboço feito no TESS

Grupo de simetria C_3



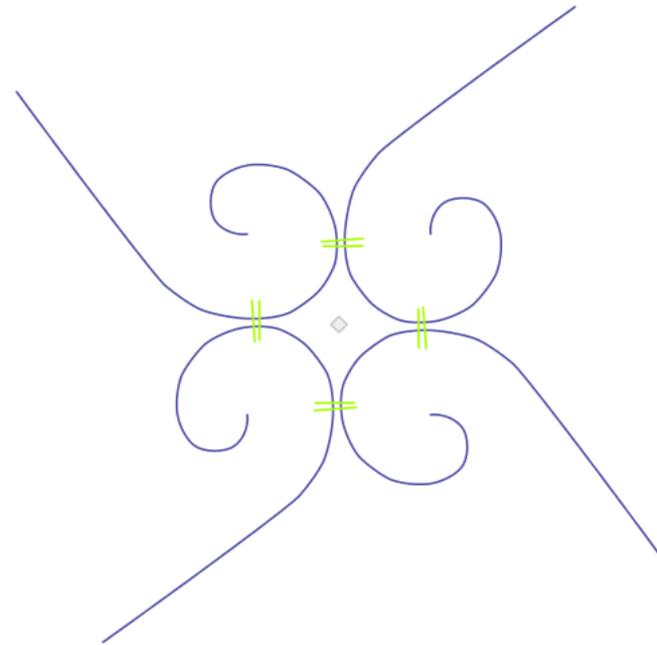
Sinal de trânsito: Rotunda
Angra do Heroísmo

Grupo de simetria C_4



Esboço feito no TESS

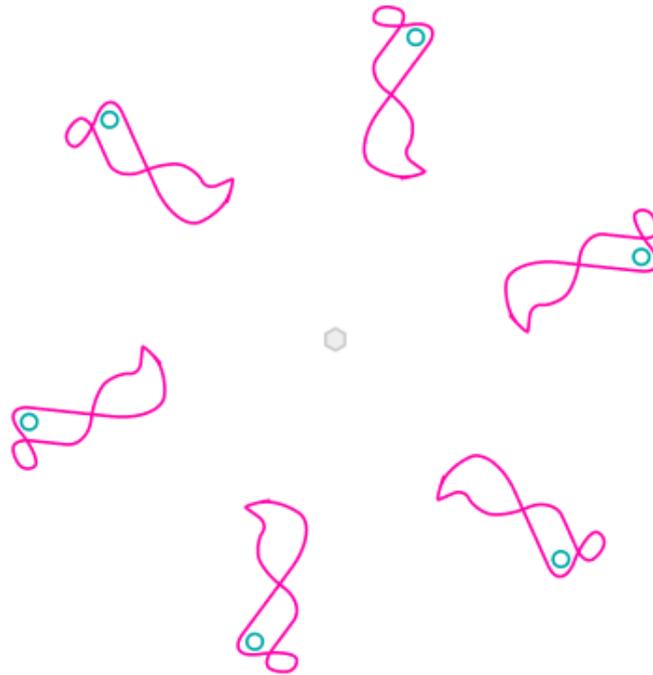
Grupo de simetria C_4



Grade de janela

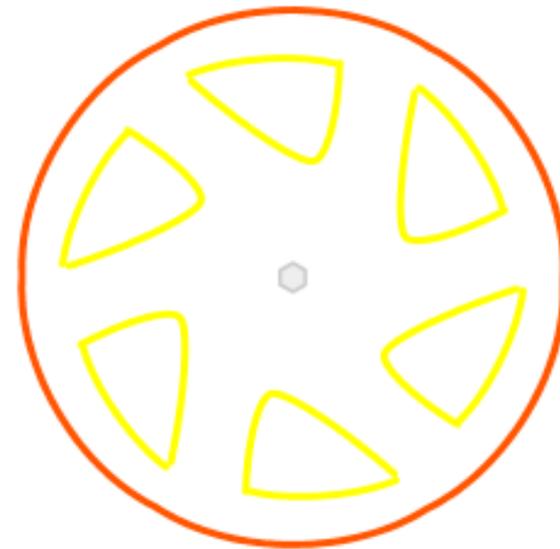
Rua de São Pedro, Angra do Heroísmo

Grupo de simetria C_6



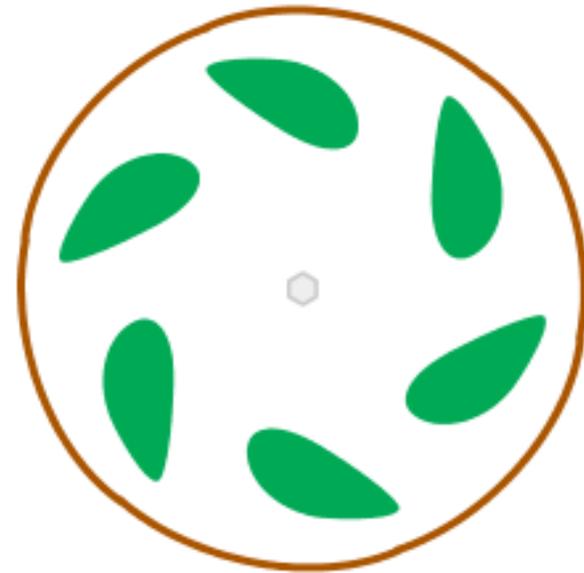
Esboço feito no TESS

Grupo de simetria C_6



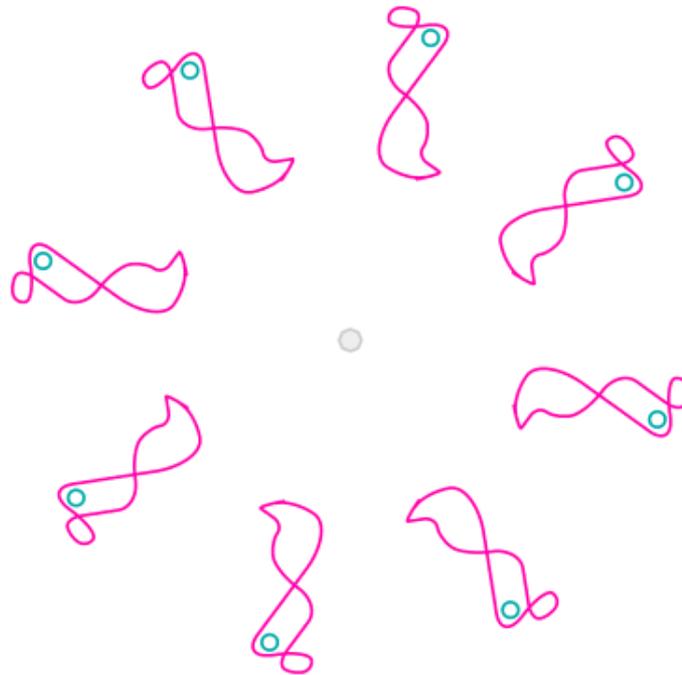
Jante de um automóvel
Angra do Heroísmo

Grupo de simetria C_6



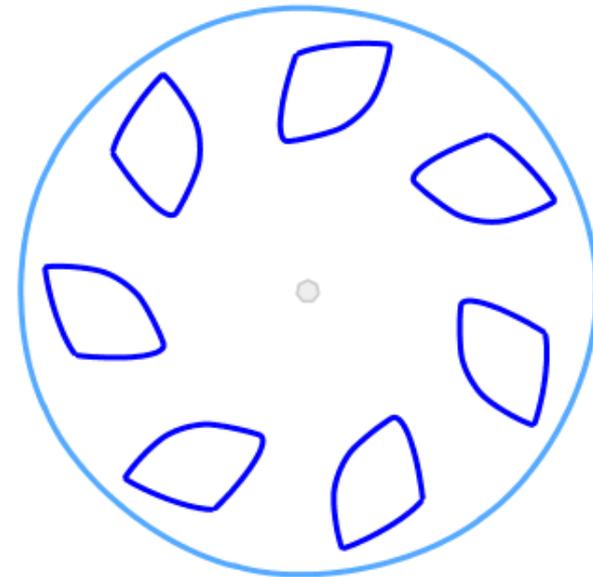
Jante de um automóvel
Angra do Heroísmo

Grupo de simetria C_7



Esboço feito no TESS

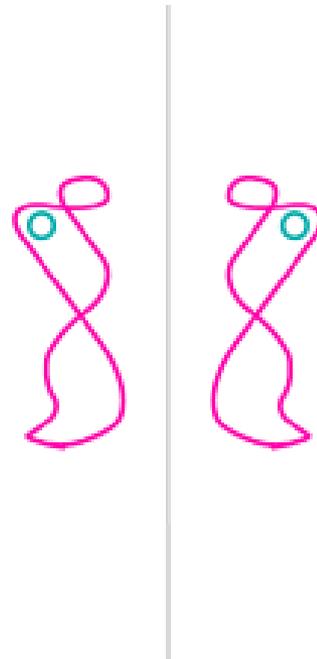
Grupo de simetria C_7



Jante de um automóvel
Angra do Heroísmo

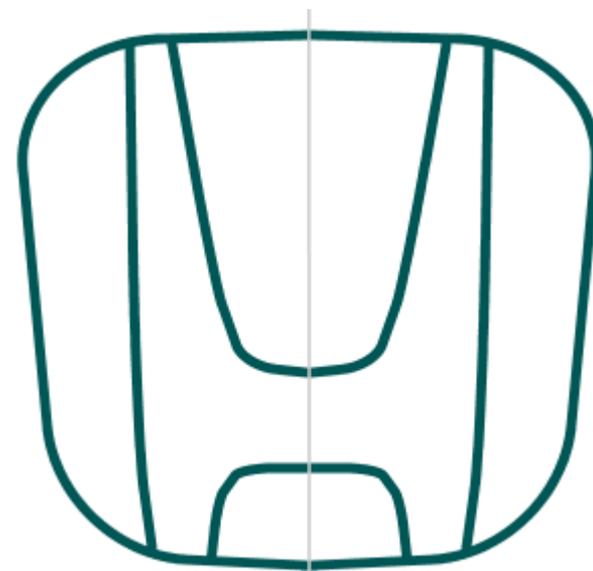
Rosáceas com grupo de simetria D_n

Grupo de simetria D_1



Esboço feito no TESS

Grupo de simetria D_1



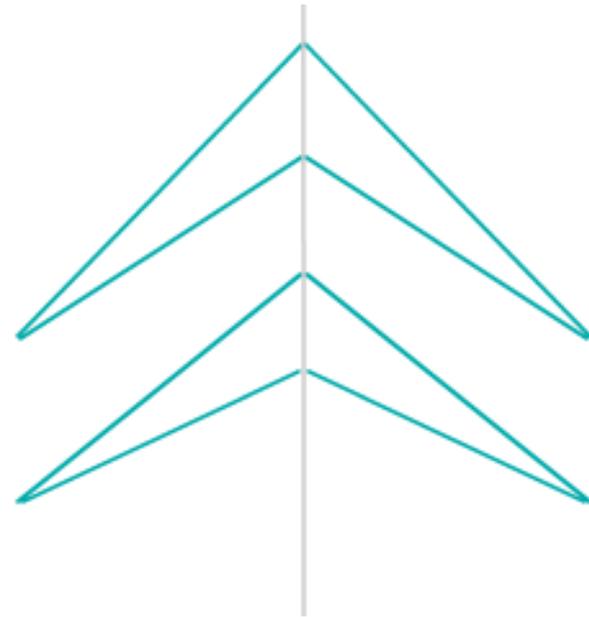
Marca automóvel – Honda
Marina de Angra do Heroísmo.

Grupo de simetria D_1



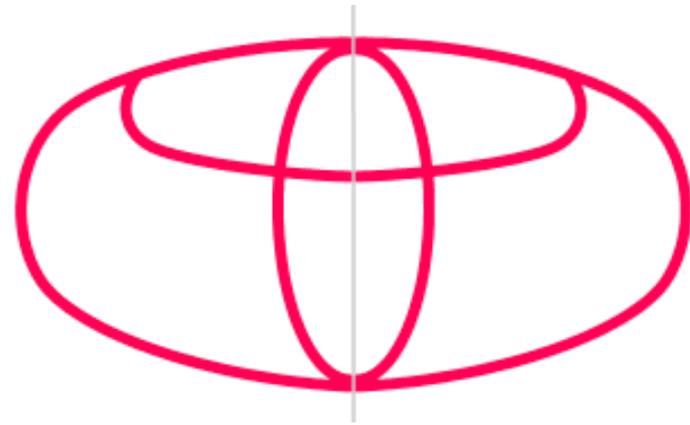
Marca automóvel – Volkswagen
Universidade dos Açores, Angra do Heroísmo

Grupo de simetria D_1



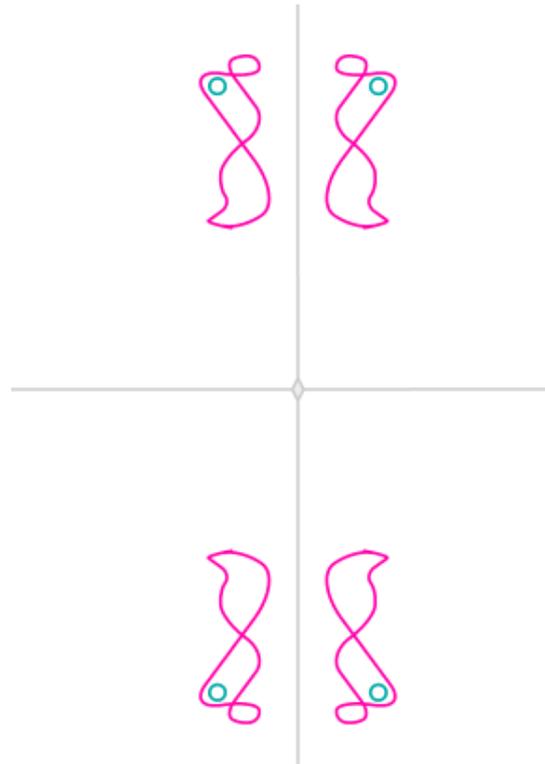
Marca automóvel – Citroën
Universidade dos Açores, Angra do Heroísmo

Grupo de simetria D_1



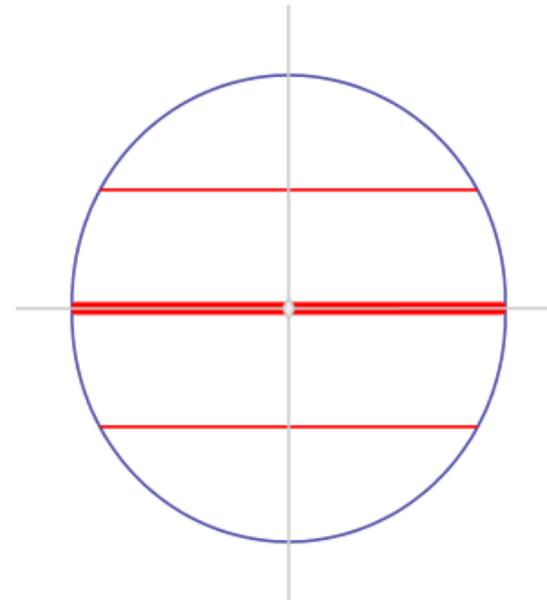
Marca automóvel – Toyota
Marina de Angra do Heroísmo

Grupo de simetria D_2



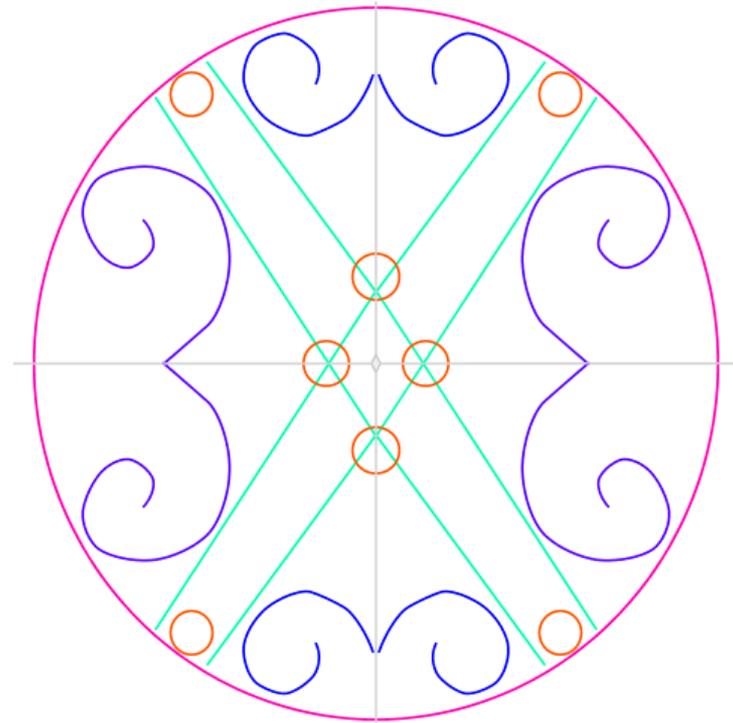
Esboço feito no TESS

Grupo de simetria D_2



Janela do Banco Millenium BCP
Rua da Sé, Angra do Heroísmo

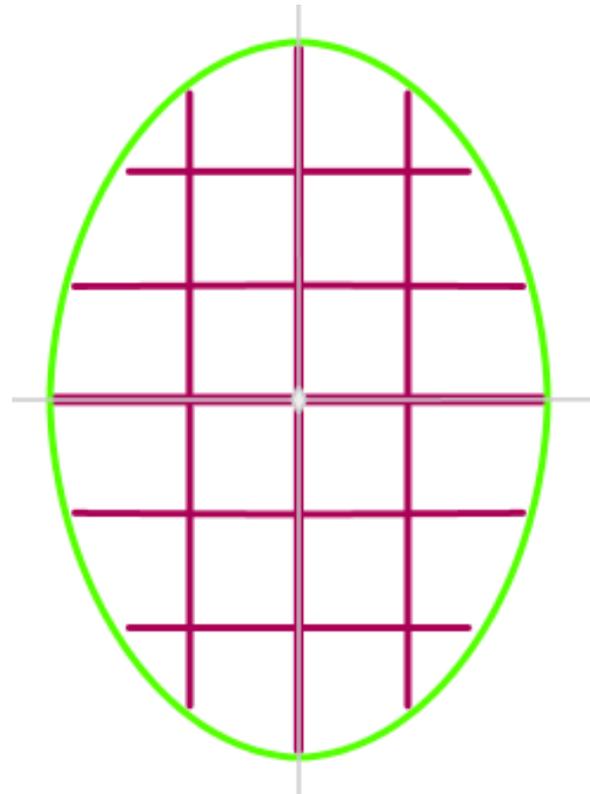
Grupo de simetria D_2



Porta

Rua da Sé, Angra do Heroísmo.

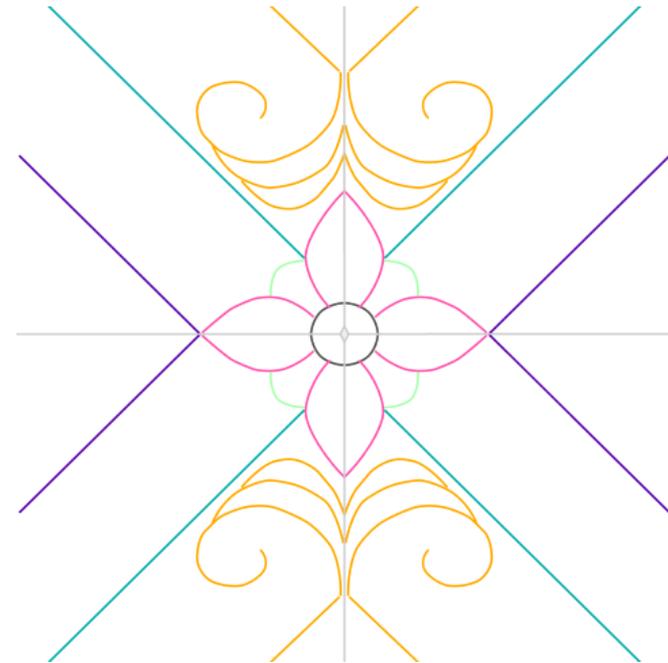
Grupo de simetria D_2



Varanda da Sé

Rua da Sé, Angra do Heroísmo

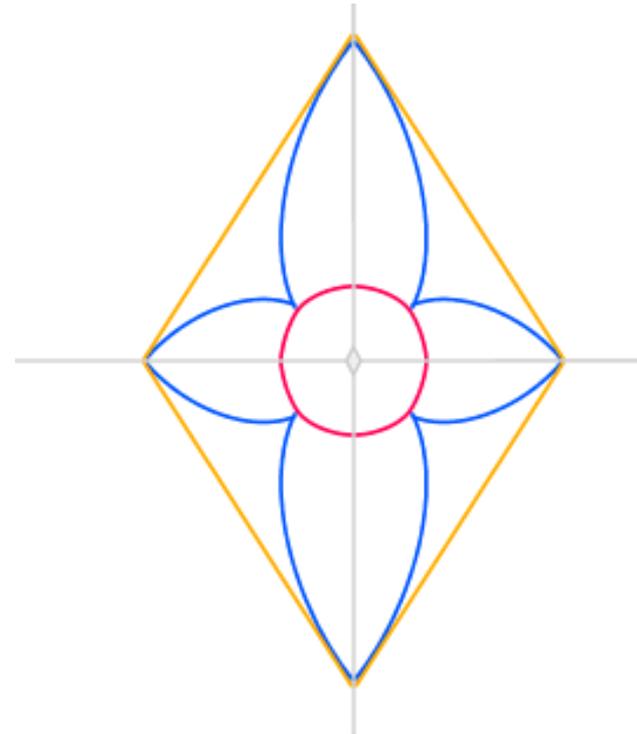
Grupo de simetria D_2



Portão do Jardim

Jardim Duque da Terceira, Angra do Heroísmo

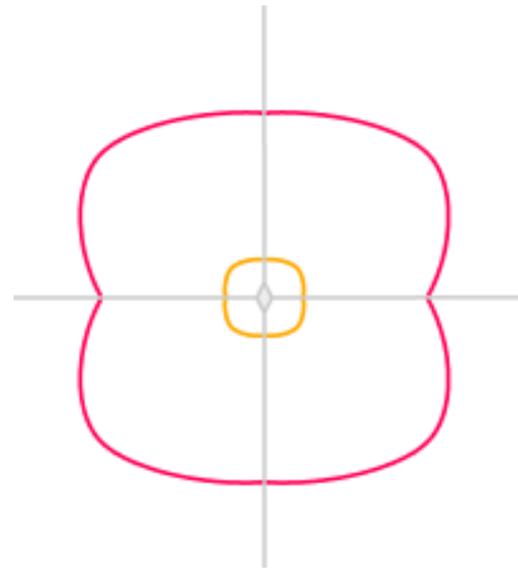
Grupo de simetria D_2



Portão do Jardim

Jardim Duque da Terceira, Angra do Heroísmo

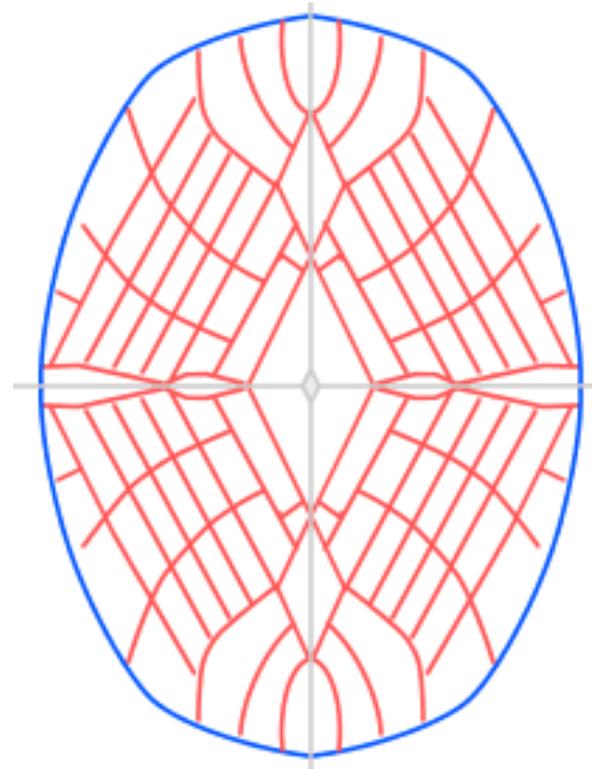
Grupo de simetria D_2



Flor

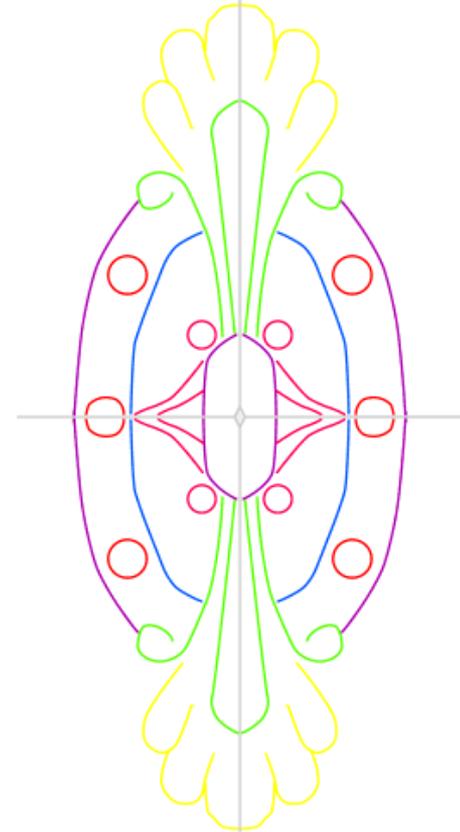
Jardim Duque da Terceira, Angra do Heroísmo

Grupo de simetria D_2



Janela de uma garagem
Rua de São Pedro, Angra do Heroísmo

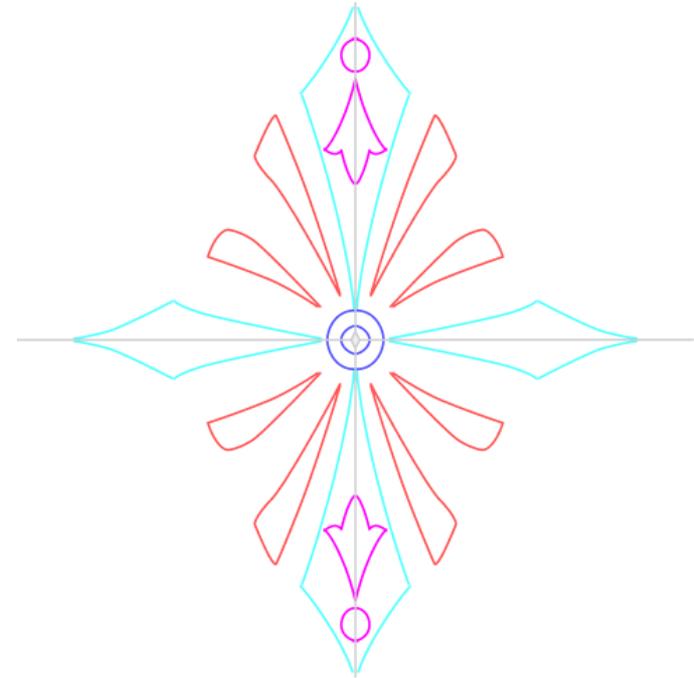
Grupo de simetria D_2



Maçaneta

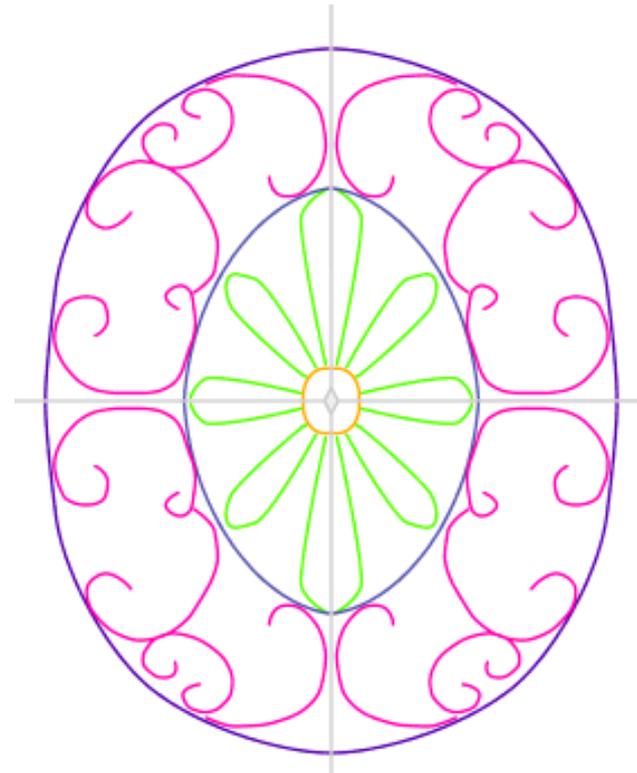
Rua de São Pedro, de Angra do Heroísmo

Grupo de simetria D_2



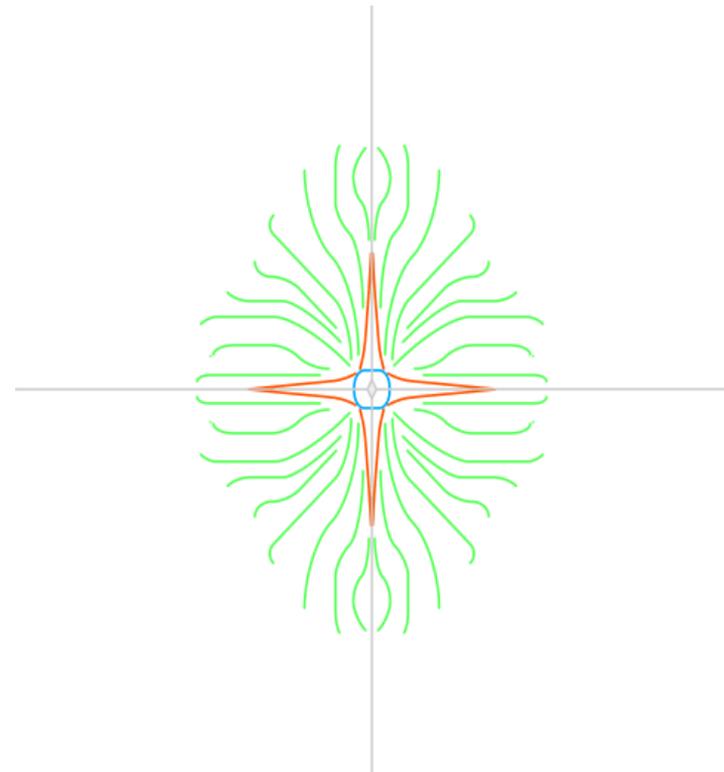
Calçada
Angra do Heroísmo

Grupo de simetria D_2



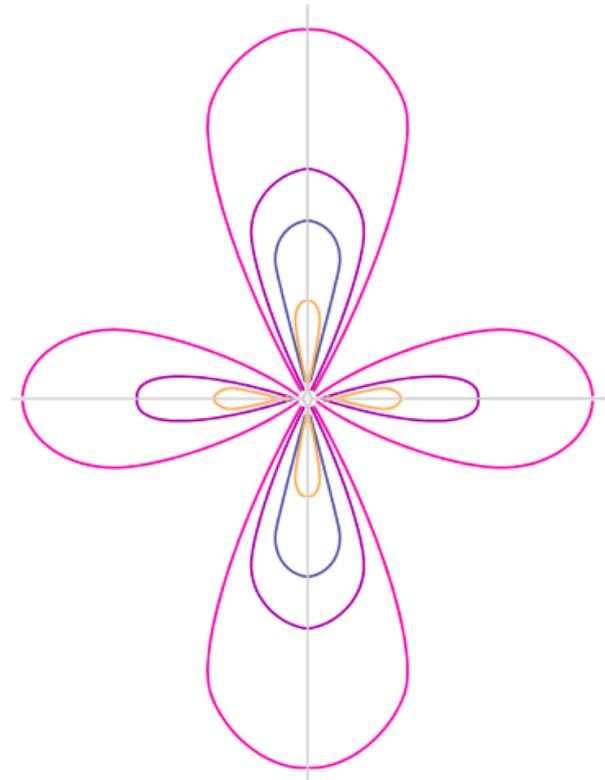
Janela de porta
Rua de São Pedro, Angra do Heroísmo

Grupo de simetria D_2



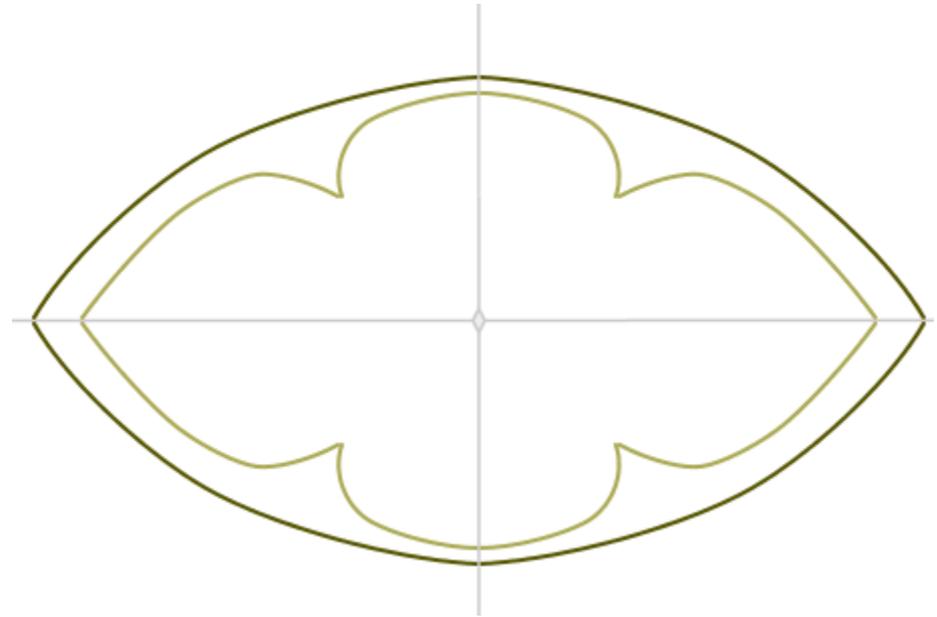
Porta da Igreja da Sé
Rua da Sé, de Angra do Heroísmo

Grupo de simetria D_2



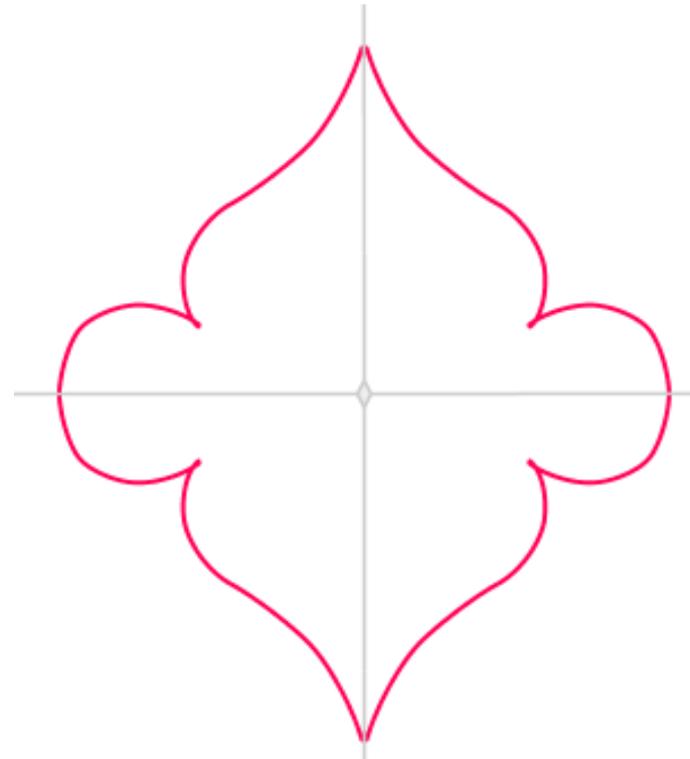
Almofada

Grupo de simetria D_2



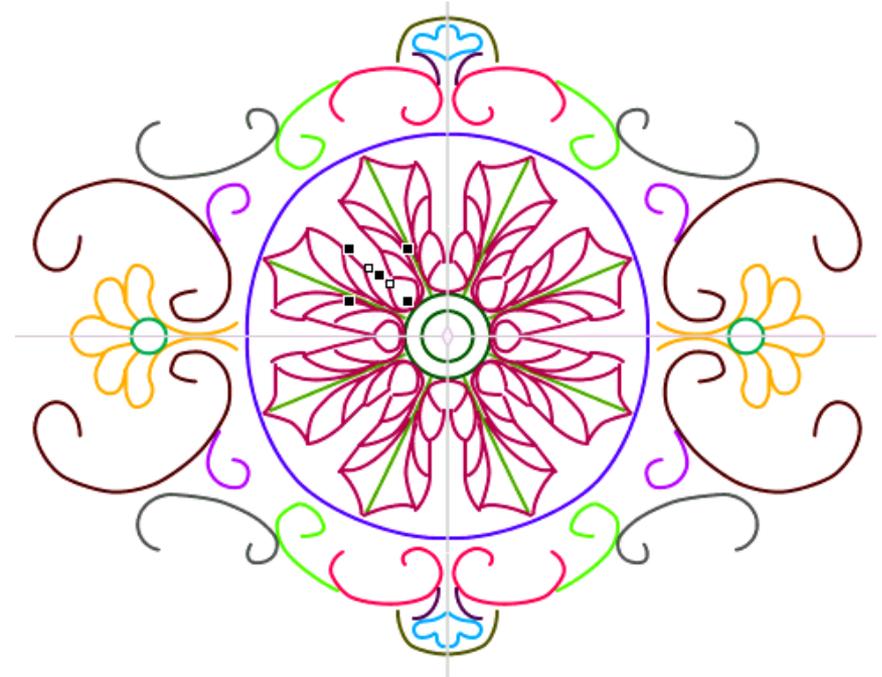
Decoração de Grade
São Carlos, Angra do Heroísmo

Grupo de simetria D_2



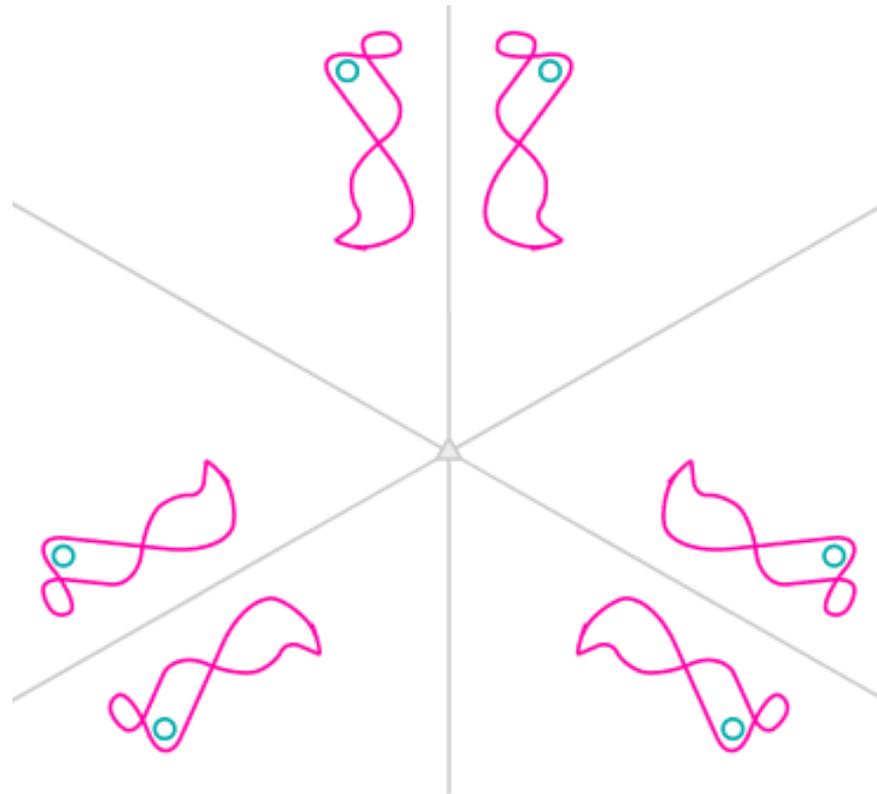
Decoração de Grade
São Carlos, Angra do Heroísmo

Grupo de simetria D_2



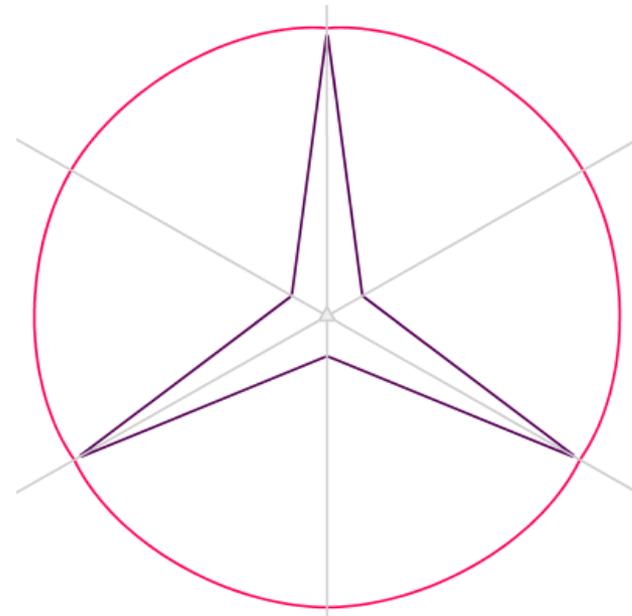
Decoração de Portão
São Carlos, Angra do Heroísmo

Grupo de simetria D_3



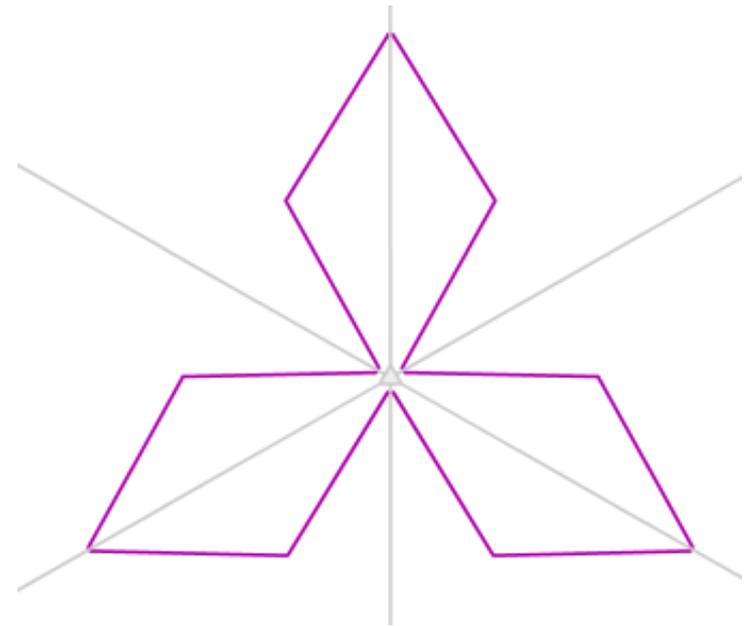
Esboço no TESS

Grupo de simetria D_3



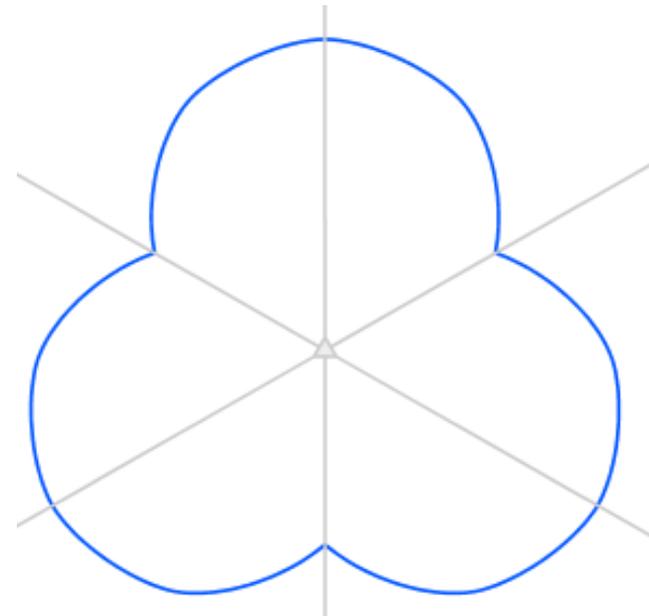
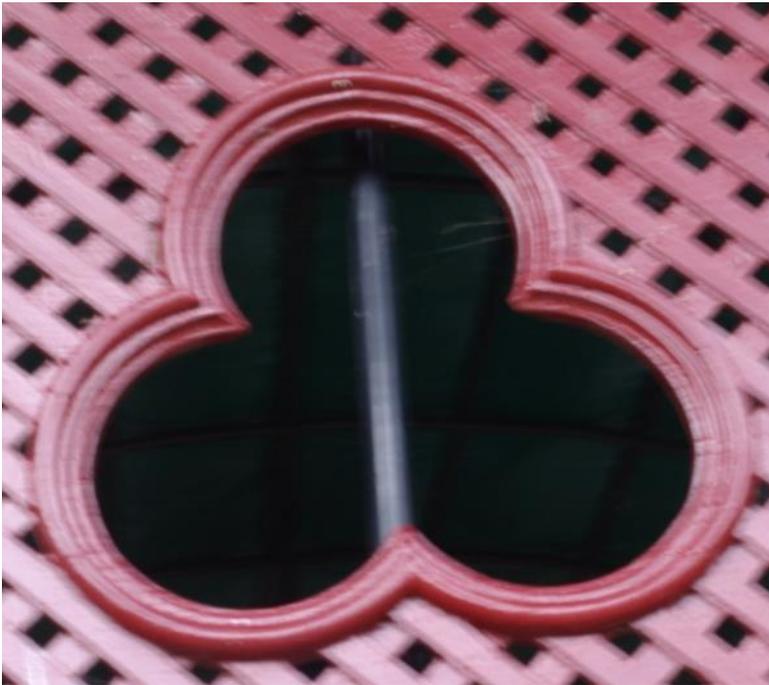
Marca automóvel – Mercedes
Rua do Galo, Angra do Heroísmo

Grupo de simetria D_3



Marca automóvel – Mitsubishi
Marina de Angra do Heroísmo.

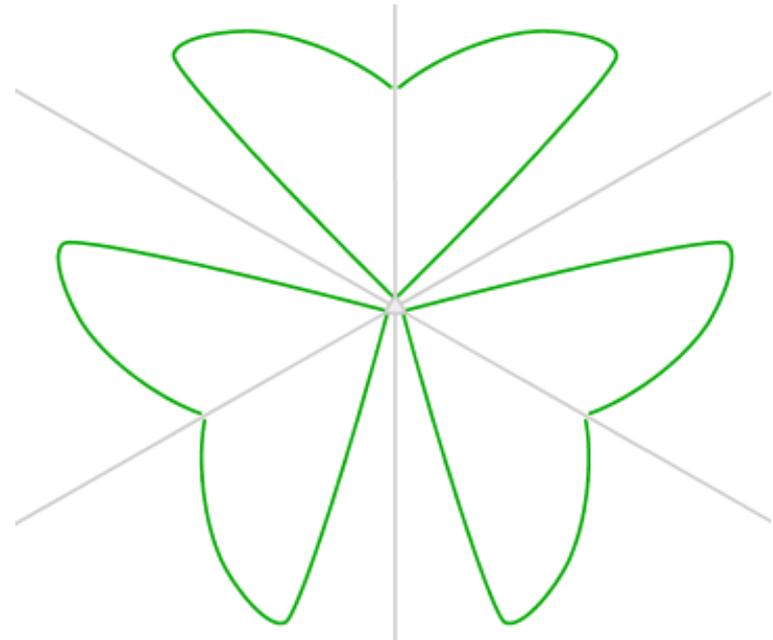
Grupo de simetria D_3



Cúpula

Jardim Duque da Terceira, Angra do Heroísmo

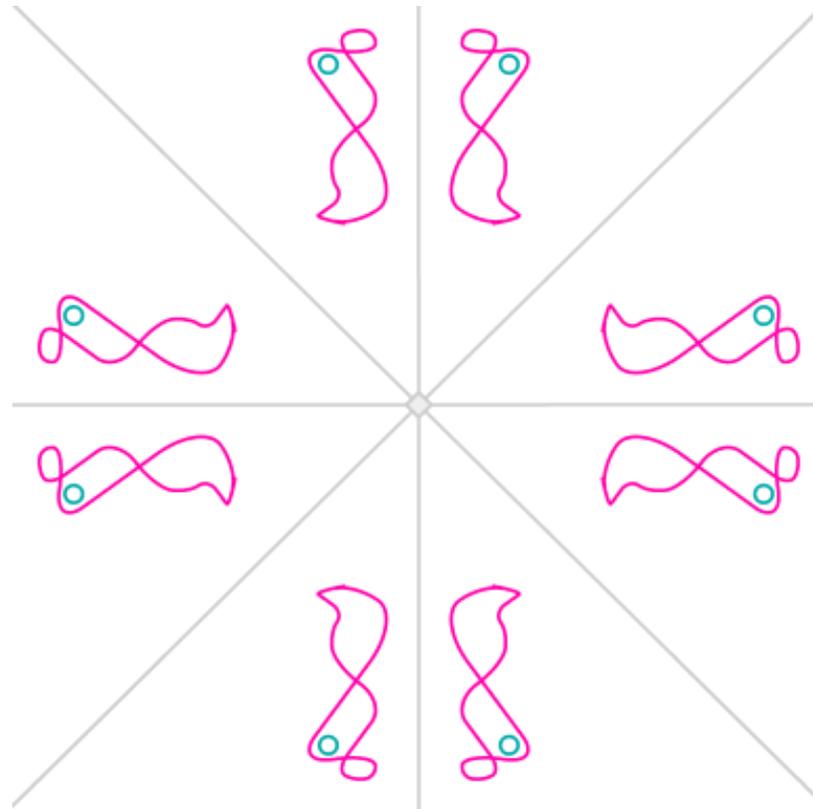
Grupo de simetria D_3



Trevo de três folhas

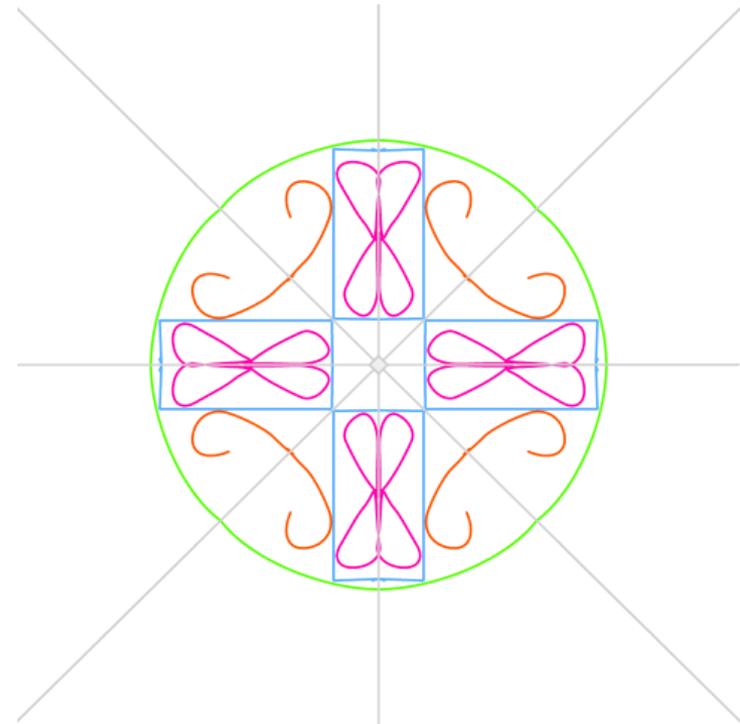
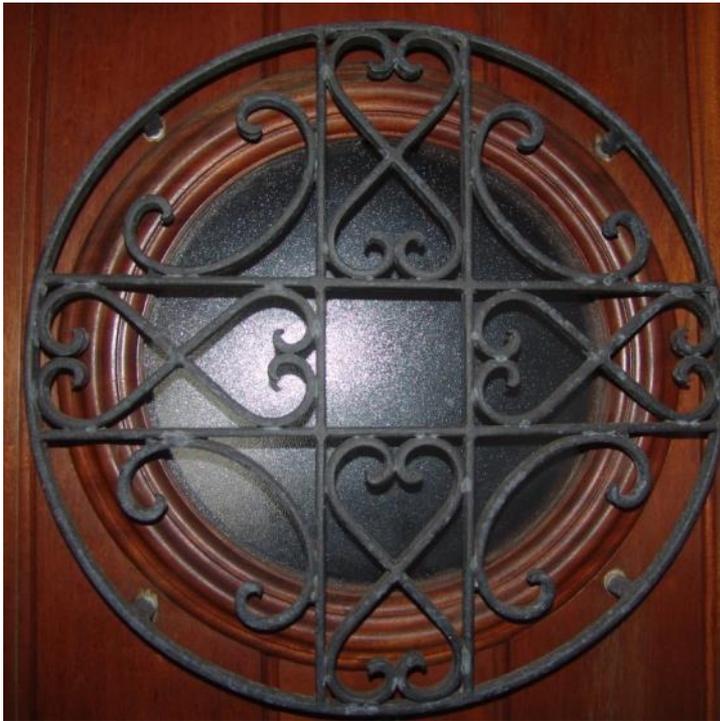
Jardim Duque da Terceira, Angra do Heroísmo

Grupo de simetria D_4



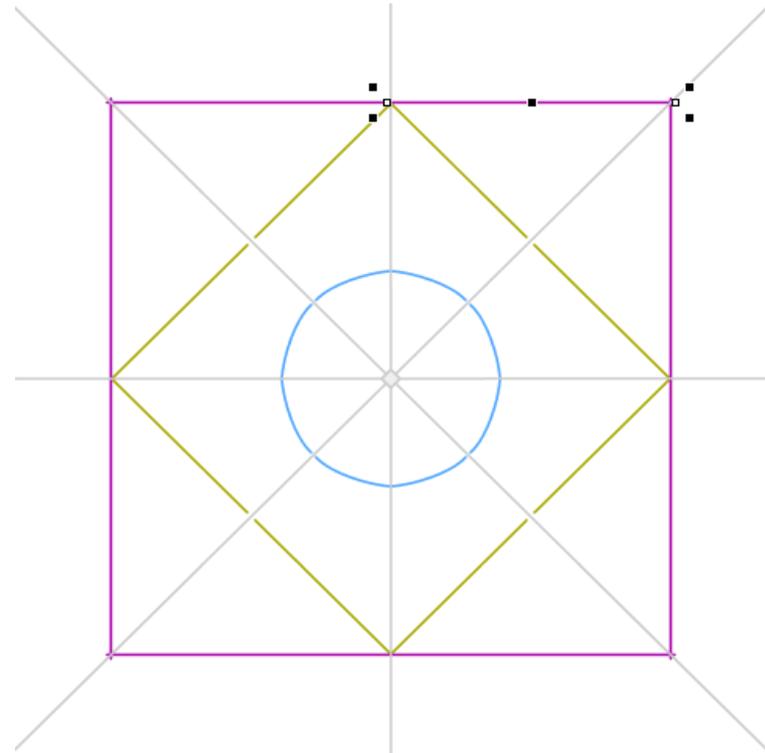
Esboço no TESS

Grupo de simetria D_4



Janela da porta
Rua de São Pedro, Angra do Heroísmo

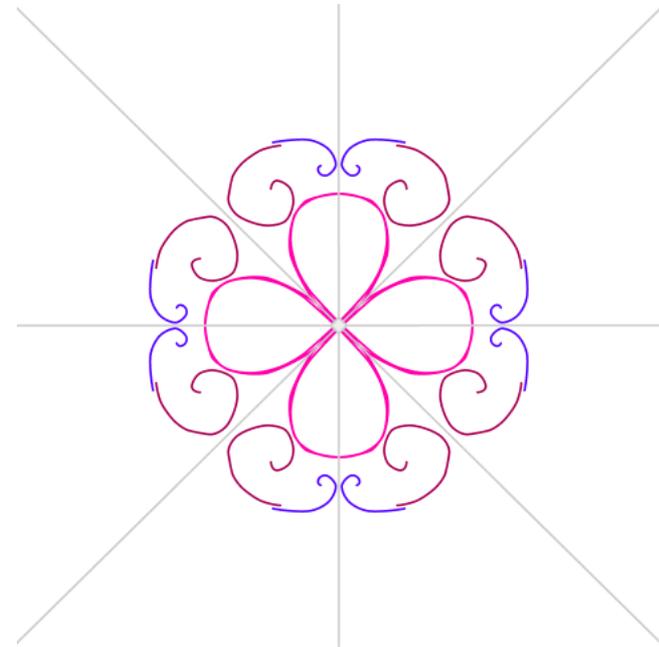
Grupo de simetria D_4



Vaso

Marina de Angra do Heroísmo

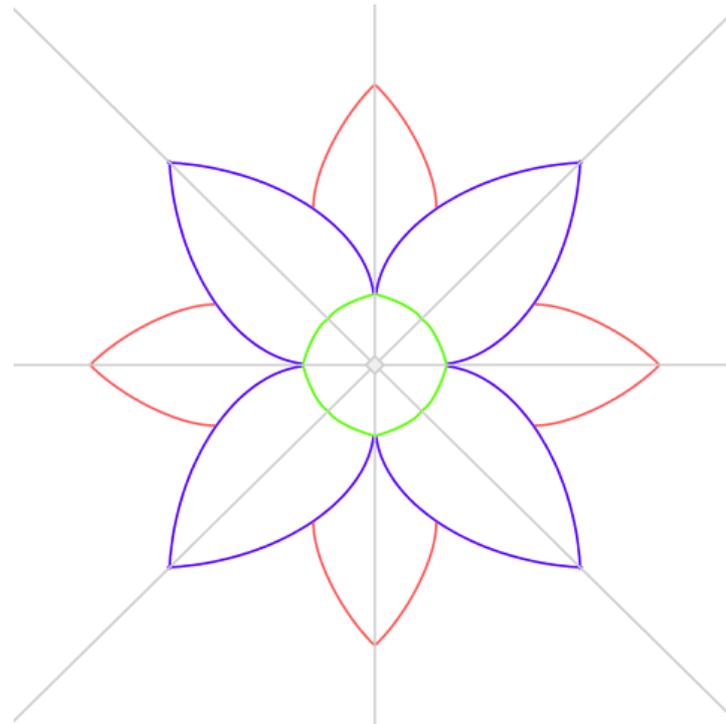
Grupo de simetria D_4



Maçaneta

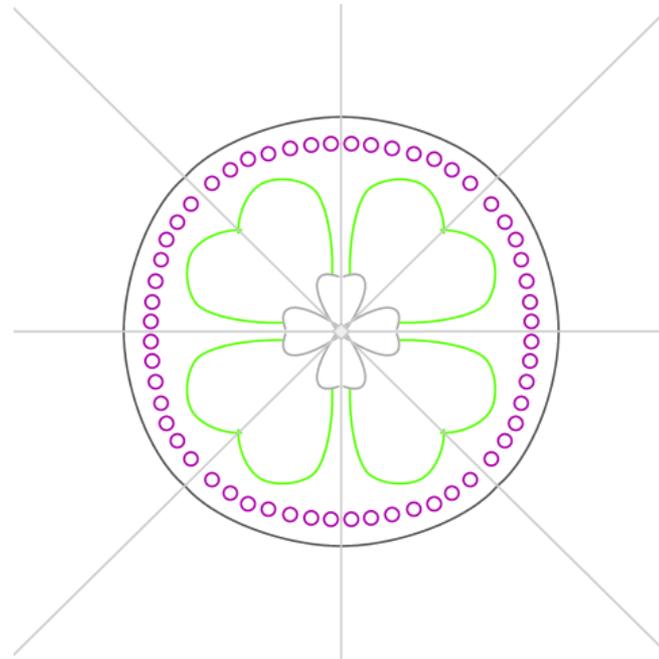
Rua de São Pedro, Angra do Heroísmo

Grupo de simetria D_4



Decoração da maçaneta
Rua de São Pedro, Angra do Heroísmo

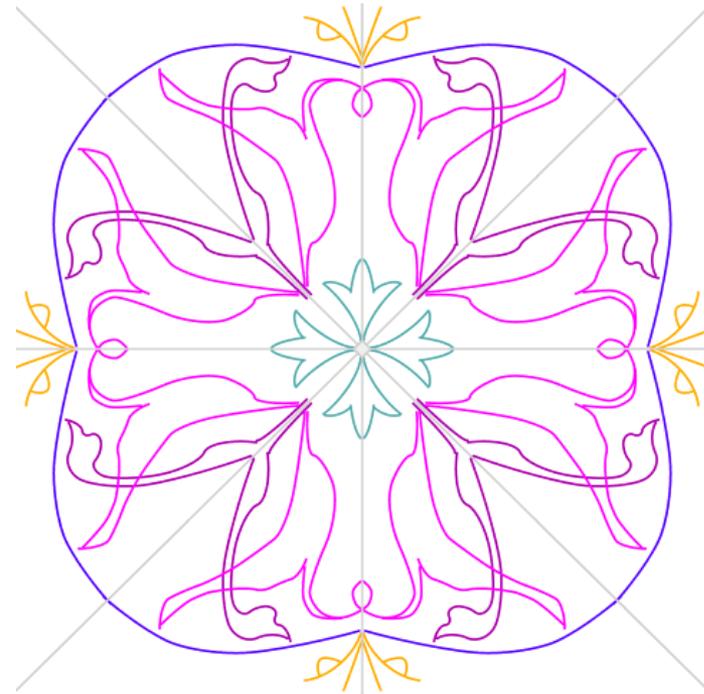
Grupo de simetria D_4



Maçaneta

Rua de São Pedro, Angra do Heroísmo

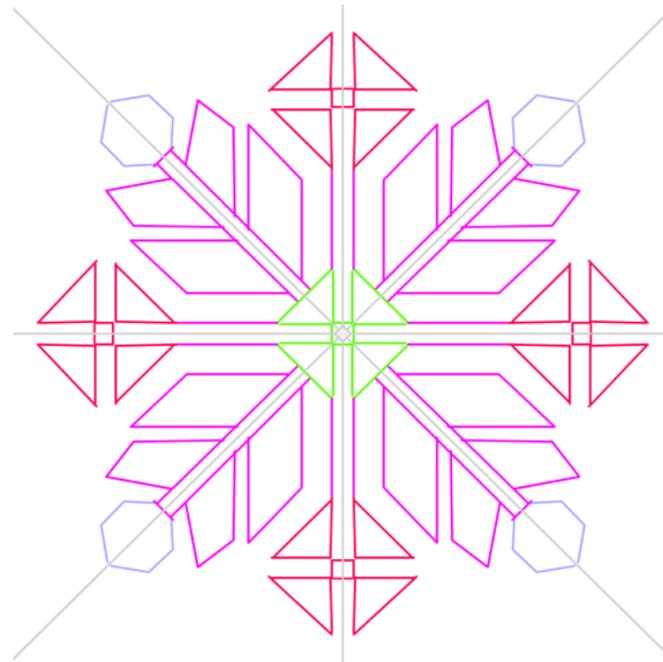
Grupo de simetria D_4



Azulejo

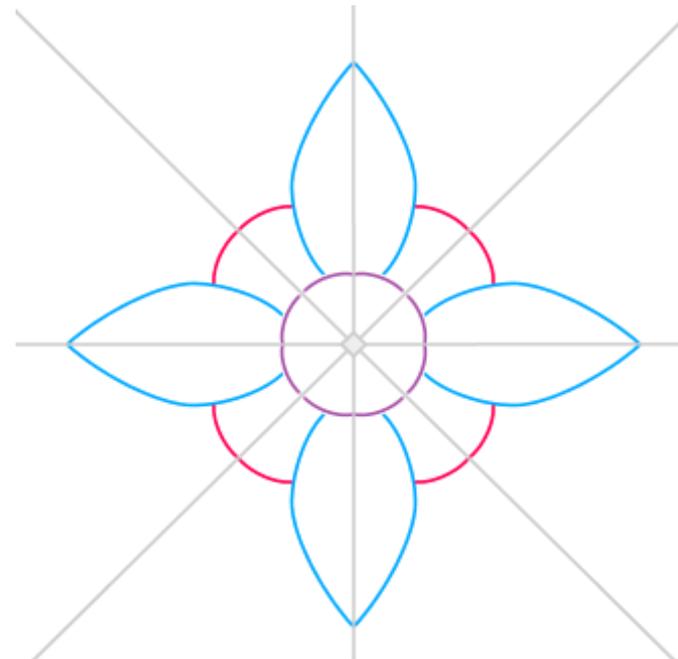
Marina de Angra do Heroísmo

Grupo de simetria D_4



Renda de cortina
Angra do Heroísmo

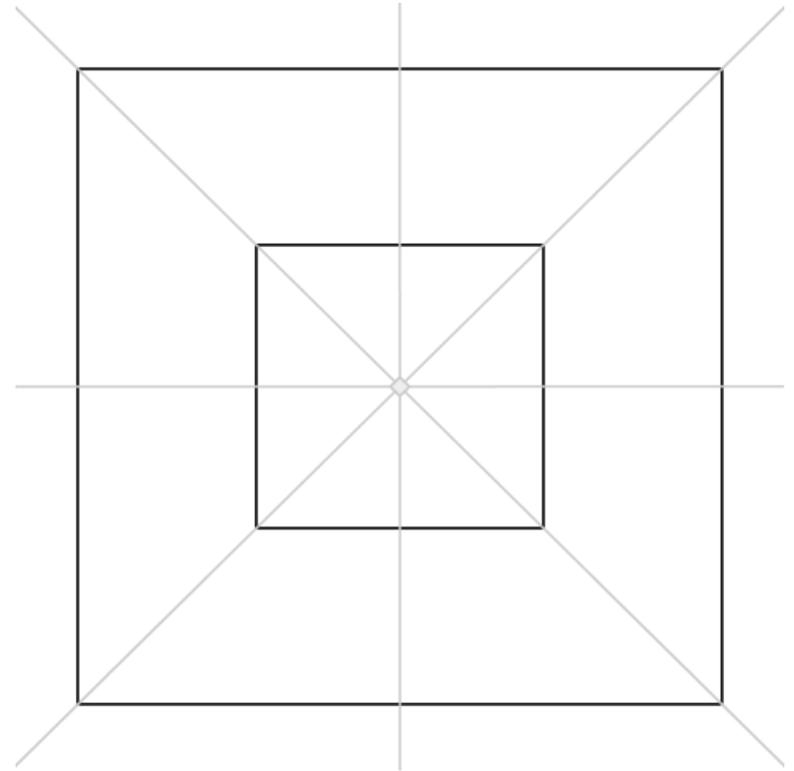
Grupo de simetria D_4



Varanda

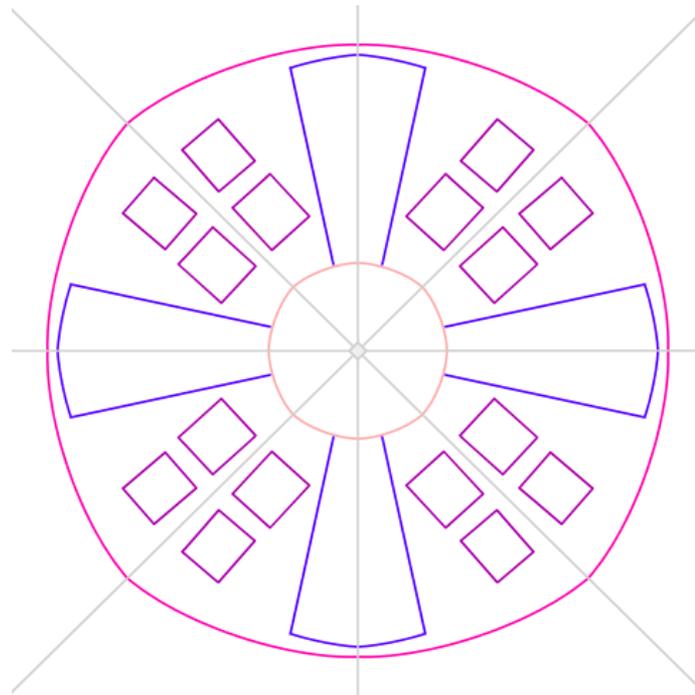
Rua de São Pedro, Angra do Heroísmo

Grupo de simetria D_4



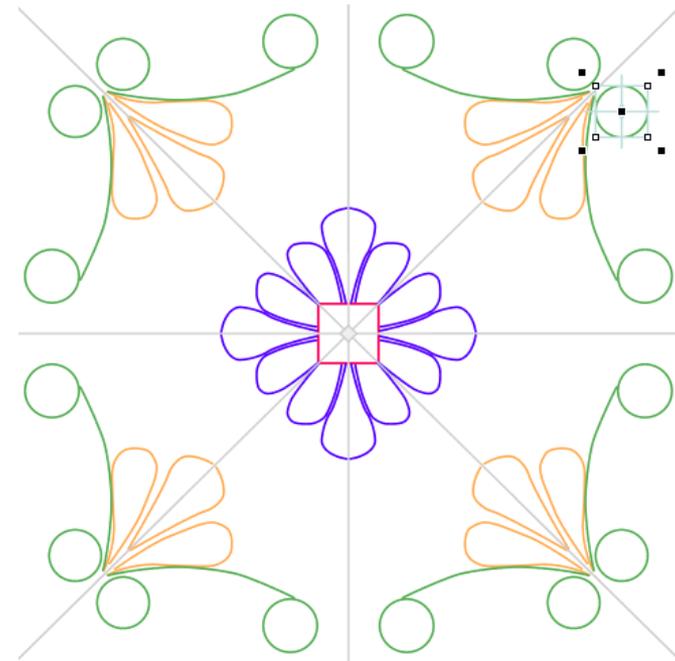
Calçada da Cidade
Marina de Angra do Heroísmo

Grupo de simetria D_4



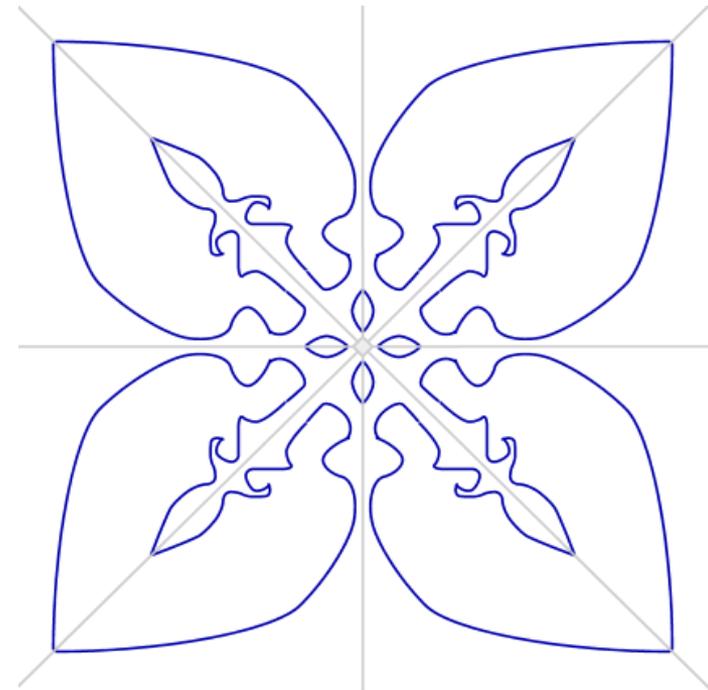
Colar

Grupo de simetria D_4



Decoração de parede
Rua do Rego, Angra do Heroísmo

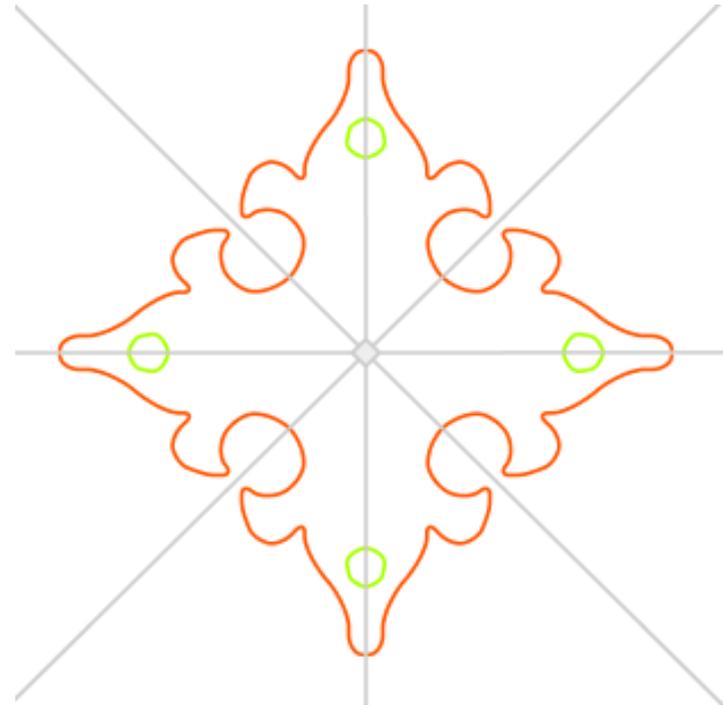
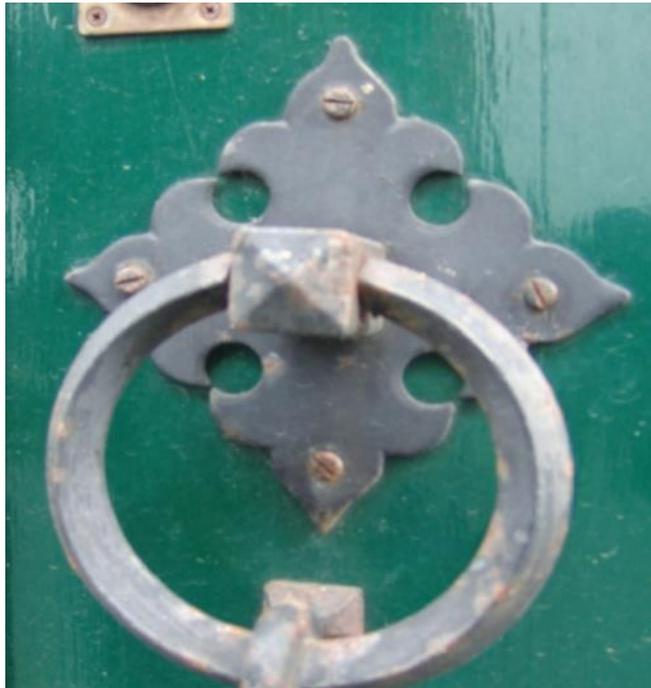
Grupo de simetria D_4



Azulejo

Rua do Rego, Angra do Heroísmo

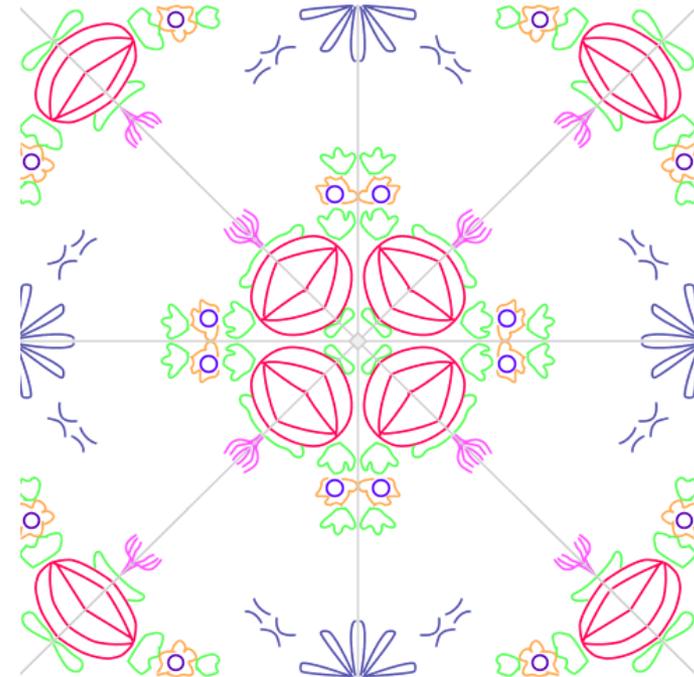
Grupo de simetria D_4



Maçaneta

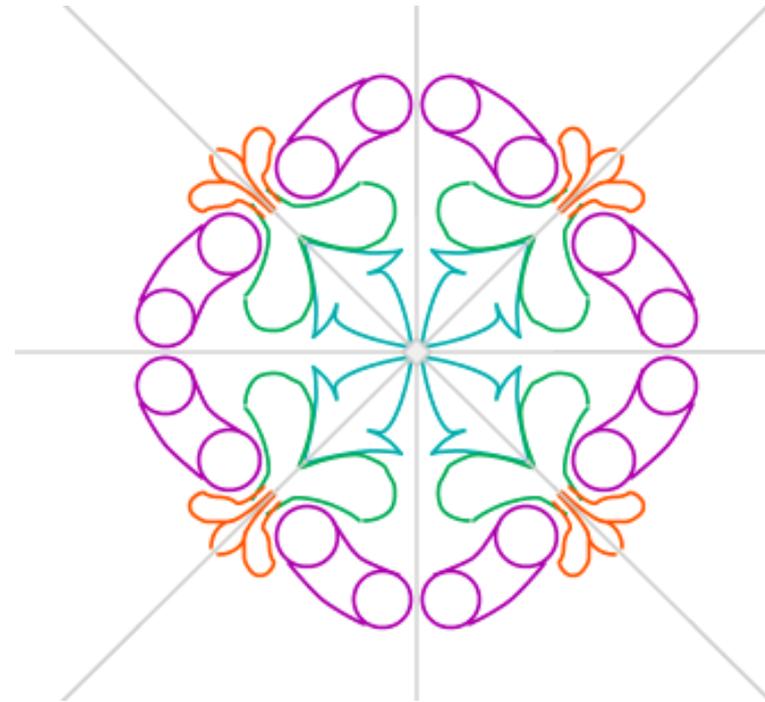
Largo Prior do Crato, Angra do Heroísmo

Grupo de simetria D_4



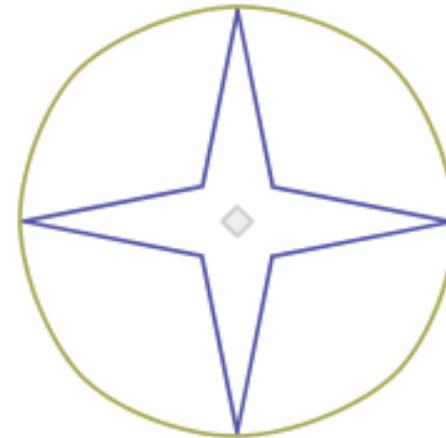
Azulejo da Praça do Mercado
Rua do Rego, Angra do Heroísmo

Grupo de simetria D_4



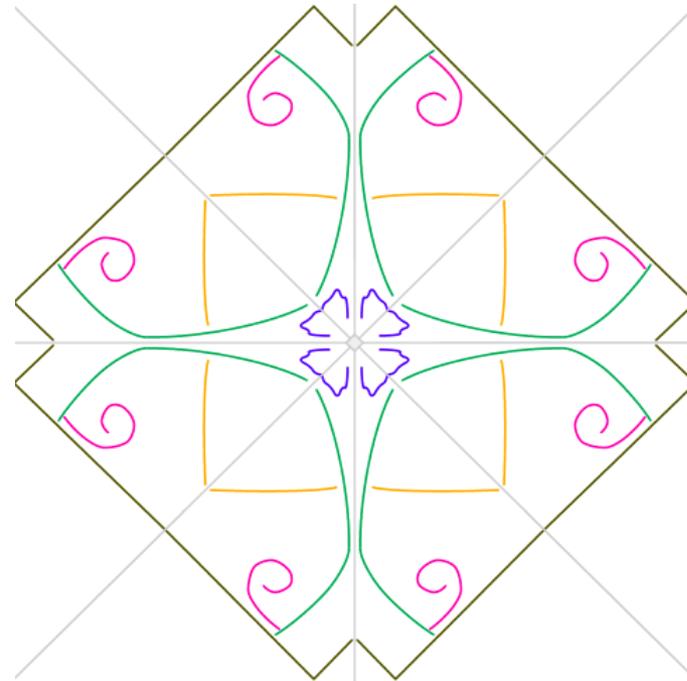
Decoração de parede
Rua do Rego, Angra do Heroísmo

Grupo de simetria D_4



Decoração
Rua da Sé, Angra do Heroísmo

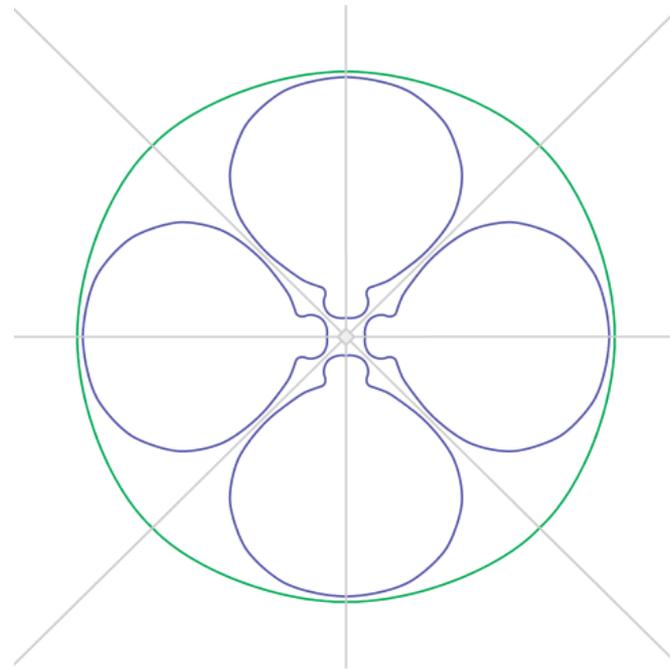
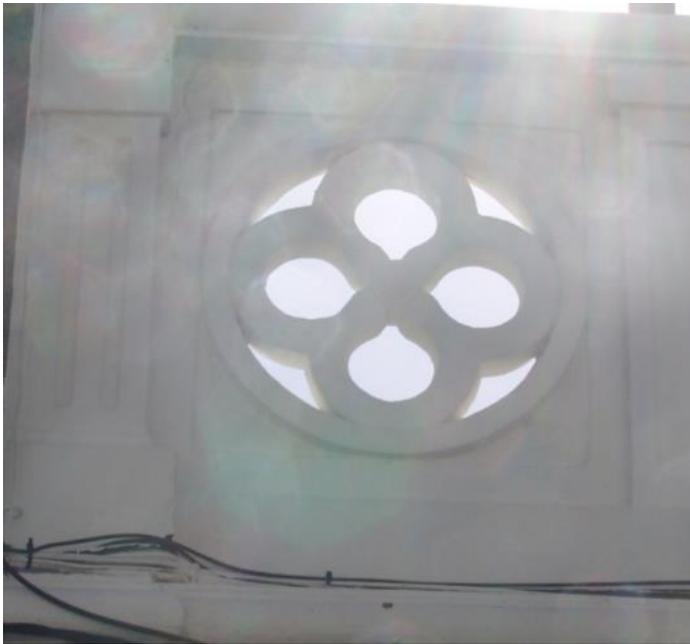
Grupo de simetria D_4



Azulejo

Rua de São João, Angra do Heroísmo

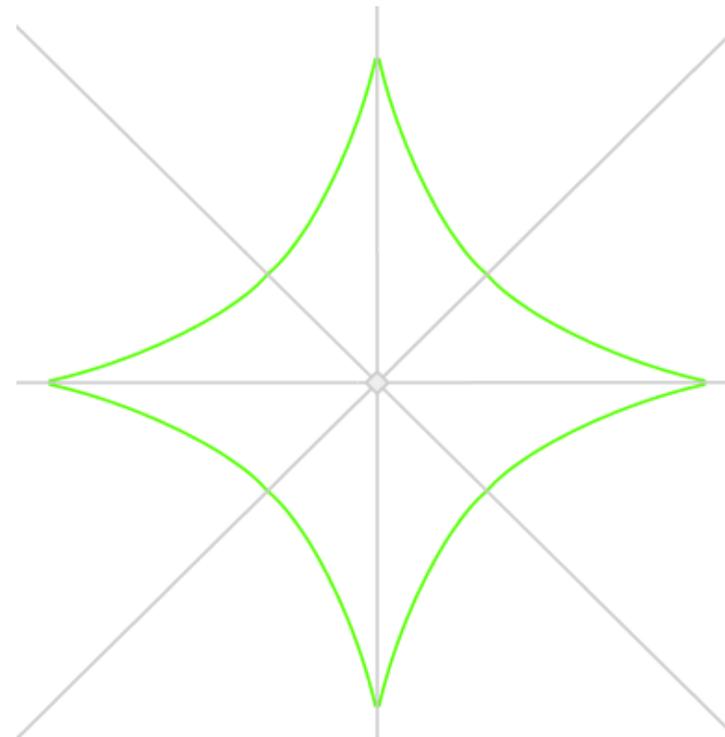
Grupo de simetria D_4



Varanda

Rua da Esperança, Angra do Heroísmo

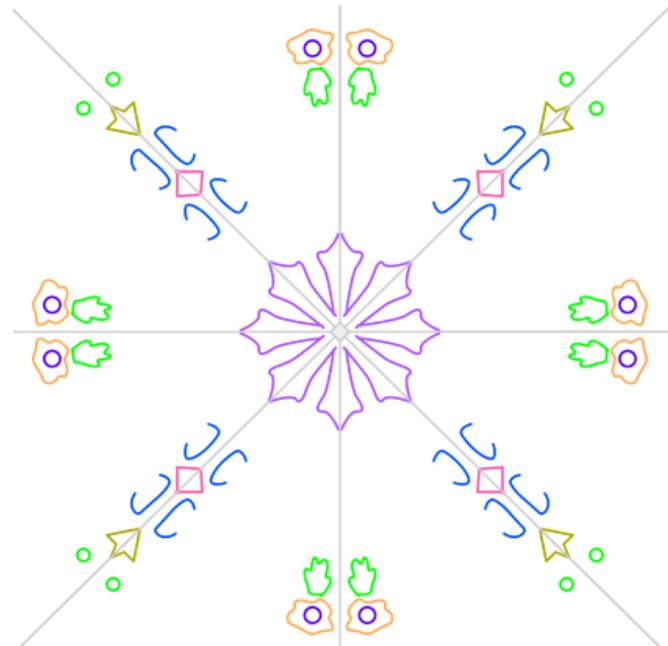
Grupo de simetria D_4



Porta

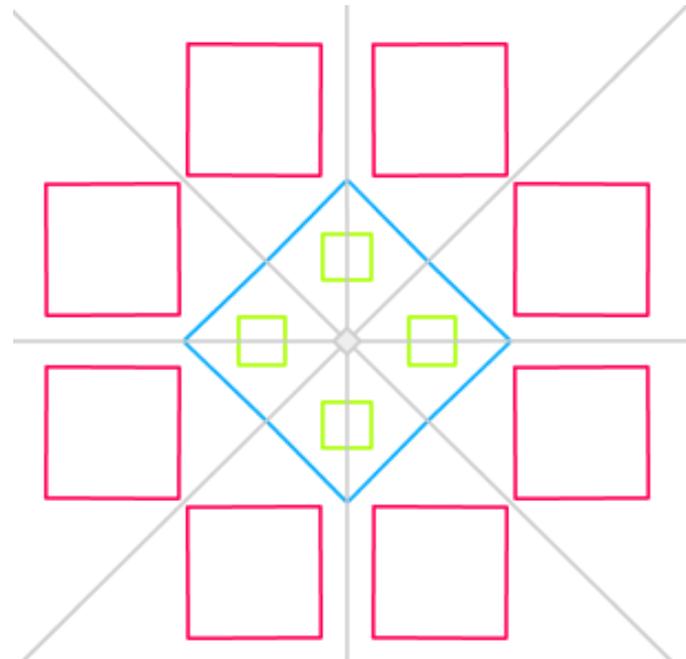
Largo Prior do Crato, Angra do Heroísmo

Grupo de simetria D_4



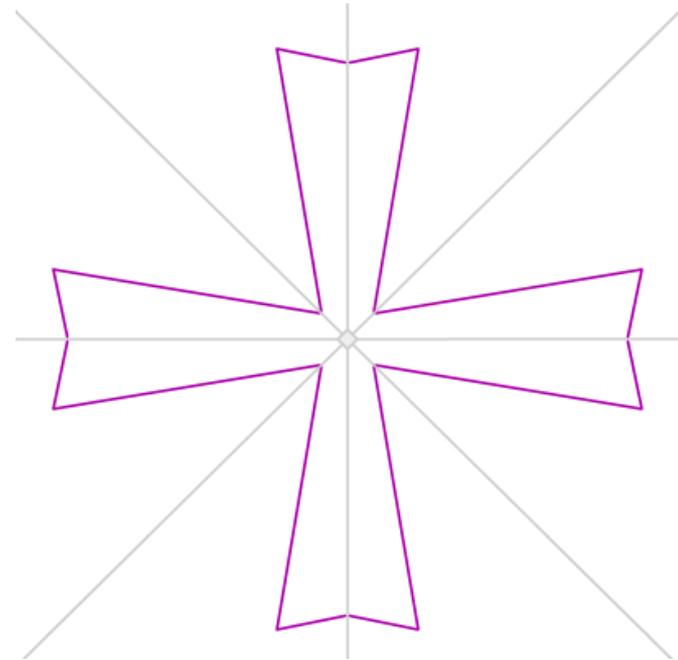
Azulejo da Praça do Mercado
Rua do Rego, Angra do Heroísmo

Grupo de simetria D_4



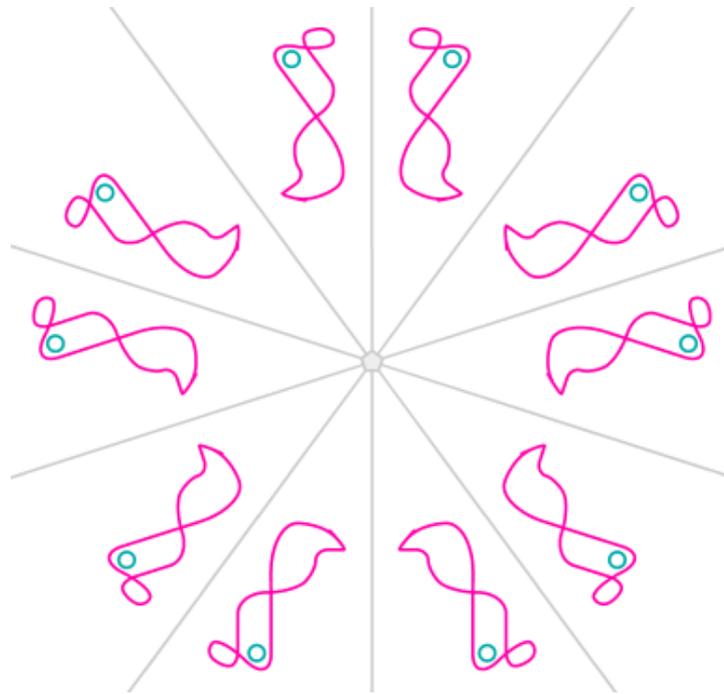
Renda de toalha de mesa

Grupo de simetria D_4



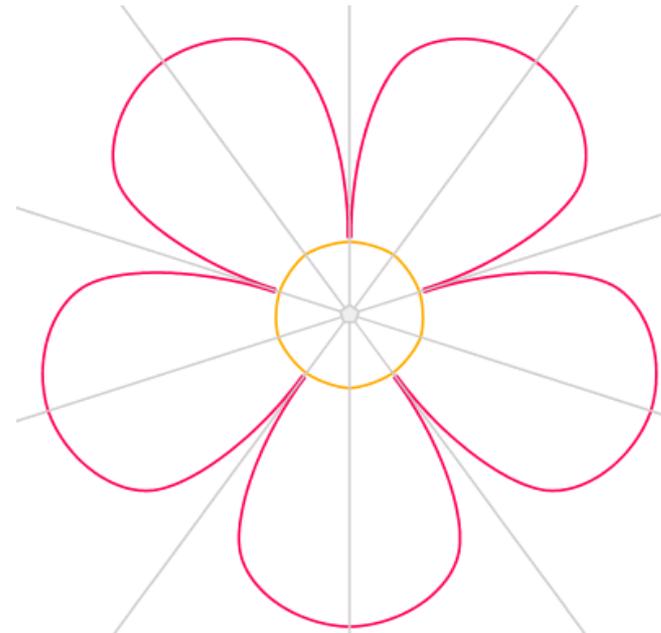
Igreja de Sé
Rua da Sé, Angra do Heroísmo

Grupo de simetria D_5



Esboço no TESS

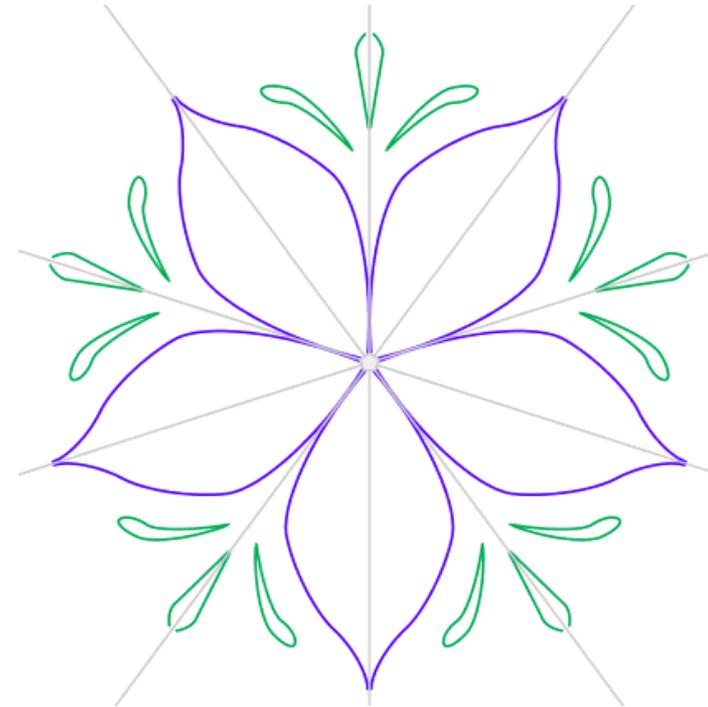
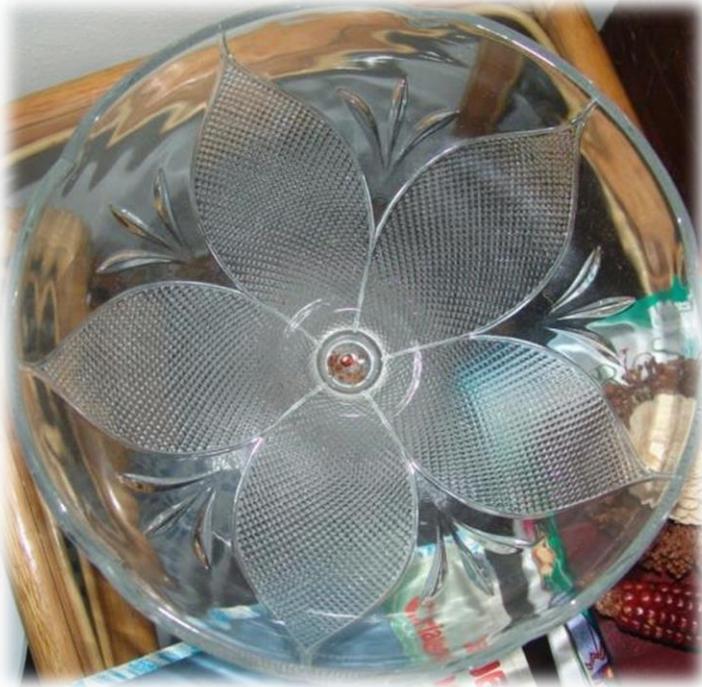
Grupo de simetria D_5



Flor

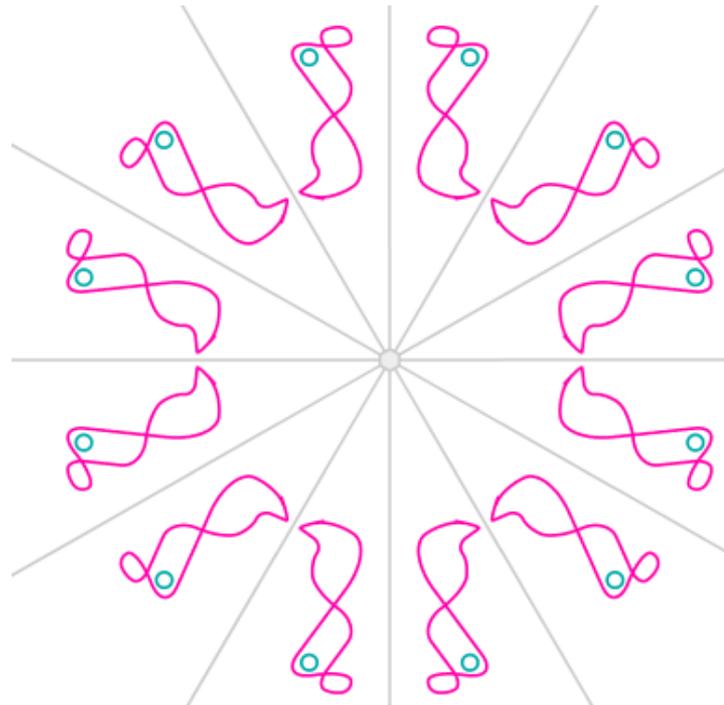
Jardim Duque da Terceira, Angra do Heroísmo

Grupo de simetria D_5



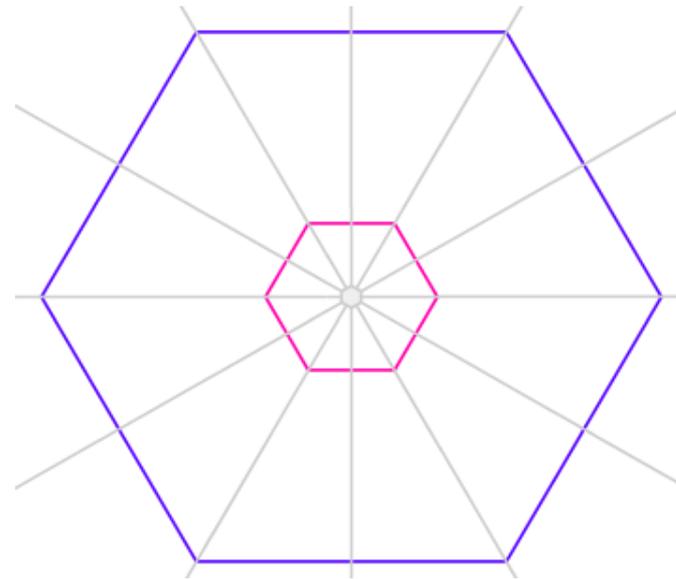
Pirex com uma flor

Grupo de simetria D_6



Esboço no TESS

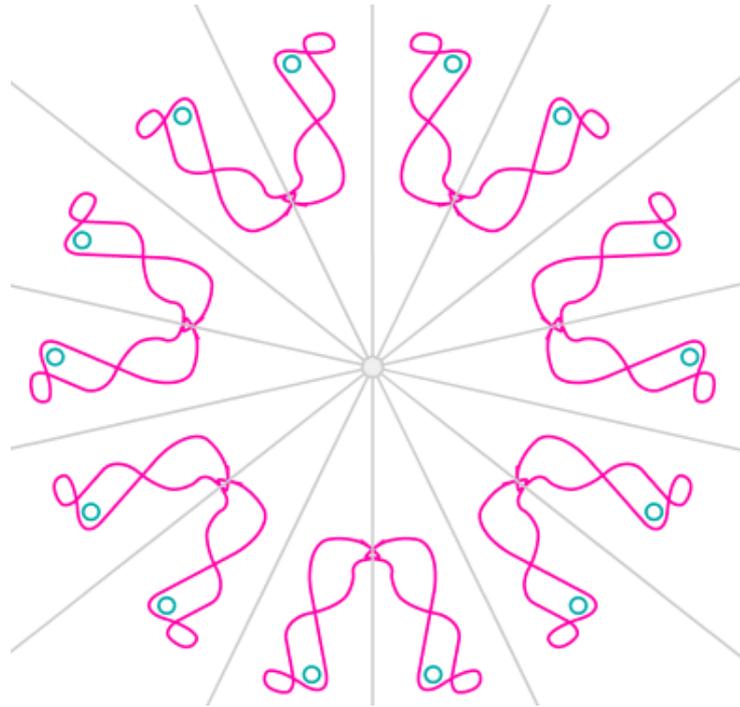
Grupo de simetria D_6



Decoração de porta

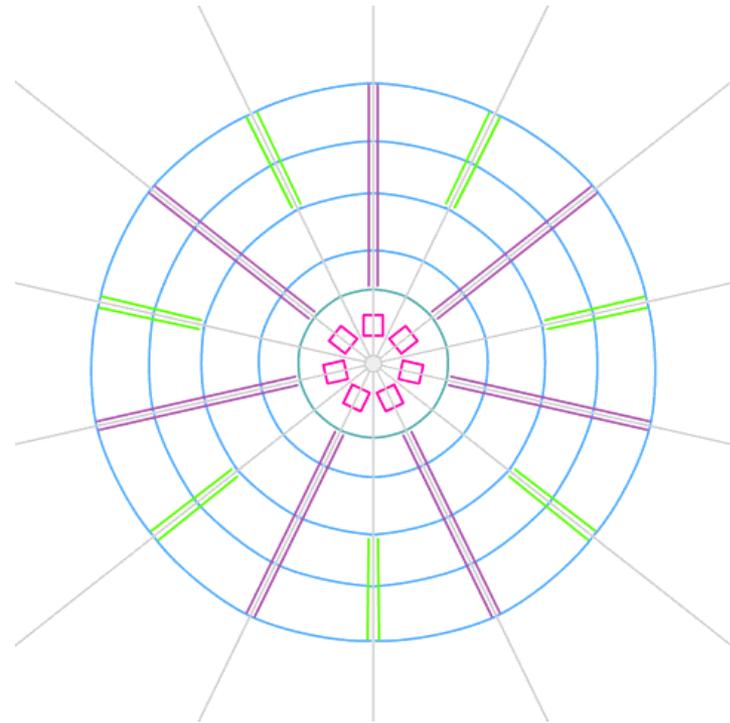
Largo Prior do Crato, Angra do Heroísmo

Grupo de simetria D_7



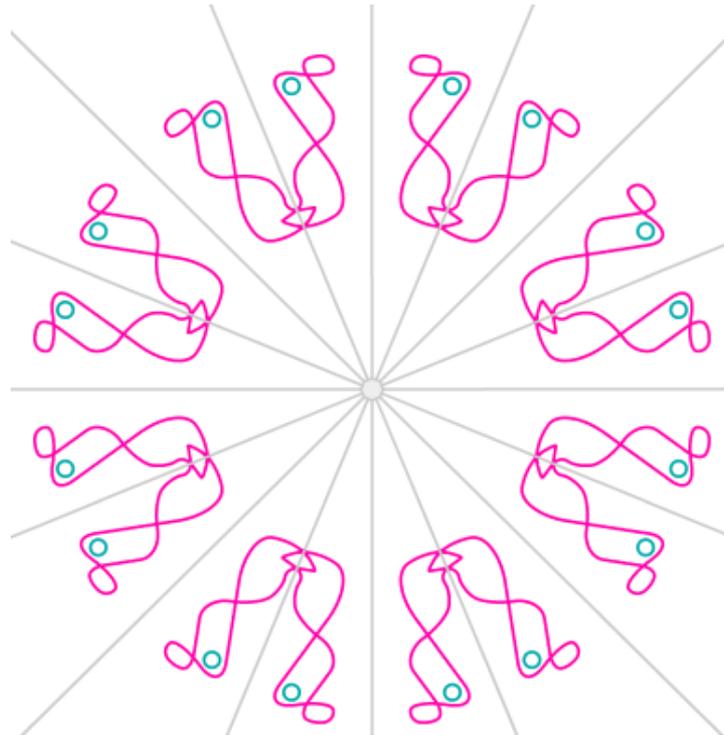
Esboço no TESS

Grupo de simetria D_7



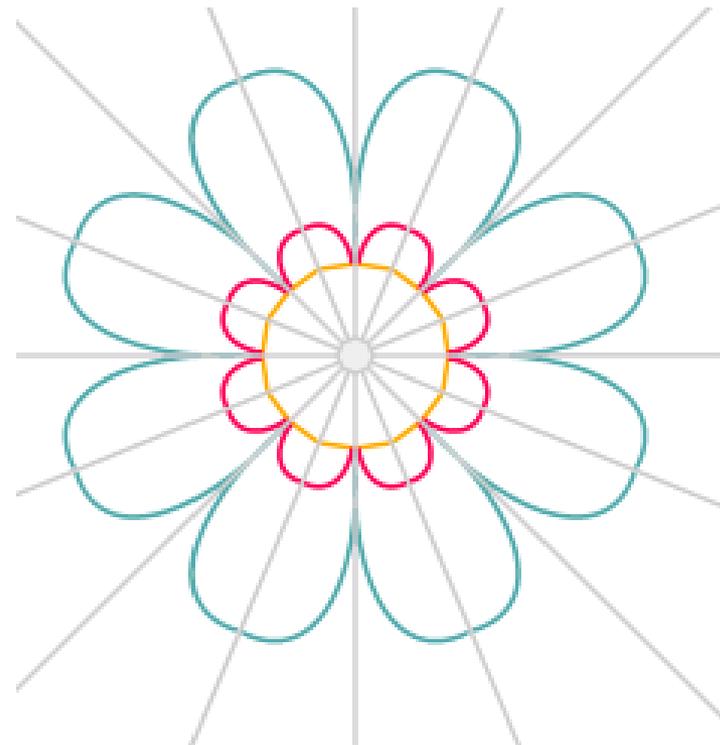
Tampa de Esgoto
Rua do Marquês, Angra do Heroísmo

Grupo de simetria D_8



Esboço no TESS

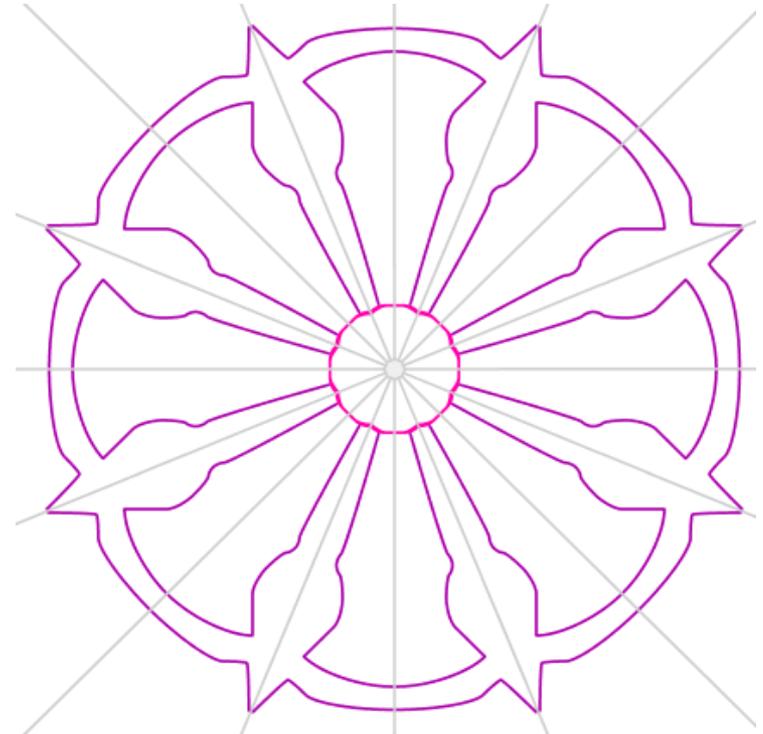
Grupo de simetria D_8



Decoração de porta

Rua de São Pedro, Angra do Heroísmo

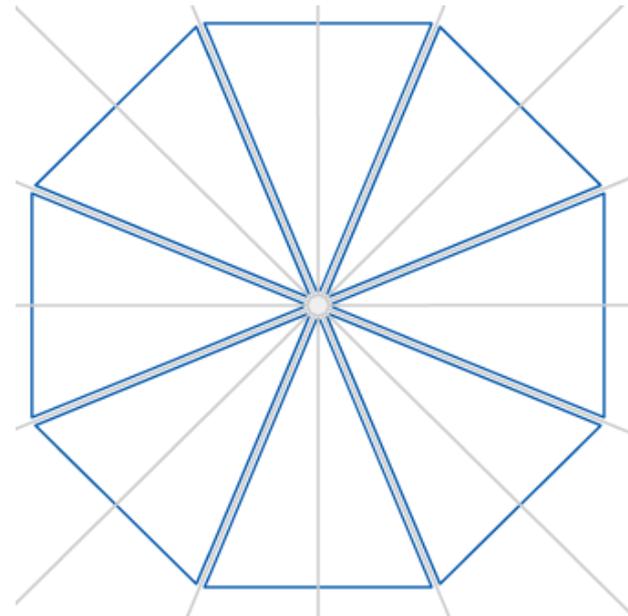
Grupo de simetria D_8



Maçaneta

Largo Prior do Crato, Angra do Heroísmo

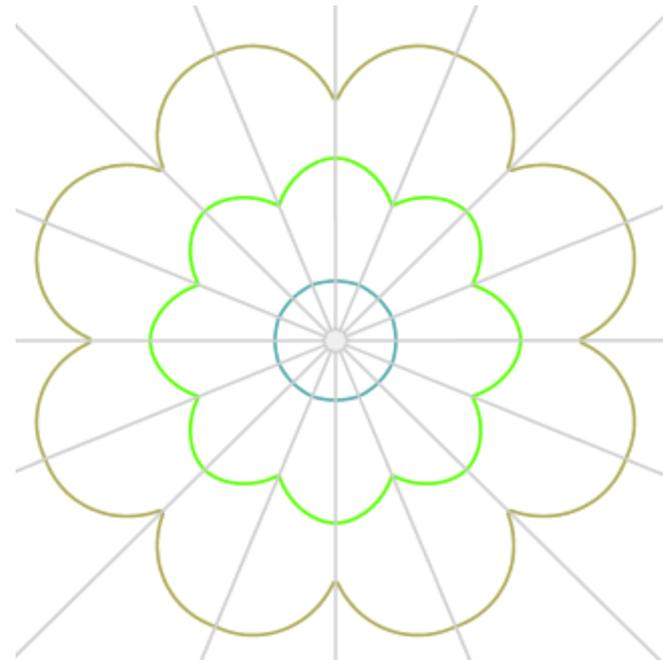
Grupo de simetria D_8



Maçaneta

Rua de São Pedro, Angra do Heroísmo

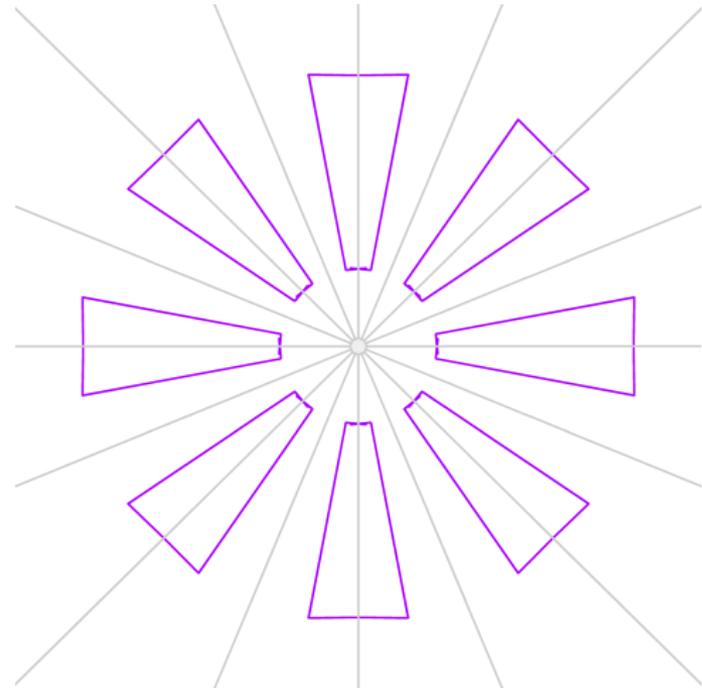
Grupo de simetria D_8



Decoração de porta

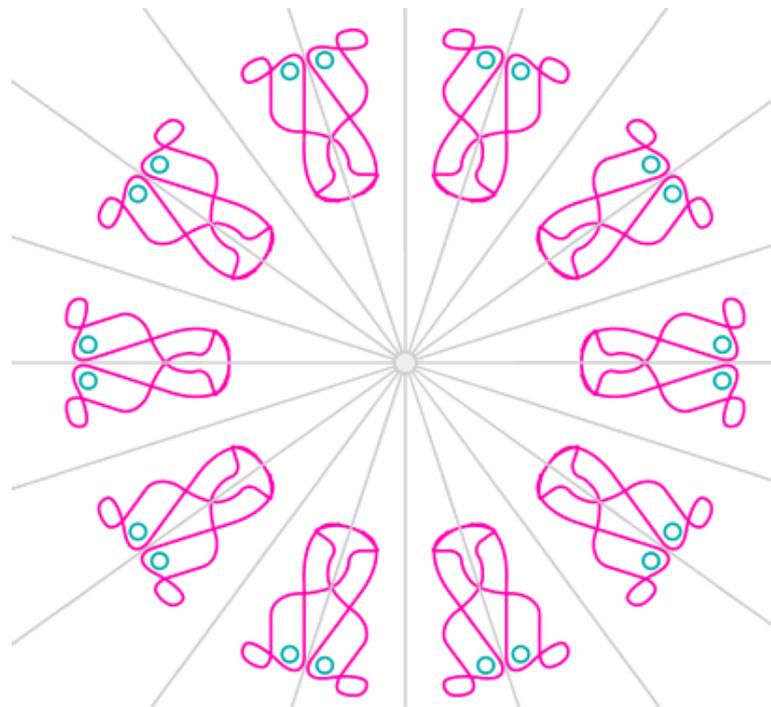
Rua de São Pedro, Angra do Heroísmo

Grupo de simetria D_8



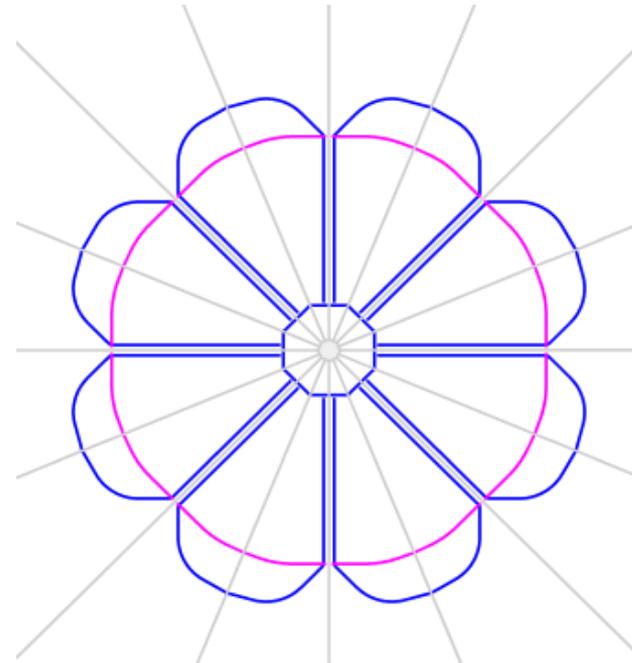
Conduta de ar
Porto Judeu

Grupo de simetria D_{10}



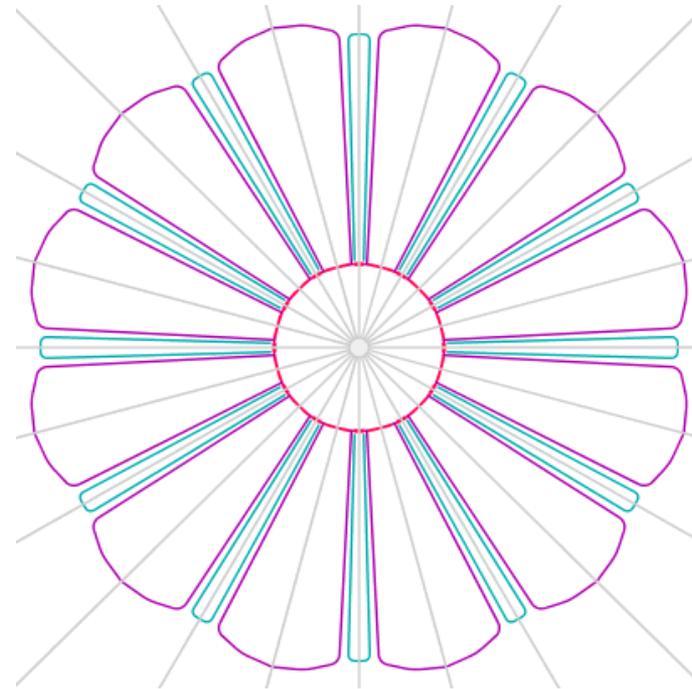
Esboço no TESS

Grupo de simetria D_{10}



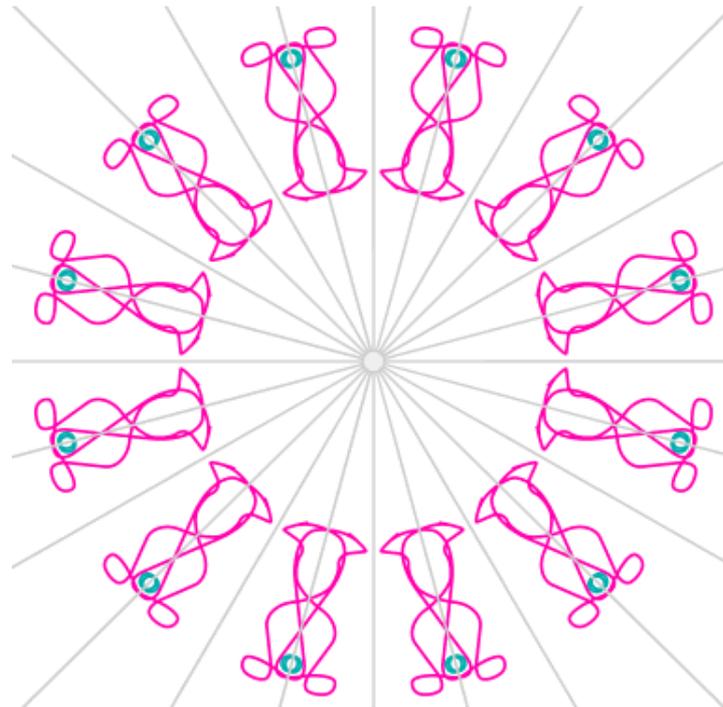
Colar

Grupo de simetria D_{10}



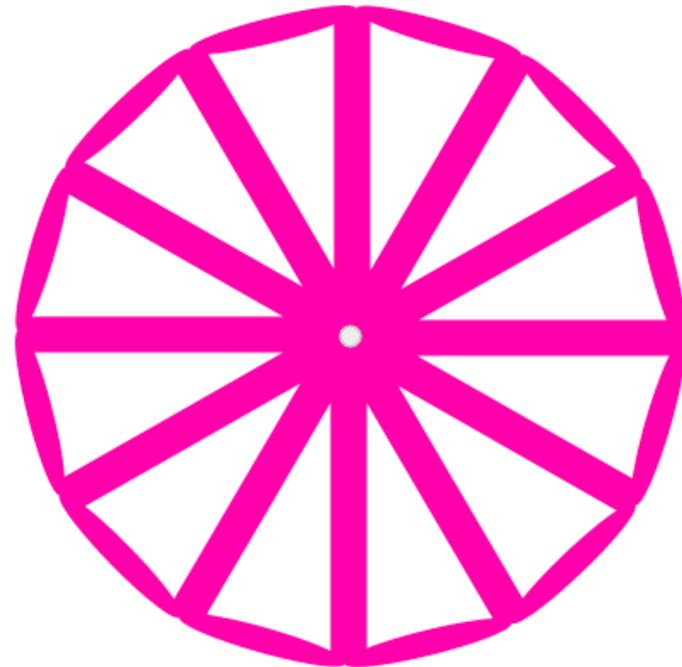
Fonte de água
Alto das Covas, Angra do Heroísmo

Grupo de simetria D_{12}



Esboço no TESS

Grupo de simetria D_{12}

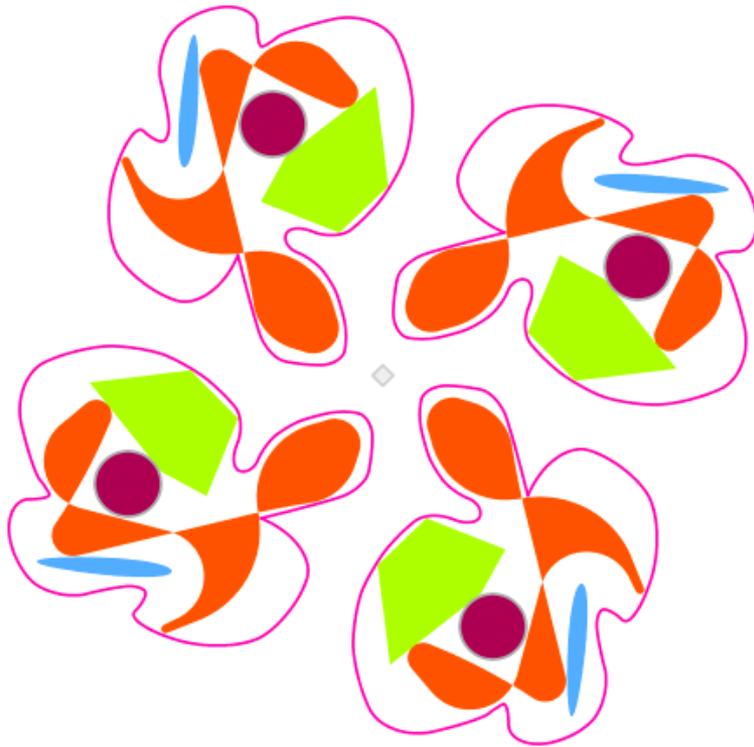
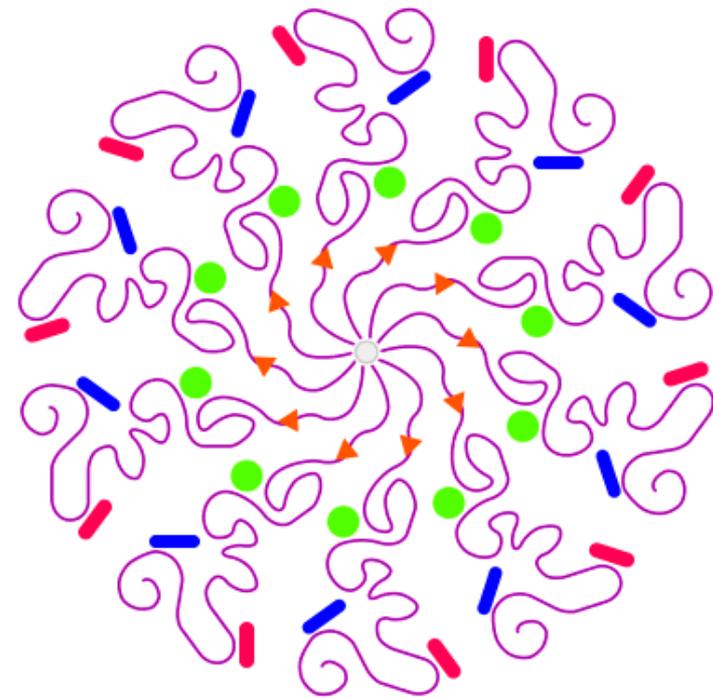


Candeeiro da Igreja da Sé
Rua de Sé, Angra do Heroísmo

Desenho livre - TESS

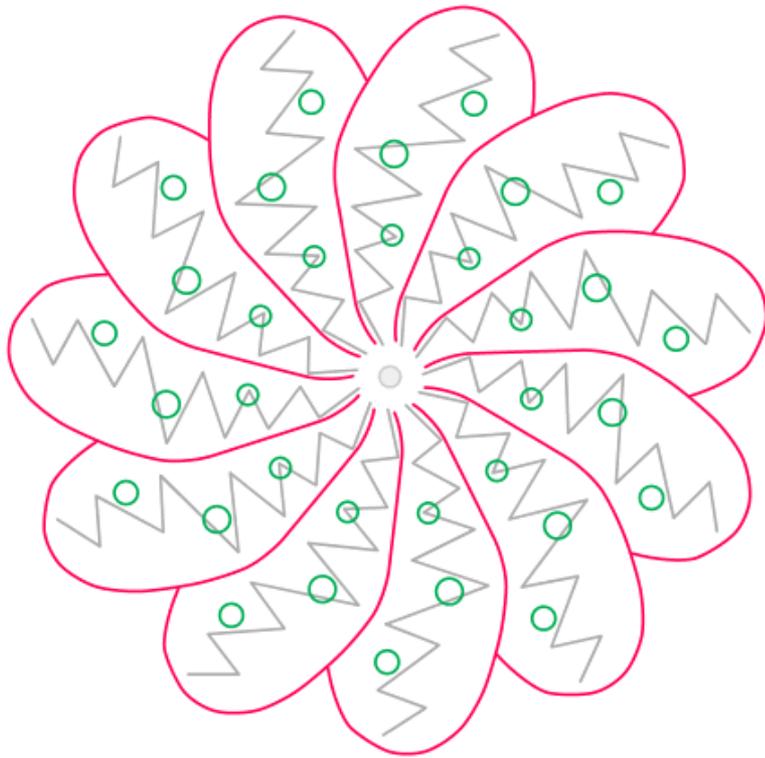
Raquel

Grupo de simetria C_n

 C_4  C_{10}

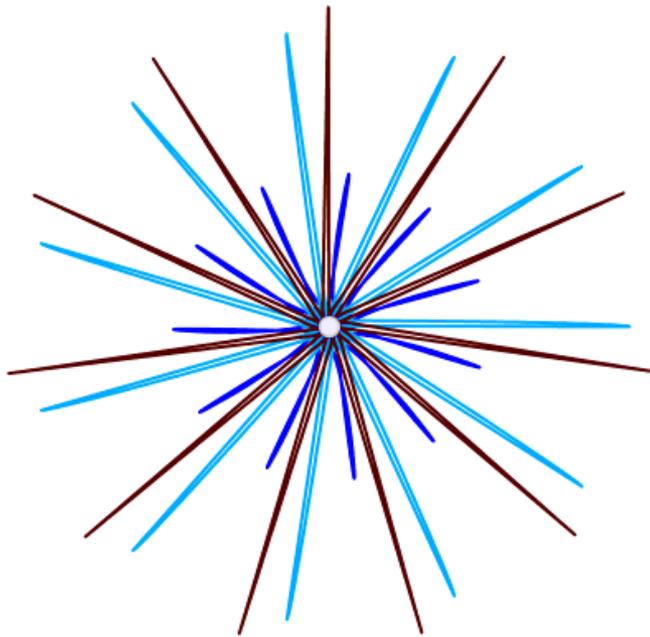
Raquel

Grupo de simetria C_n

 C_{11}  C_9

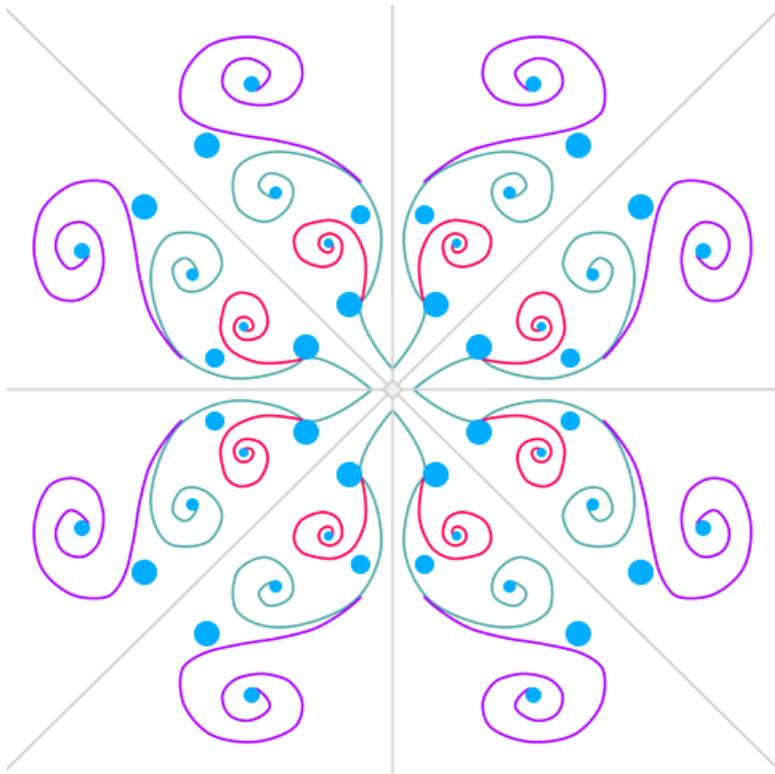
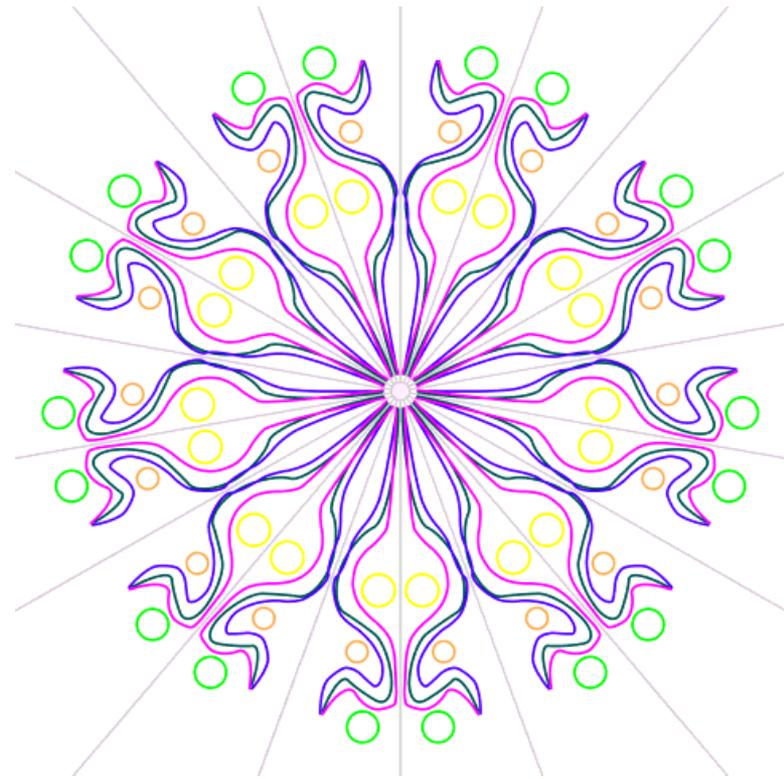
Raquel

Grupo de simetria C_n

 C_{11}  C_9

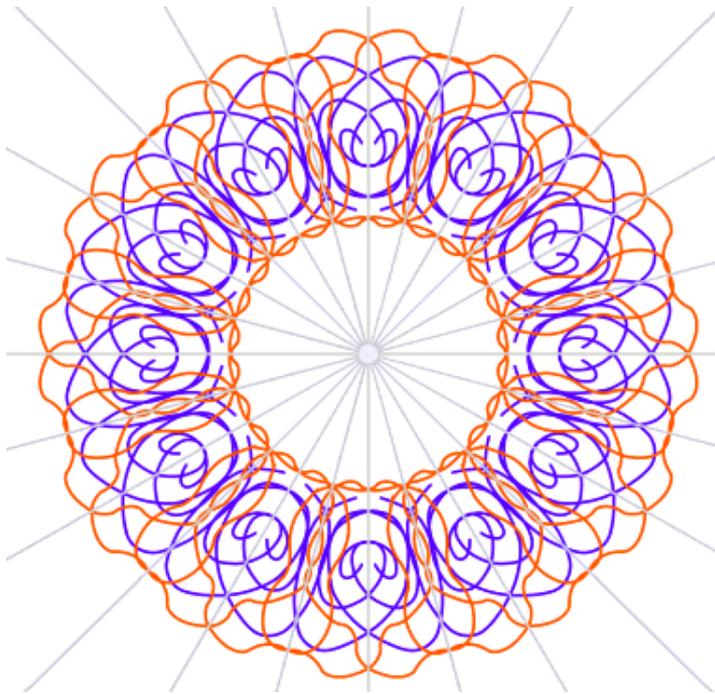
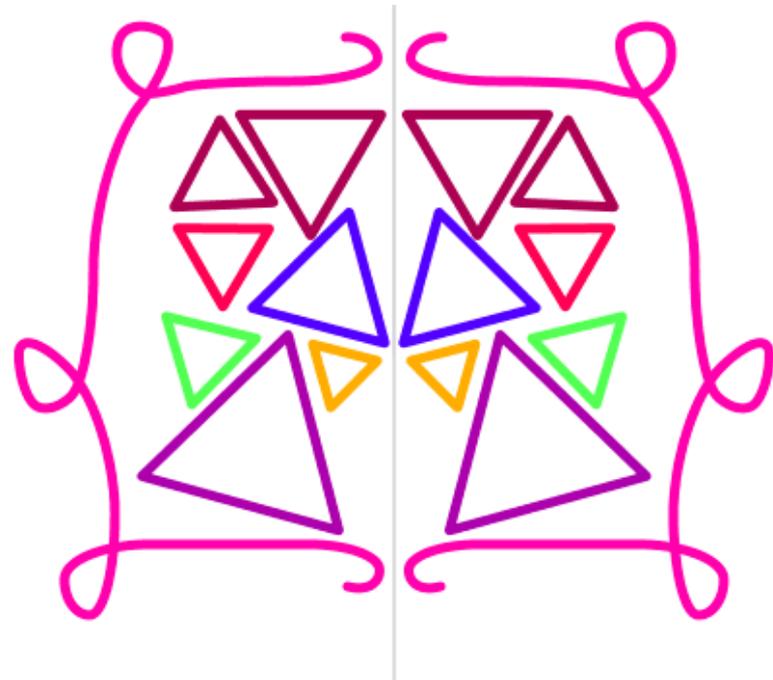
Raquel

Grupo de simetria D_n

 D_4  D_9

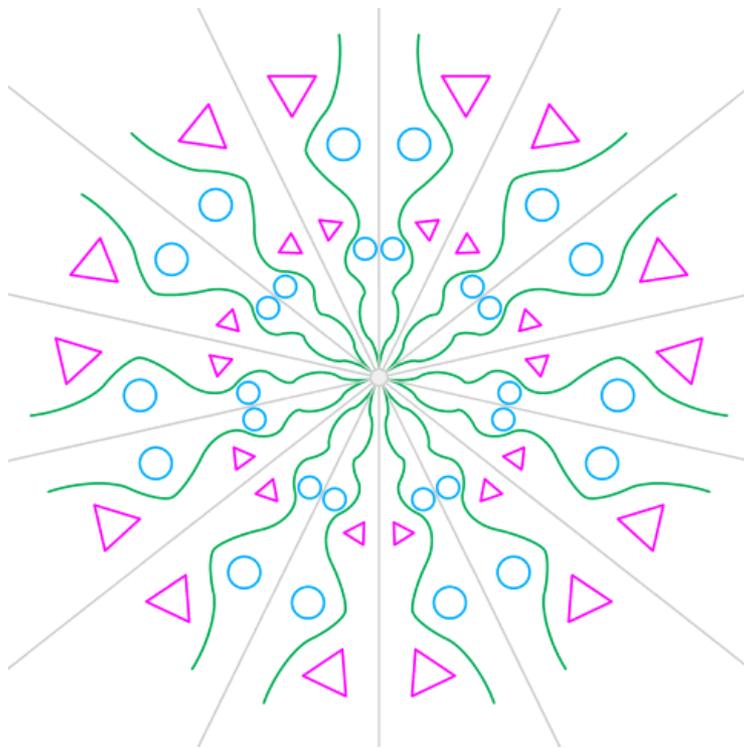
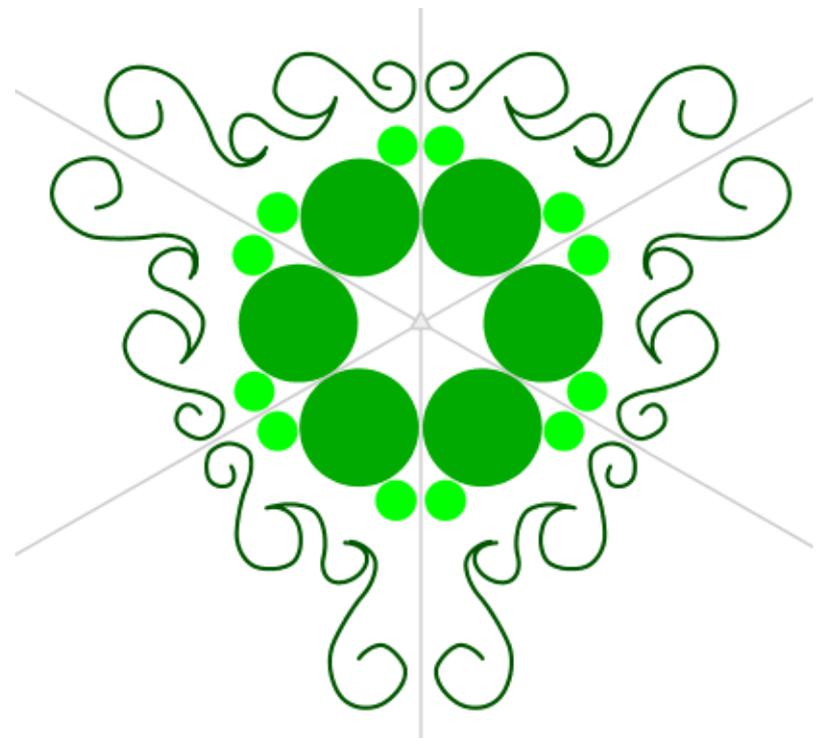
Raquel

Grupo de simetria D_n

 D_{12}  D_1

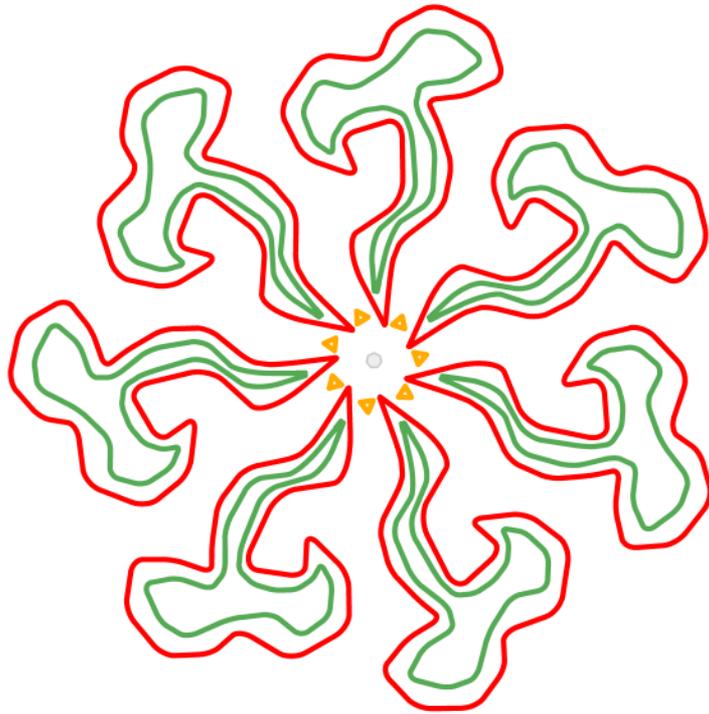
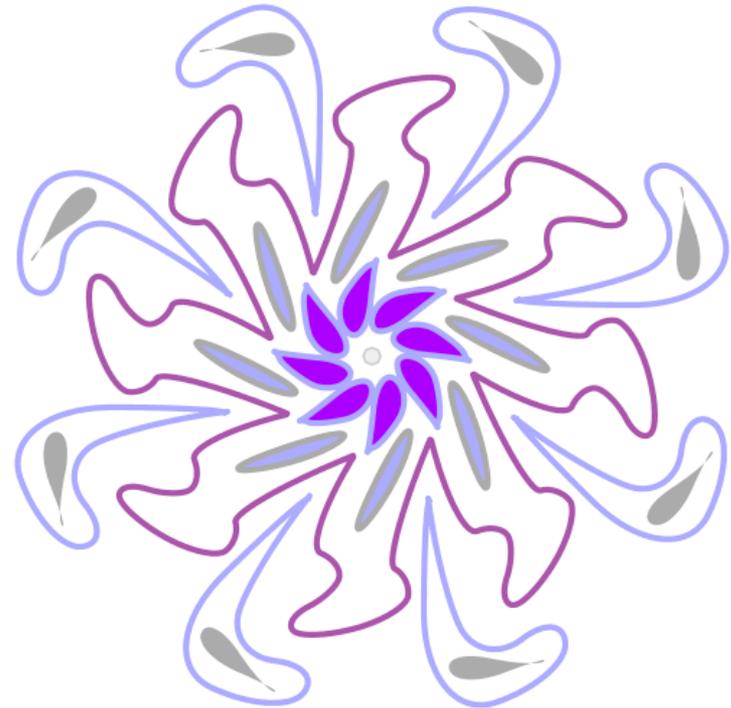
Raquel

Grupo de simetria D_n

 D_7  D_3

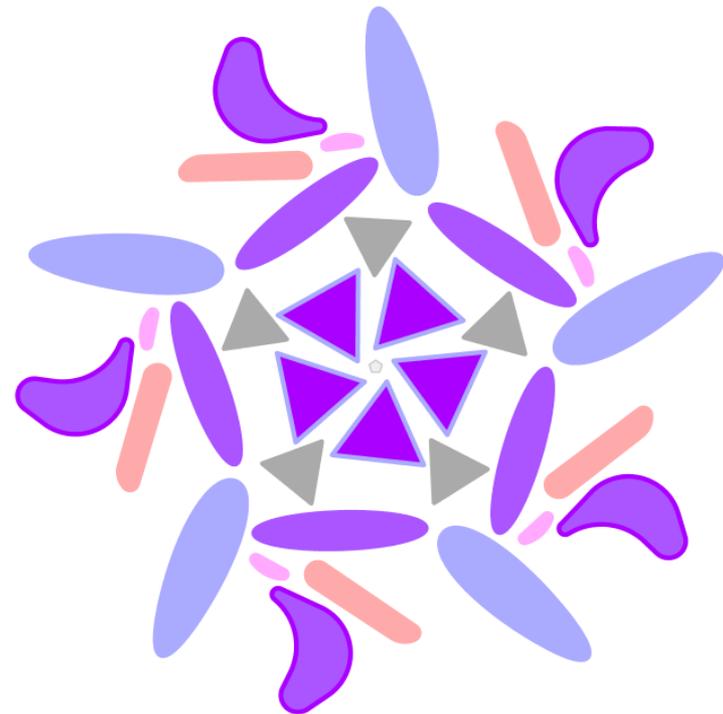
Marília

Grupo de simetria C_n

 C_7  C_8

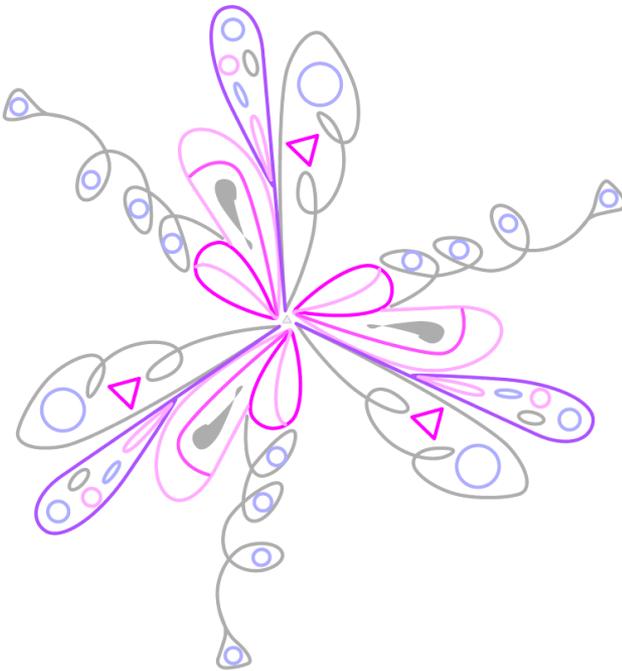
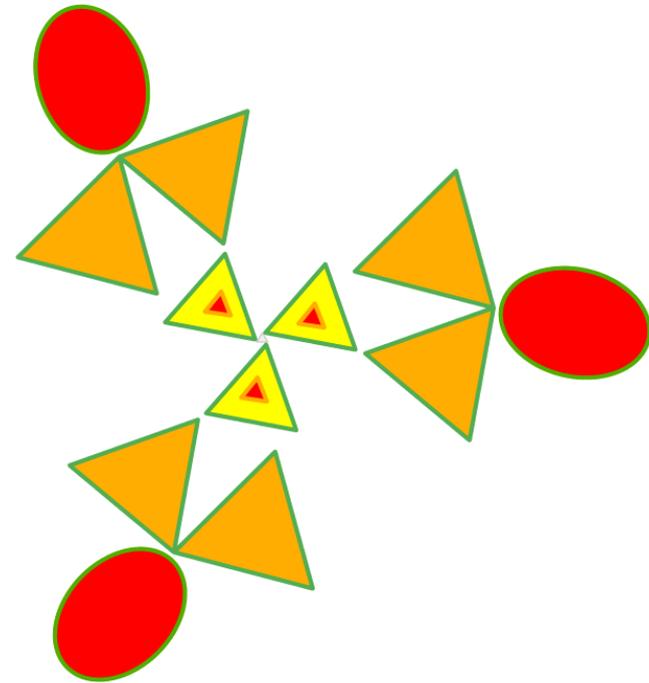
Marília

Grupo de simetria C_n

 C_1  C_5

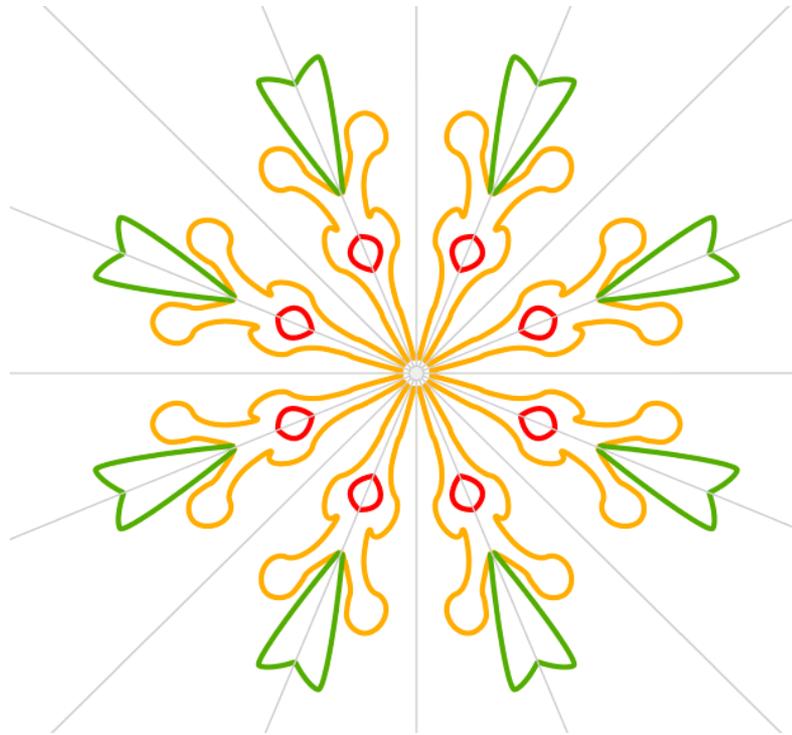
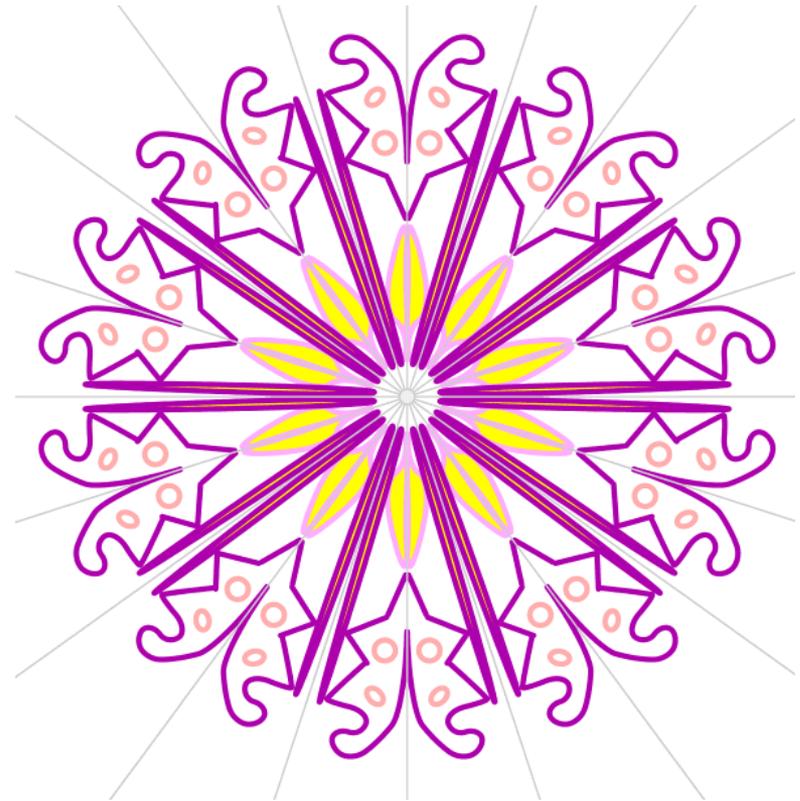
Marília

Grupo de simetria C_n

 C_3  C_3

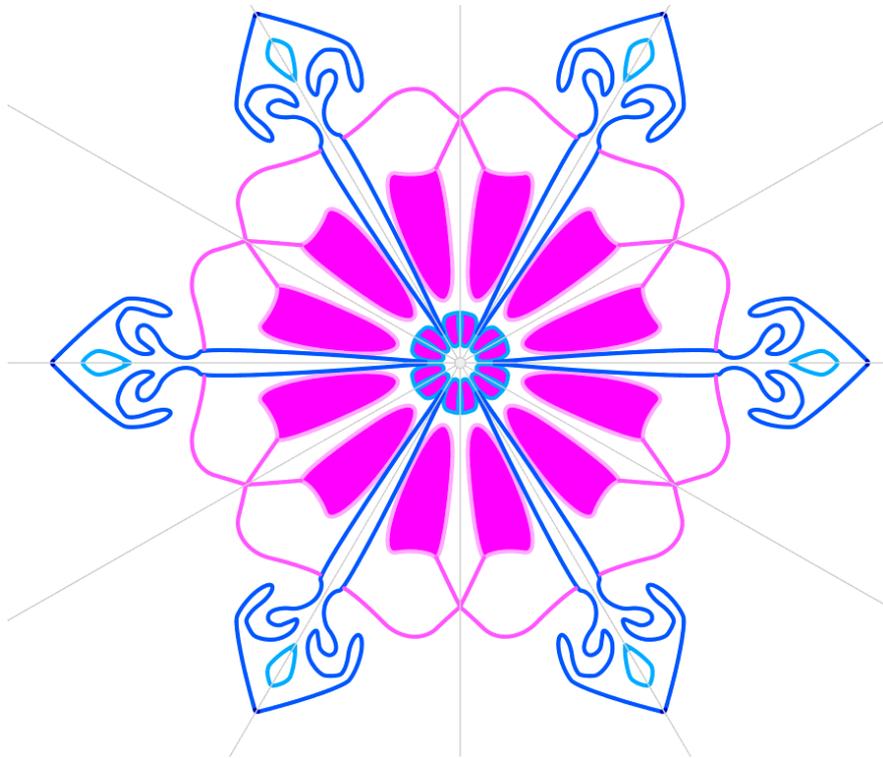
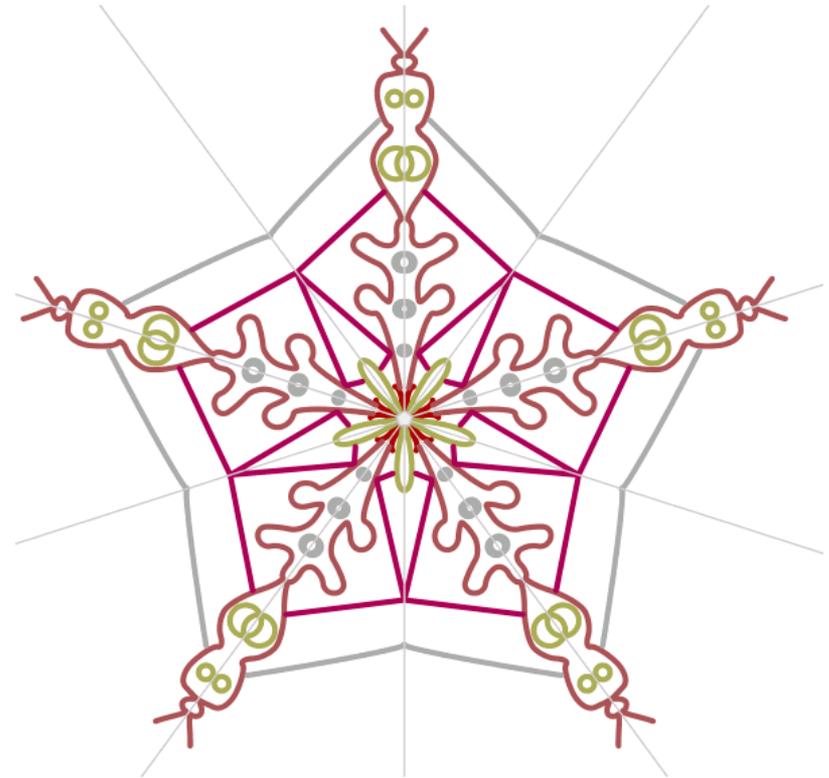
Marília

Grupo de simetria D_n

 D_8  D_{10}

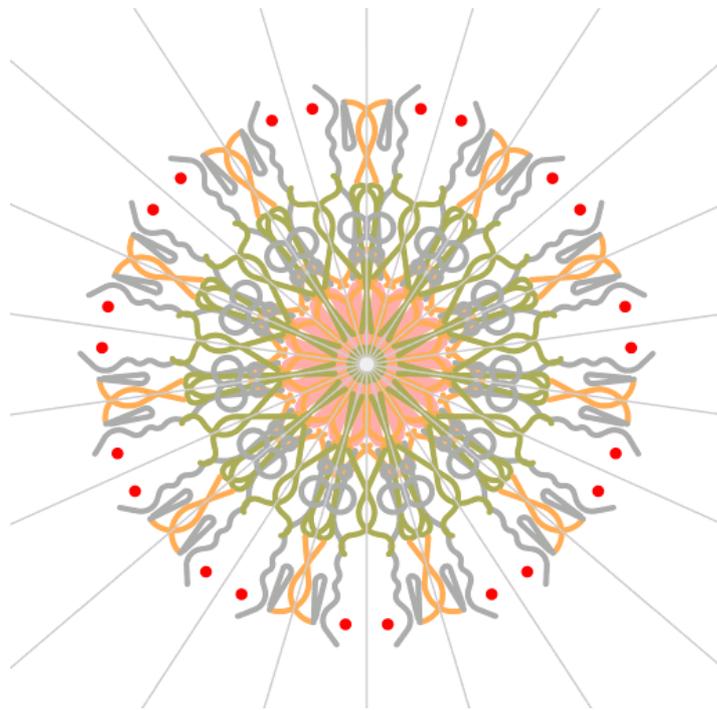
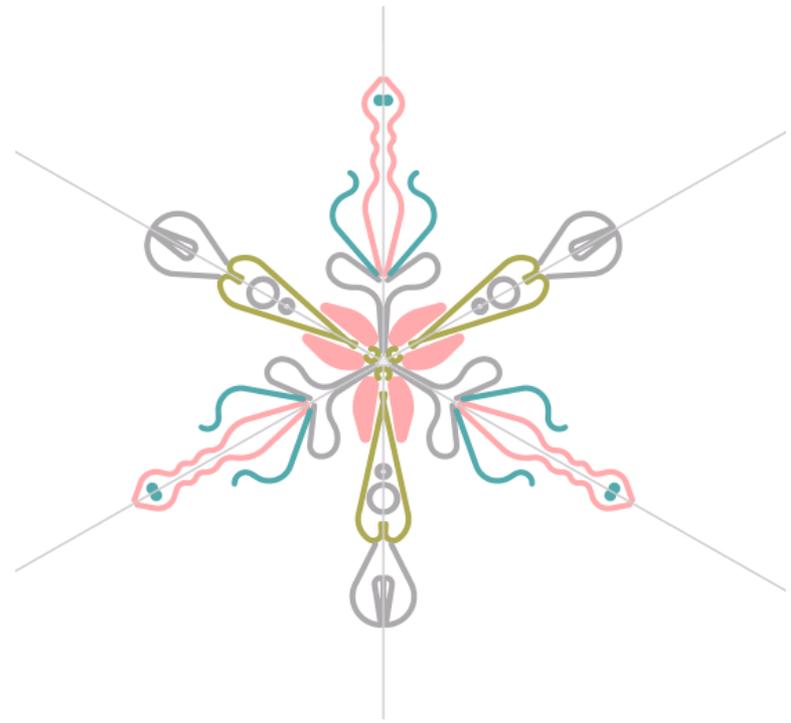
Marília

Grupo de simetria D_n

 D_6  D_5

Marília

Grupo de simetria D_n

 D_{11}  D_3