



UNIVERSIDADE DOS AÇORES
DEPARTAMENTO DE CIÊNCIAS DA EDUCAÇÃO
LICENCIATURA EM EDUCAÇÃO BÁSICA
APLICAÇÕES DA MATEMÁTICA
3º ANO – 1º SEMESTRE
2009/2010



Frisos



Docente: Prof. Doutor Ricardo Teixeira

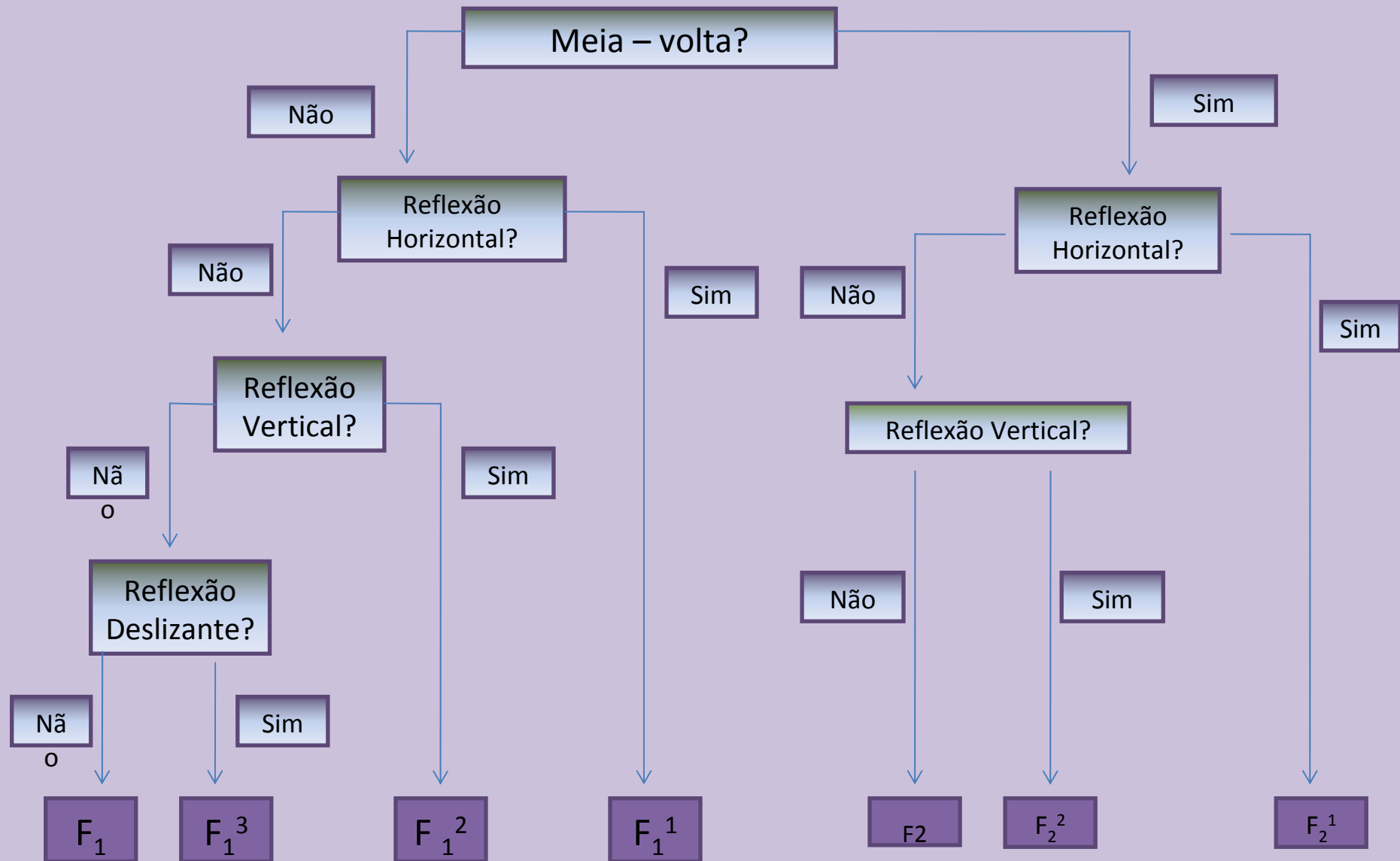
**Discentes : Carla Almeida
Diana Fragoso
José Silva**

Isometrias

Isometria	Pontos Fixos	Orientação
Translação	Nenhum	Preserva
Rotação	Um (centro de rotação)	Preserva
Reflexão	Infinitos (recta de reflexão)	Inverte
Reflexão Deslizante	Nenhum	Inverte

Os sete grupos de frisos

Fluxograma



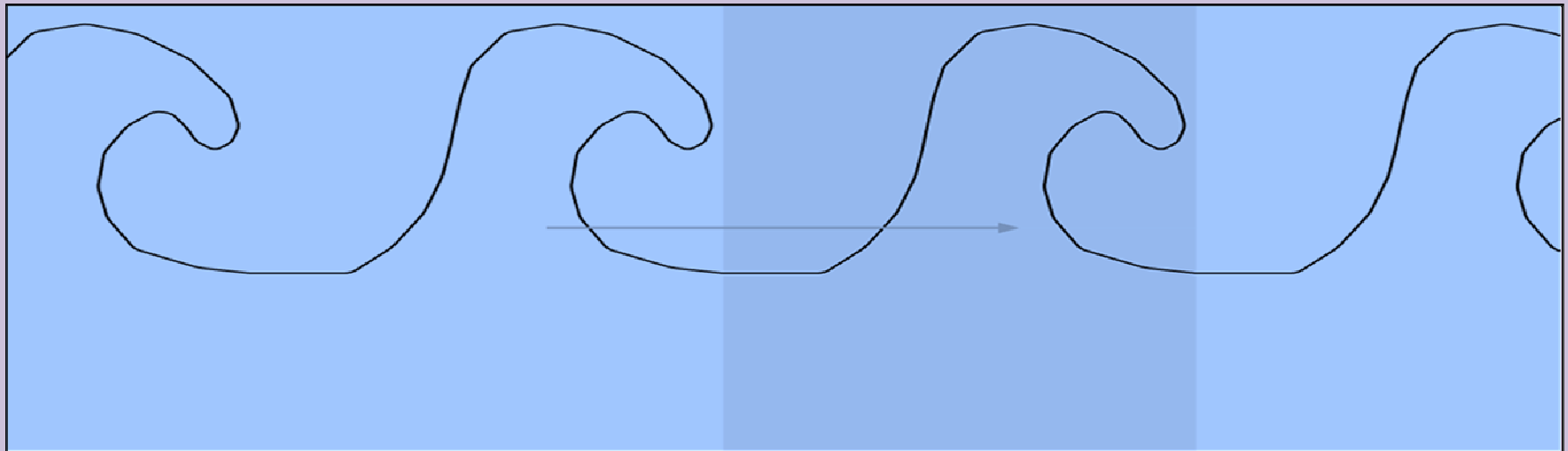
TESS 1.74



F_1



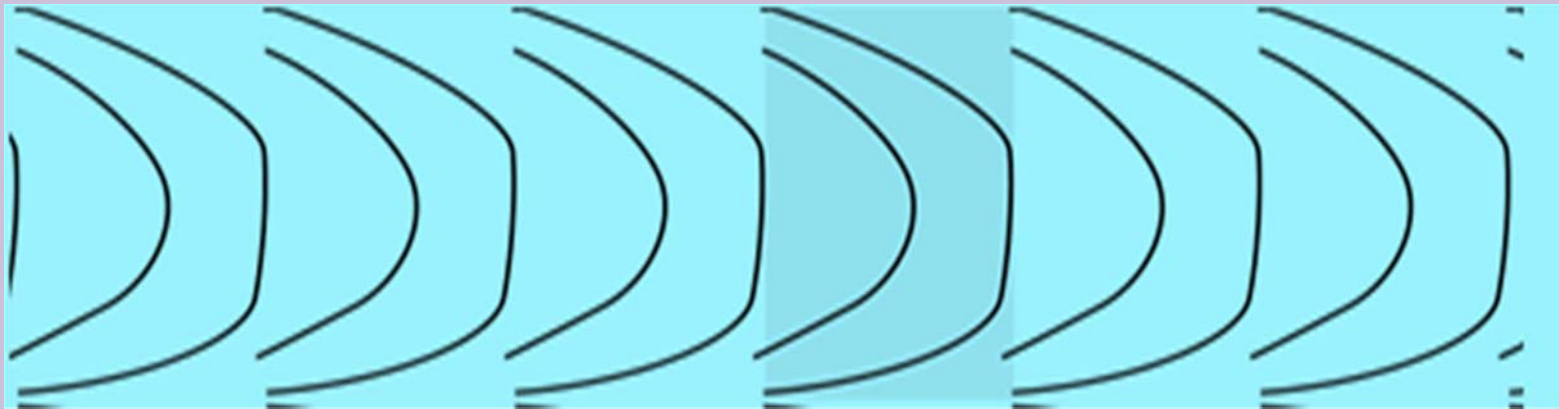
Praia da Vitória



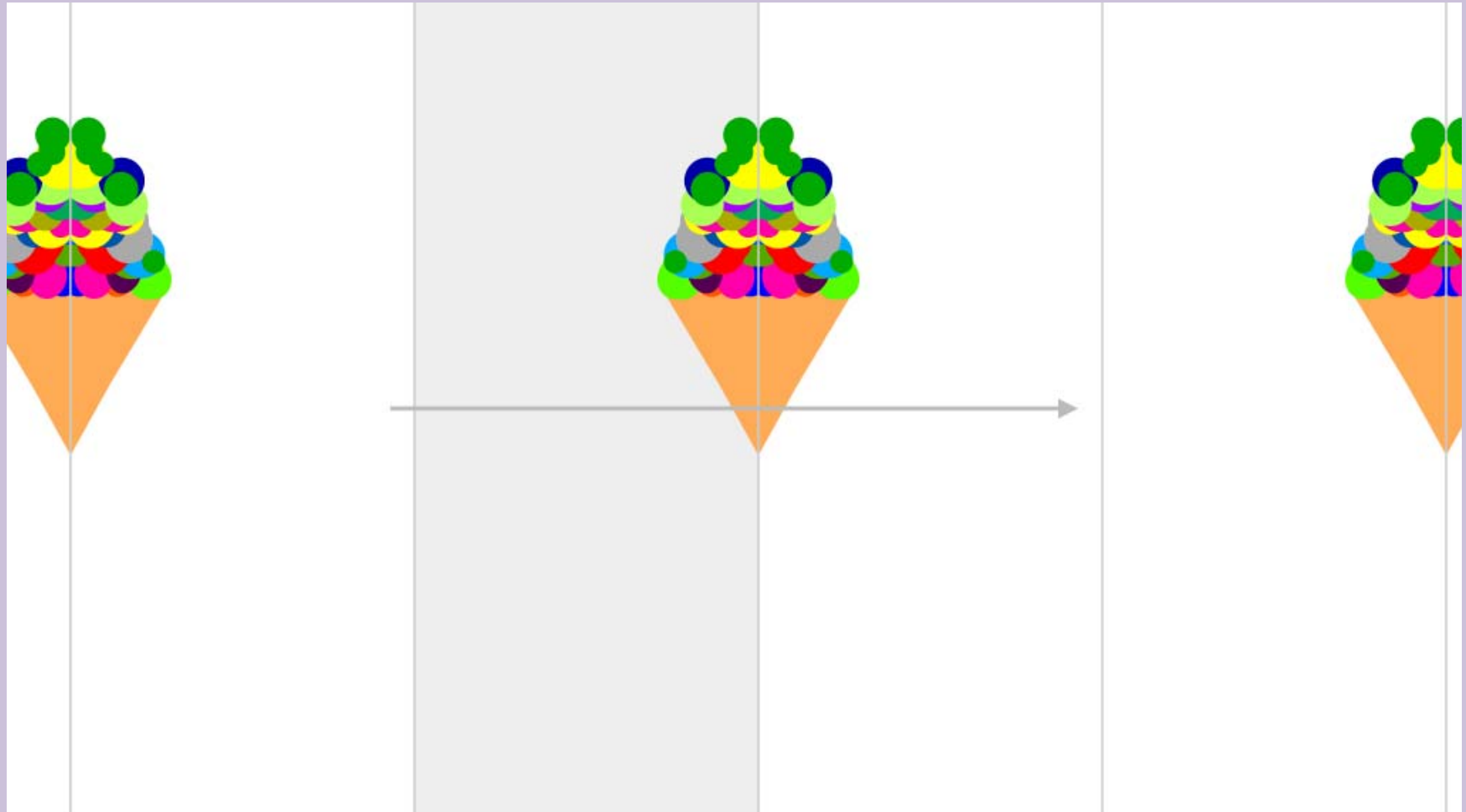
$$F_1^1$$



Campina Grande - Brasil



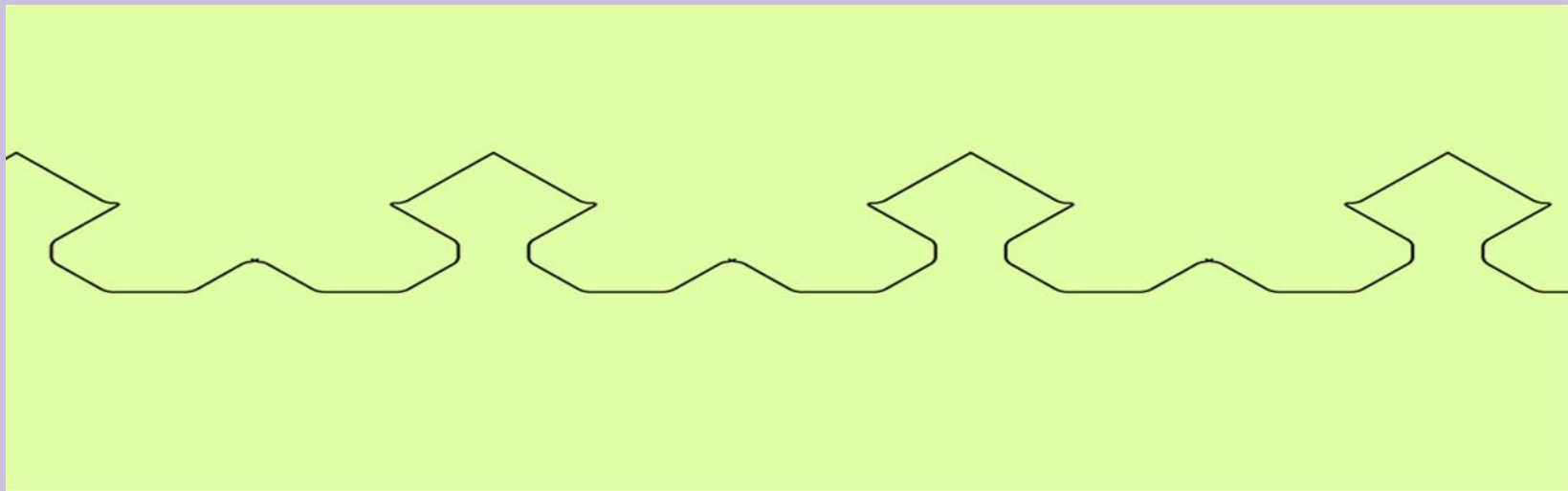
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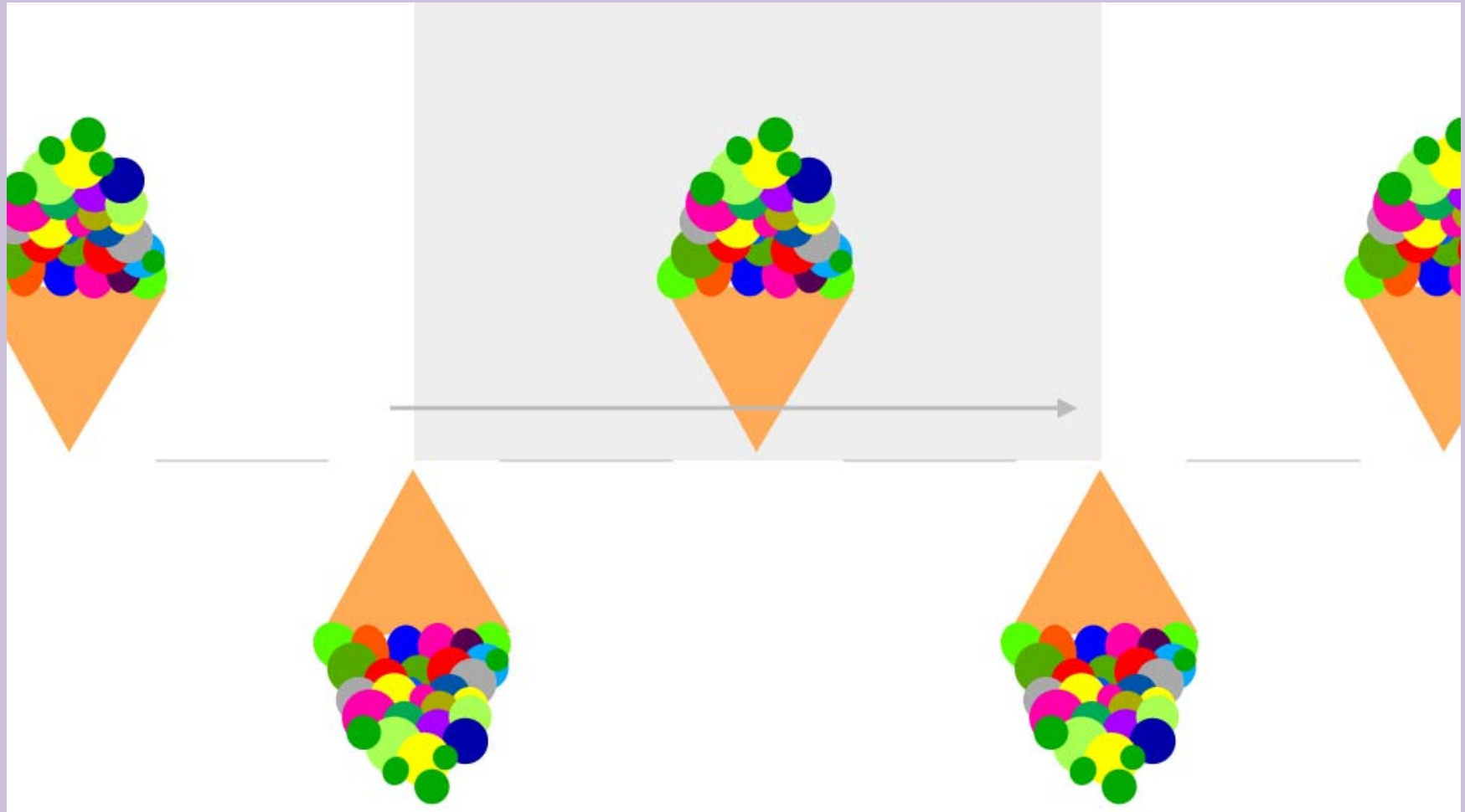
Campina Grande - Brasil



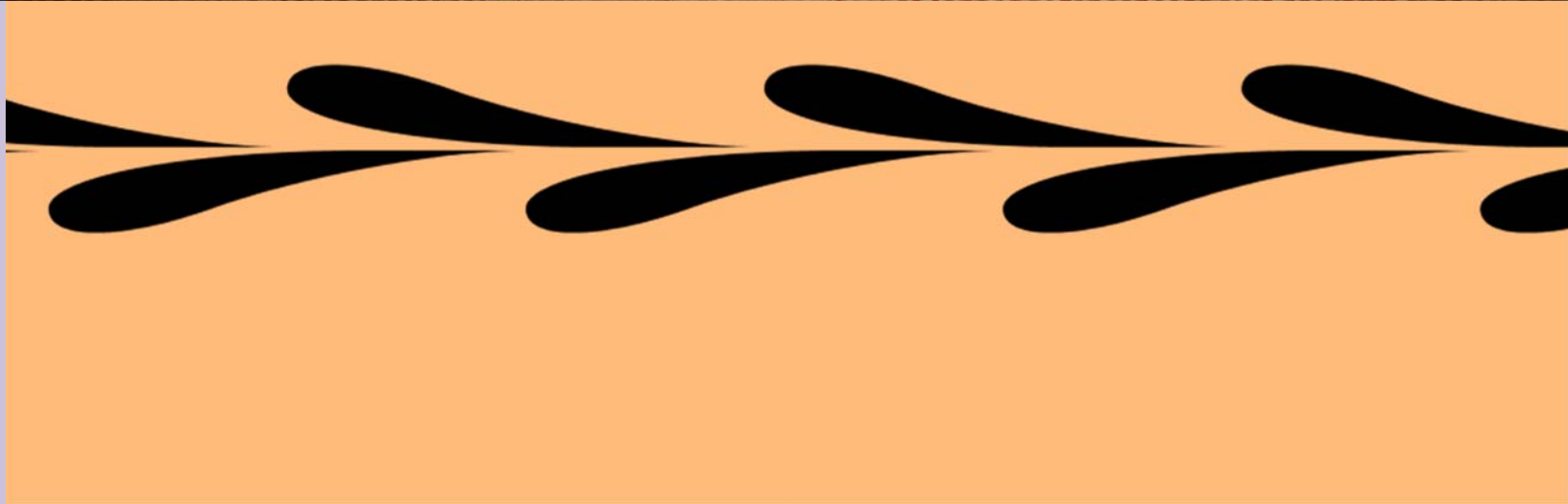
Campina Grande - Brasil



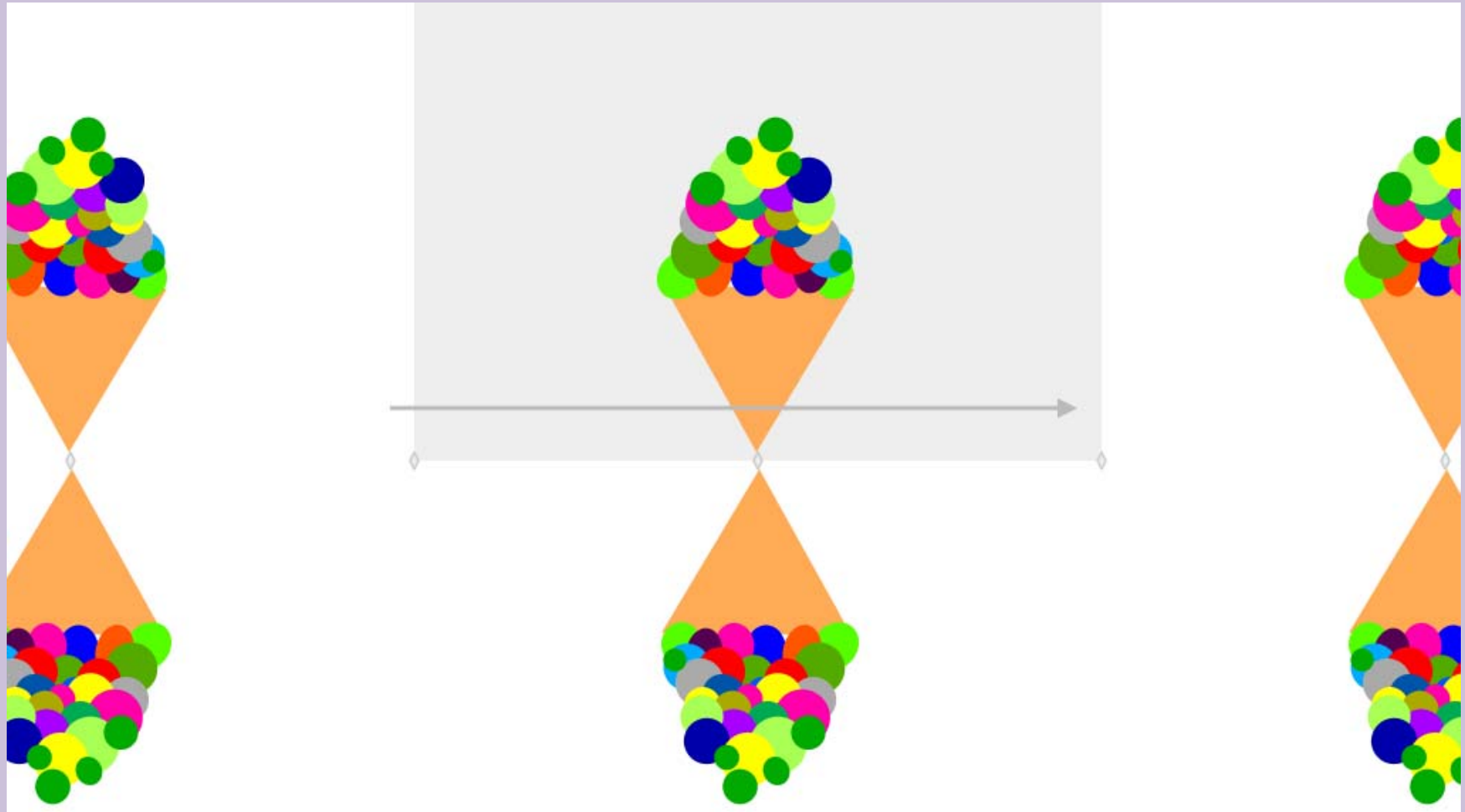
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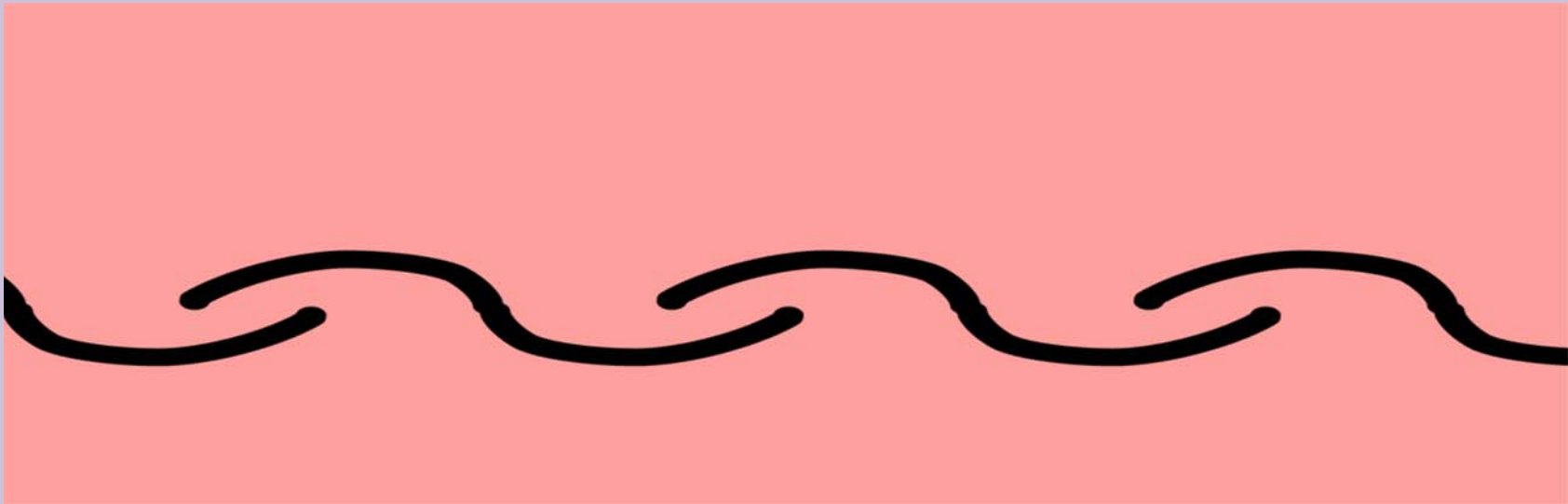
Terceira Mar Hotel



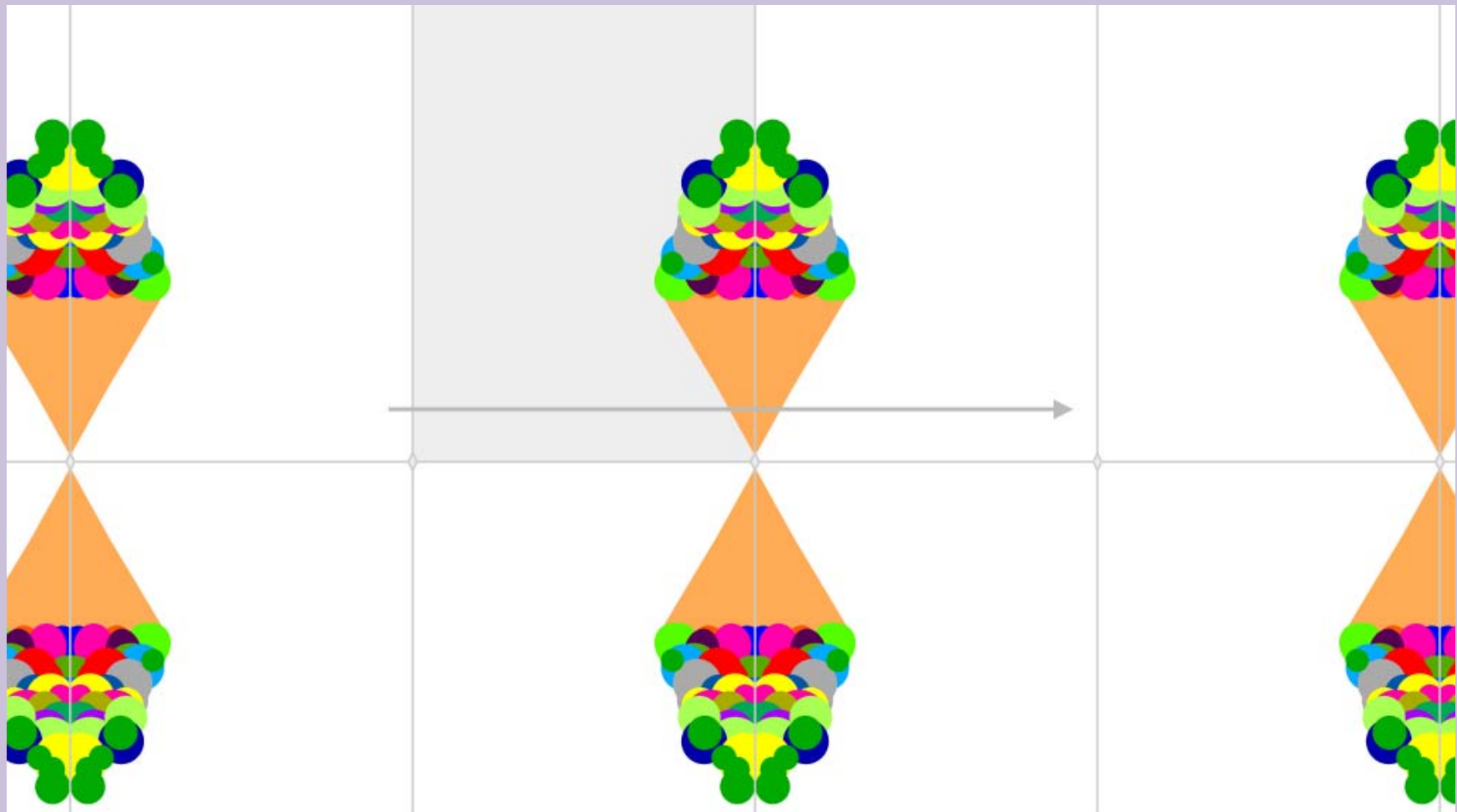
F_2



Marrocos



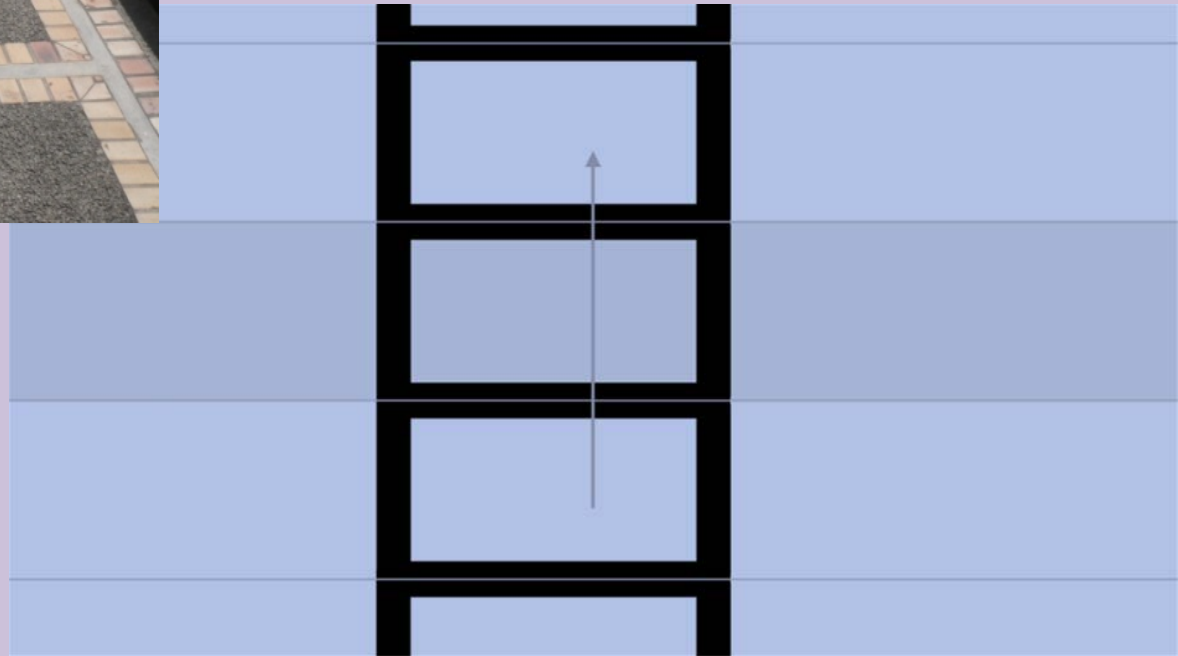
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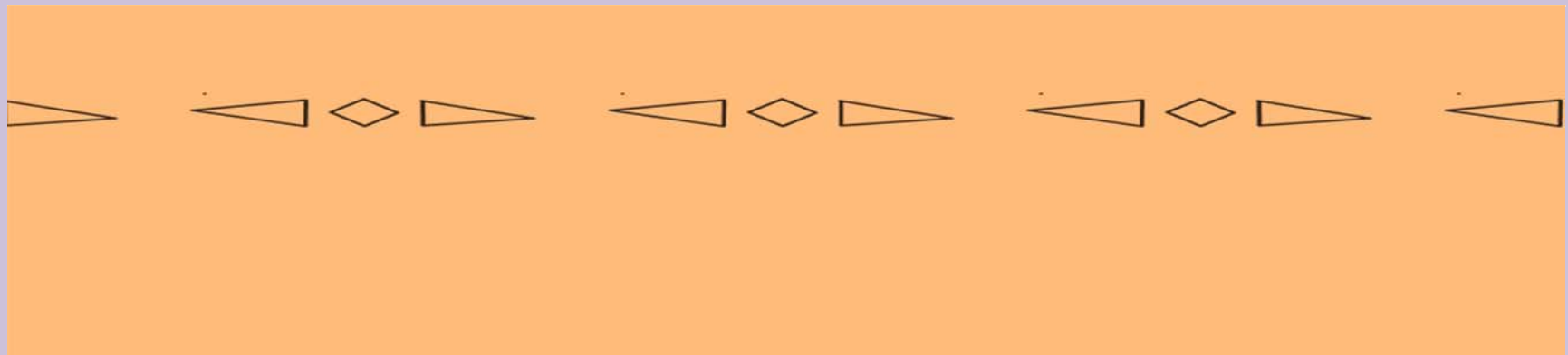
Brasil



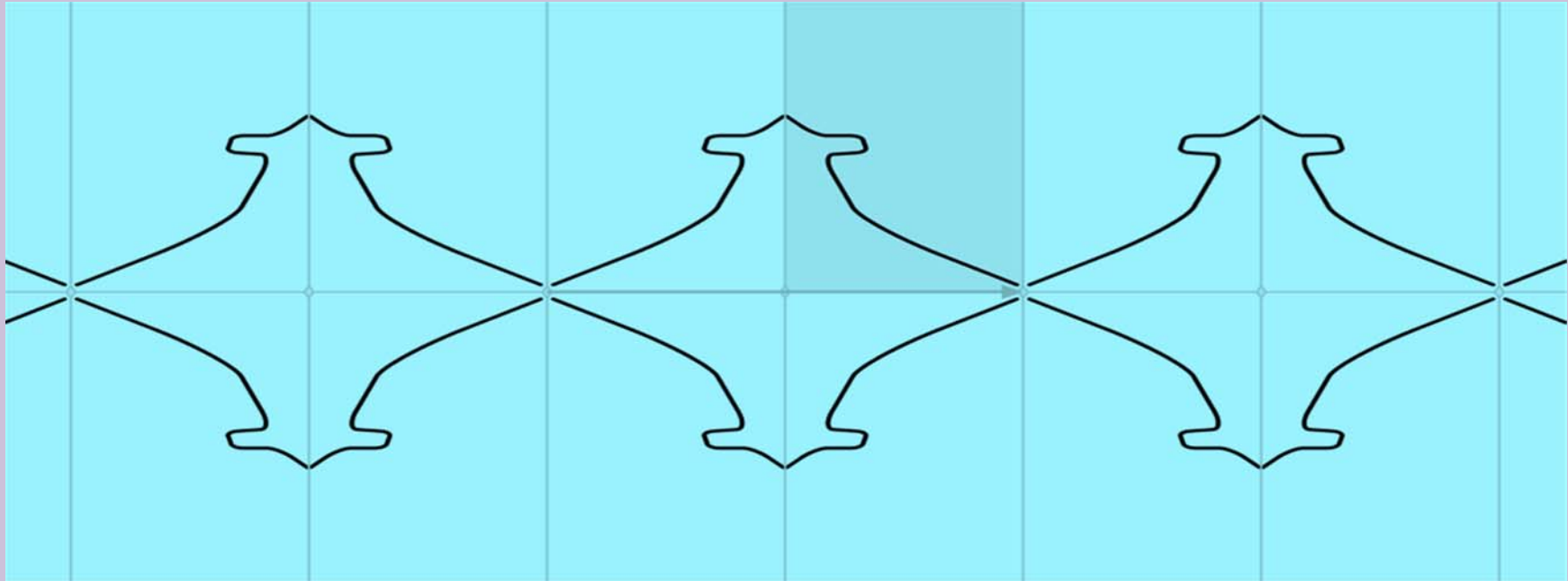
Cidade João Pessoa - Brasil



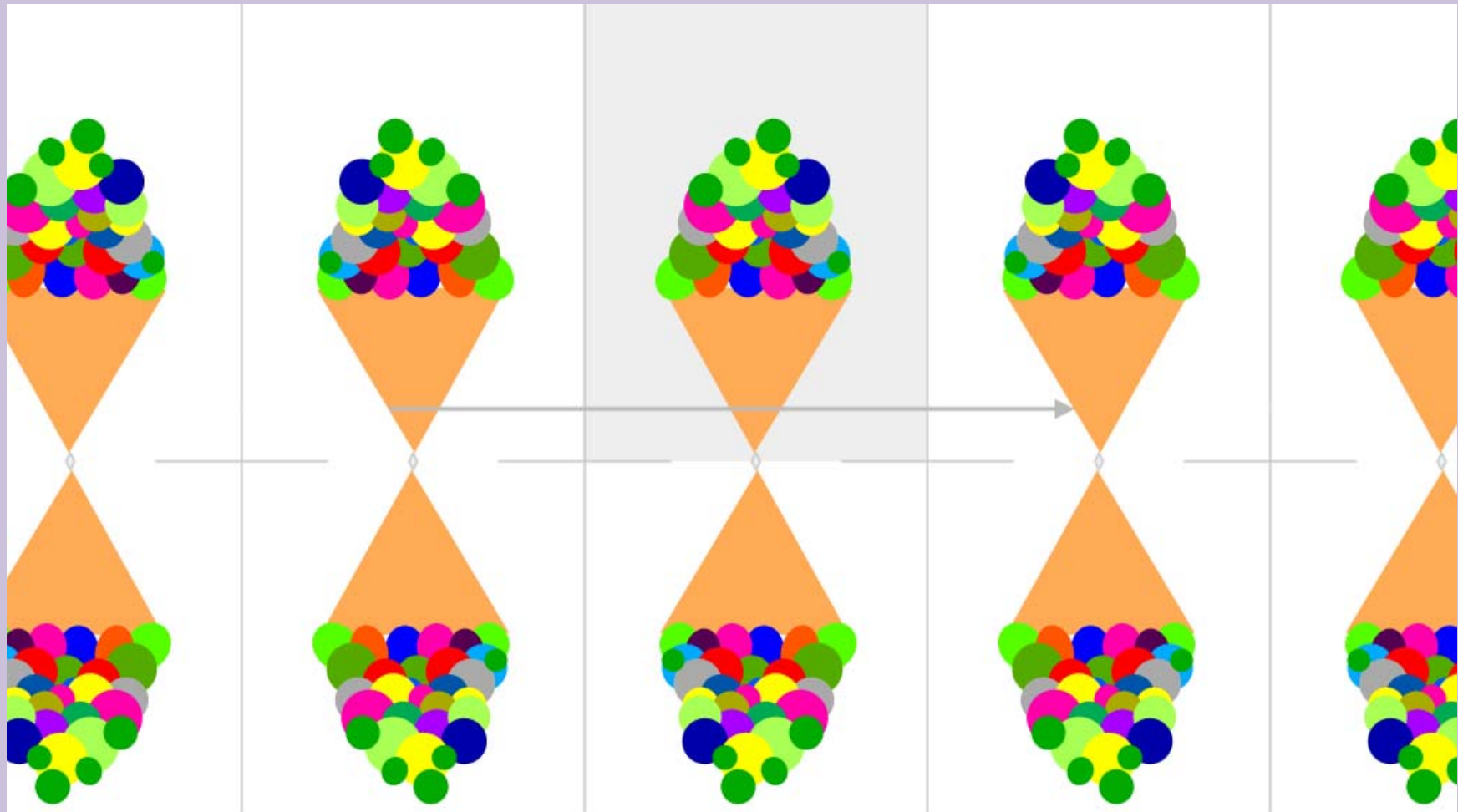
Rua da Memória - Angra



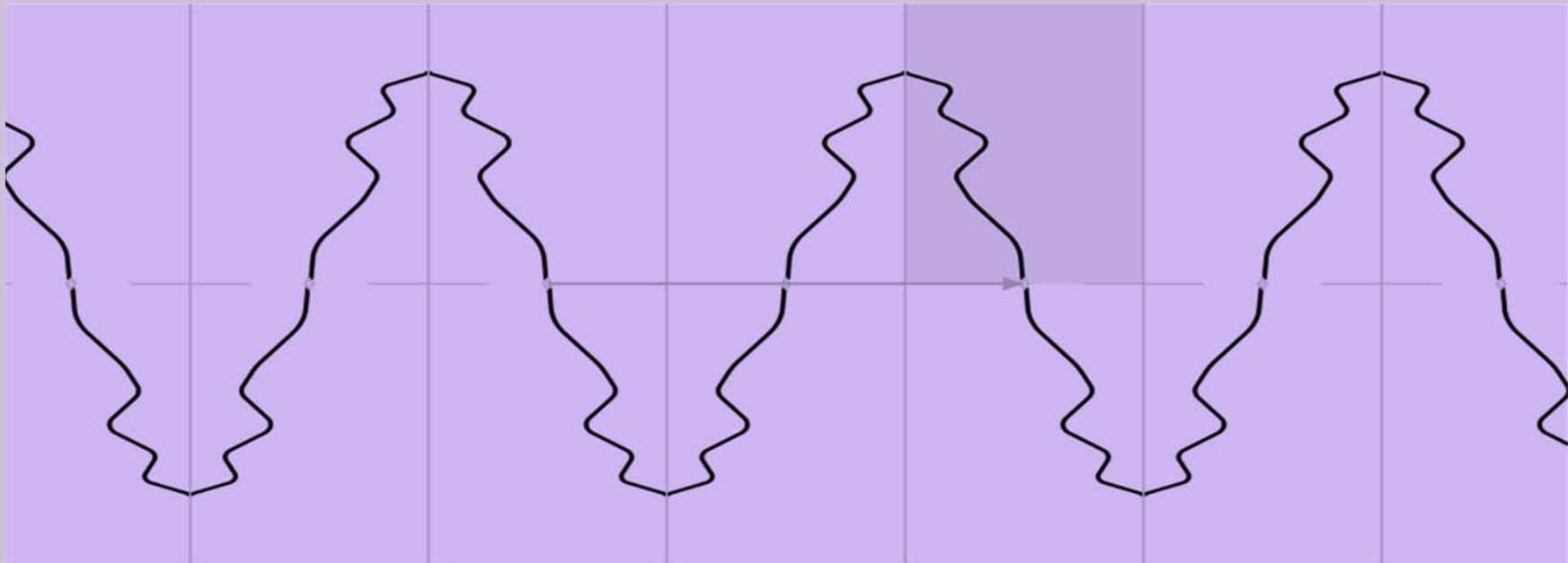
Marrocos



$$F_2^2$$



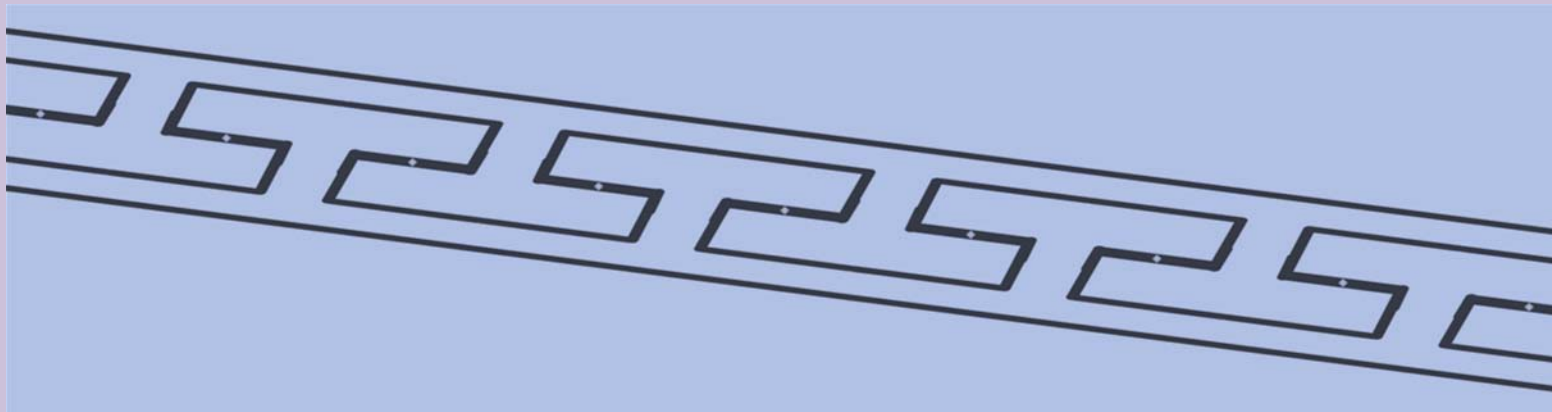
Marrocos



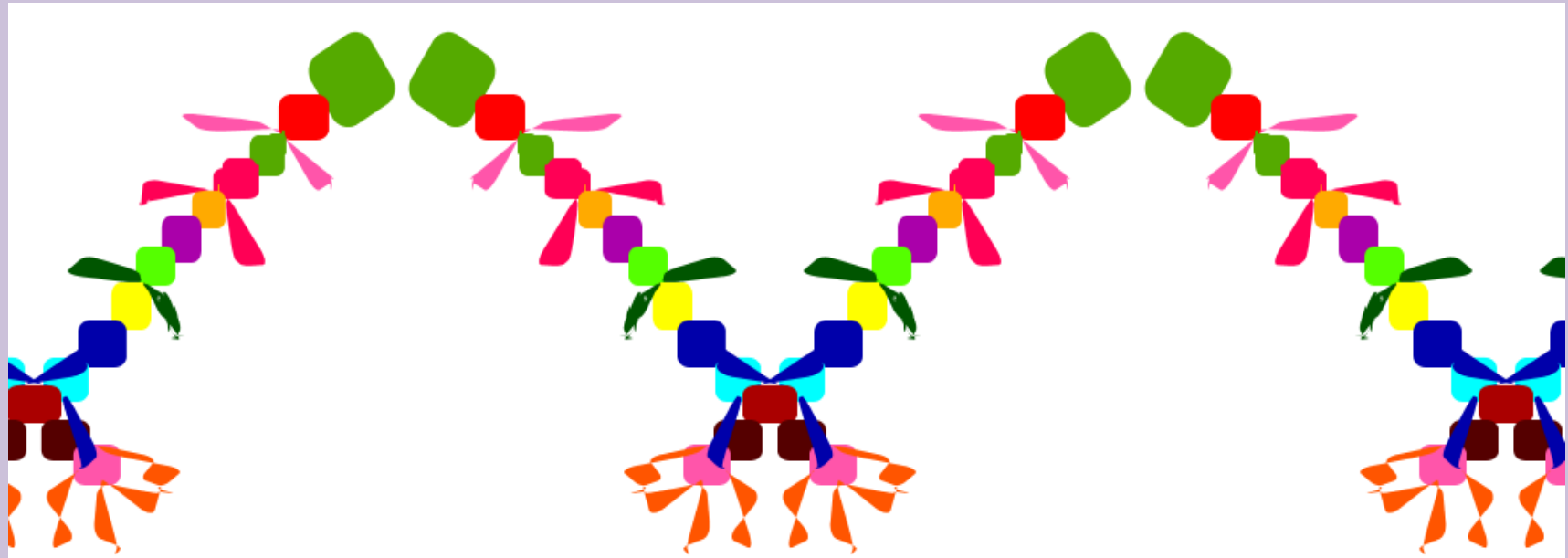
Rua da Boa Vista – Angra



AV.TEN.COR.JOSÉ AGOSTINHO



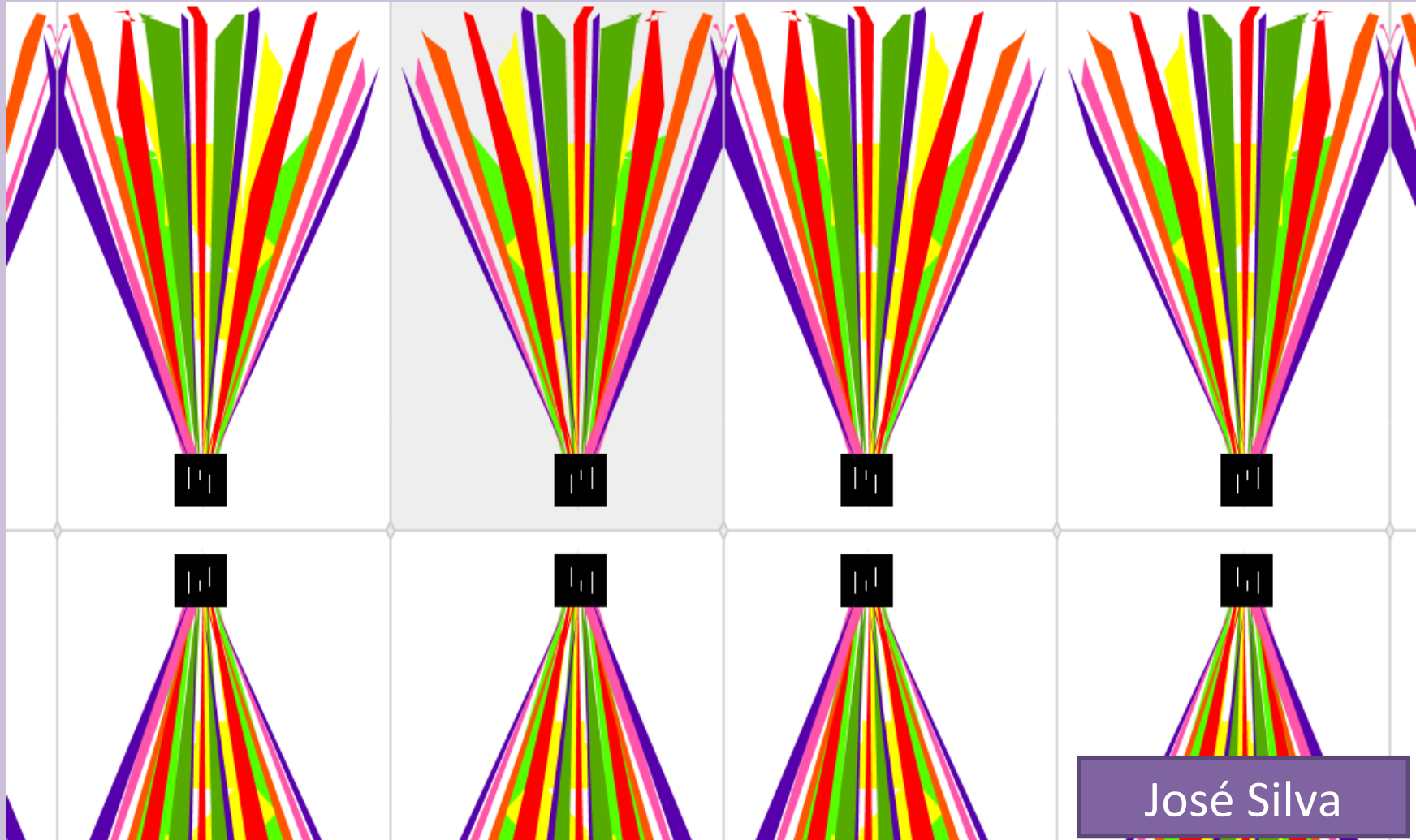
Desenho livre – F_1^2



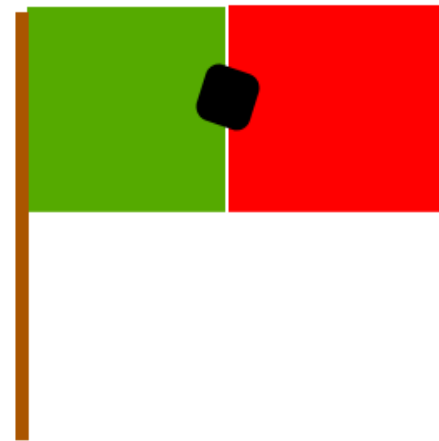
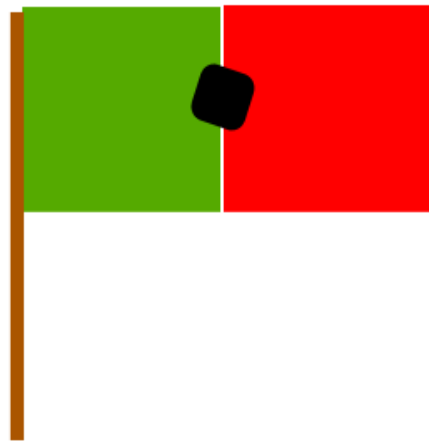
Diana

Fragoso

Desenho livre F_2^1

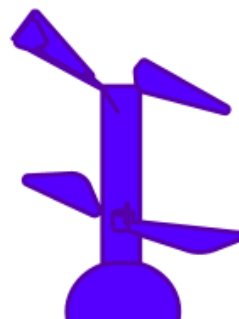
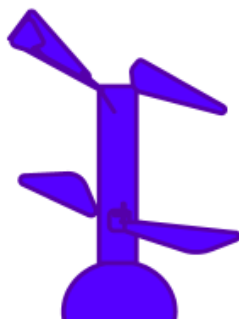
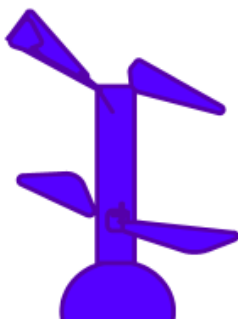
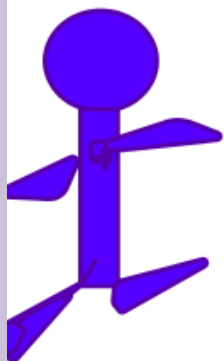


Desenho livre – F₁



Carla Almeida

F_1^3



O Grupo

Desenho livre F_2^2 - Cláudia

