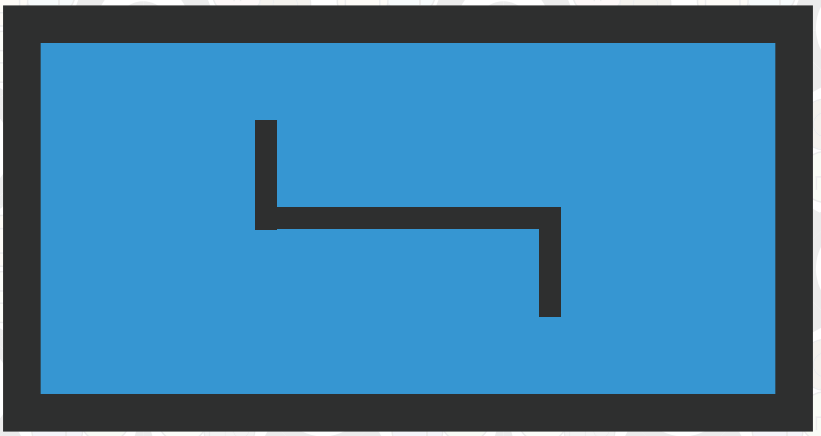
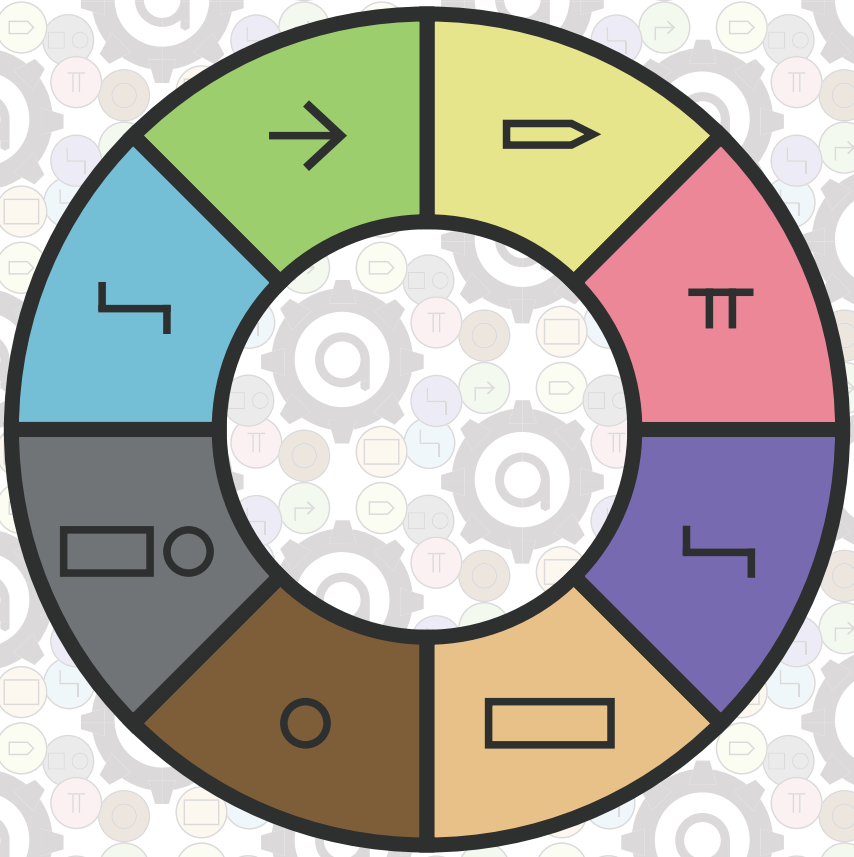
Connector

ConRE



Connector



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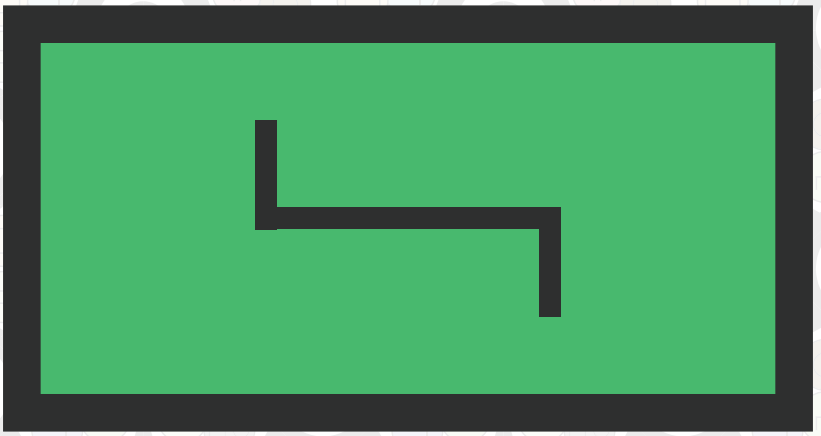
ConRE′



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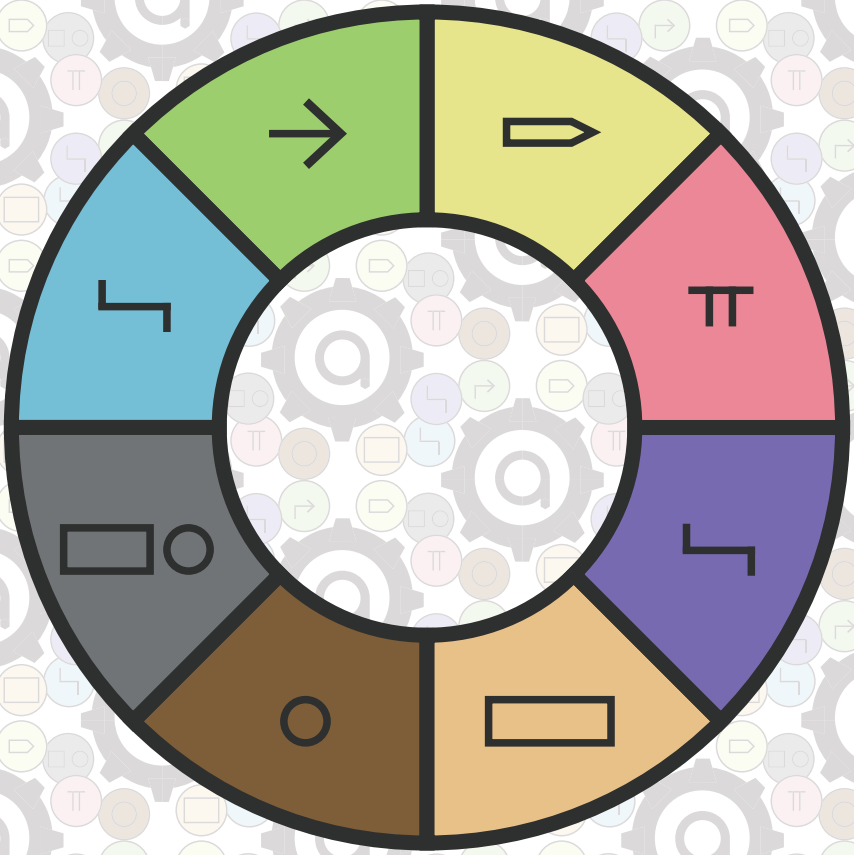
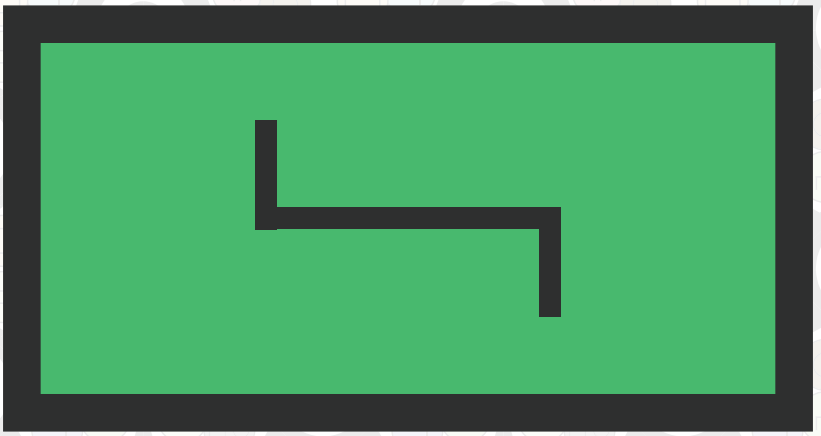


Connector

ConRE′



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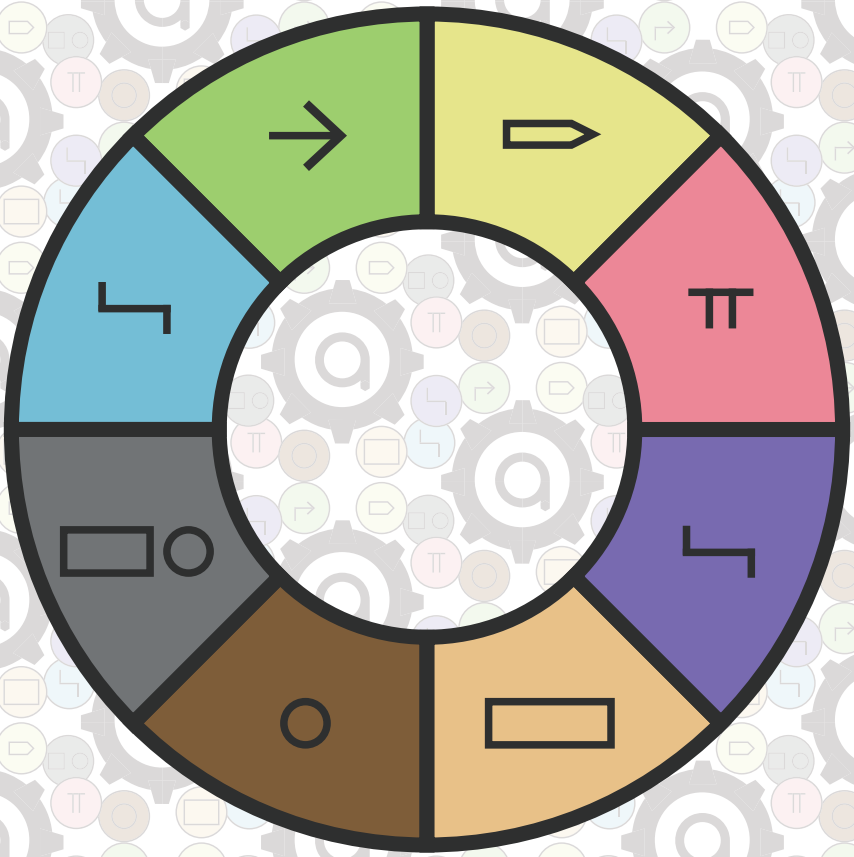
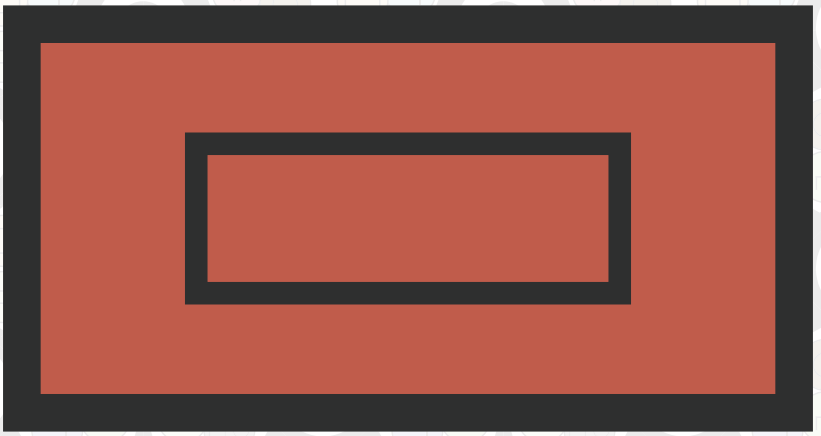


S. c. Marker

URA3



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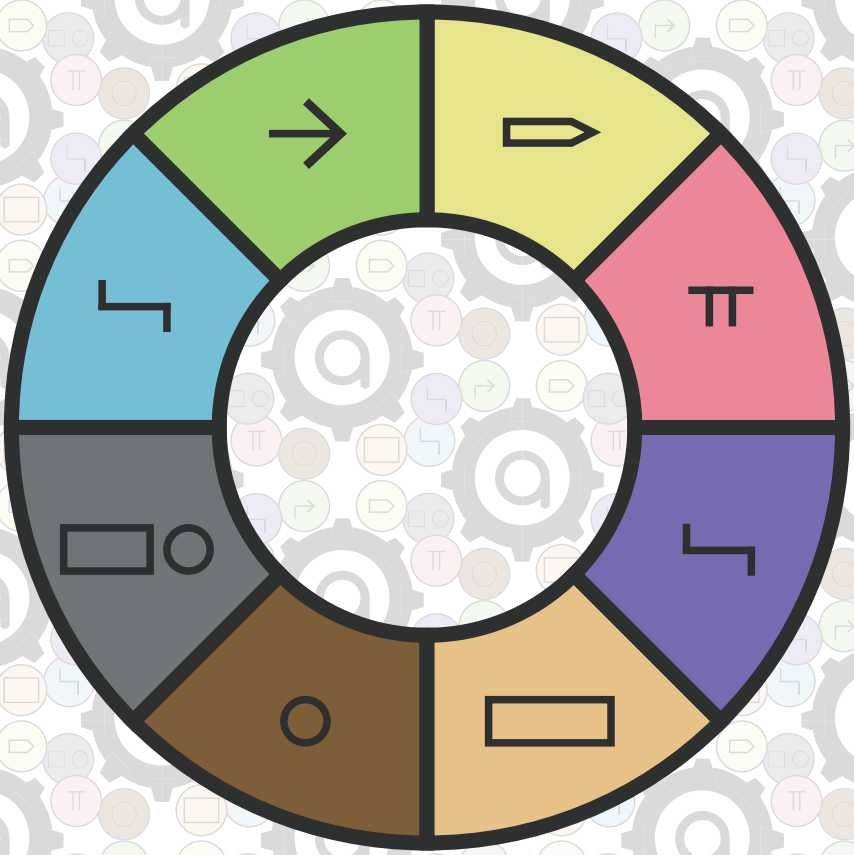
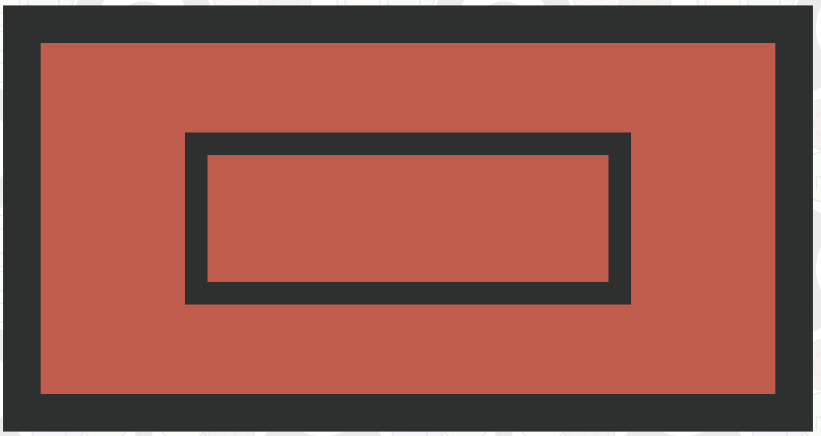


S. c. Marker

LEU2



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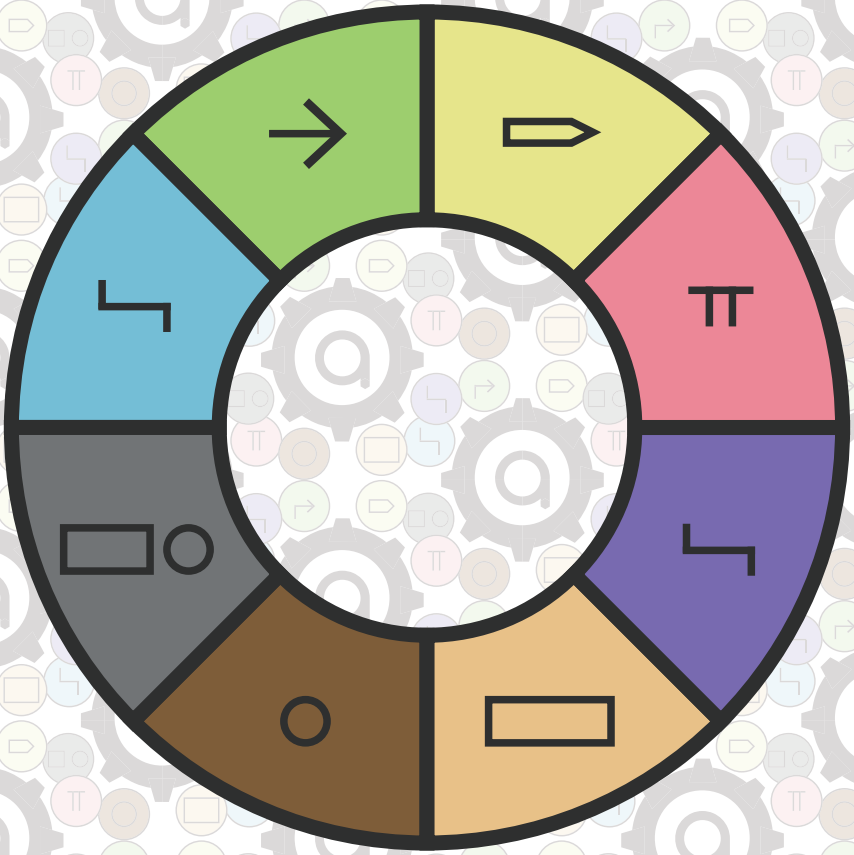
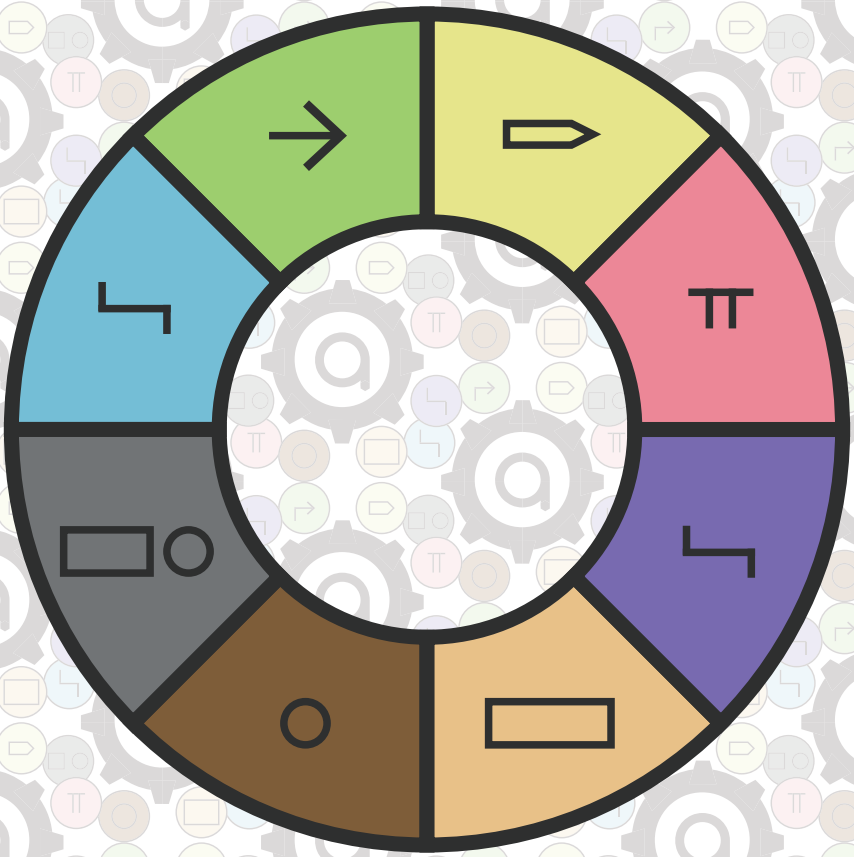


S. c. Marker

HIS3

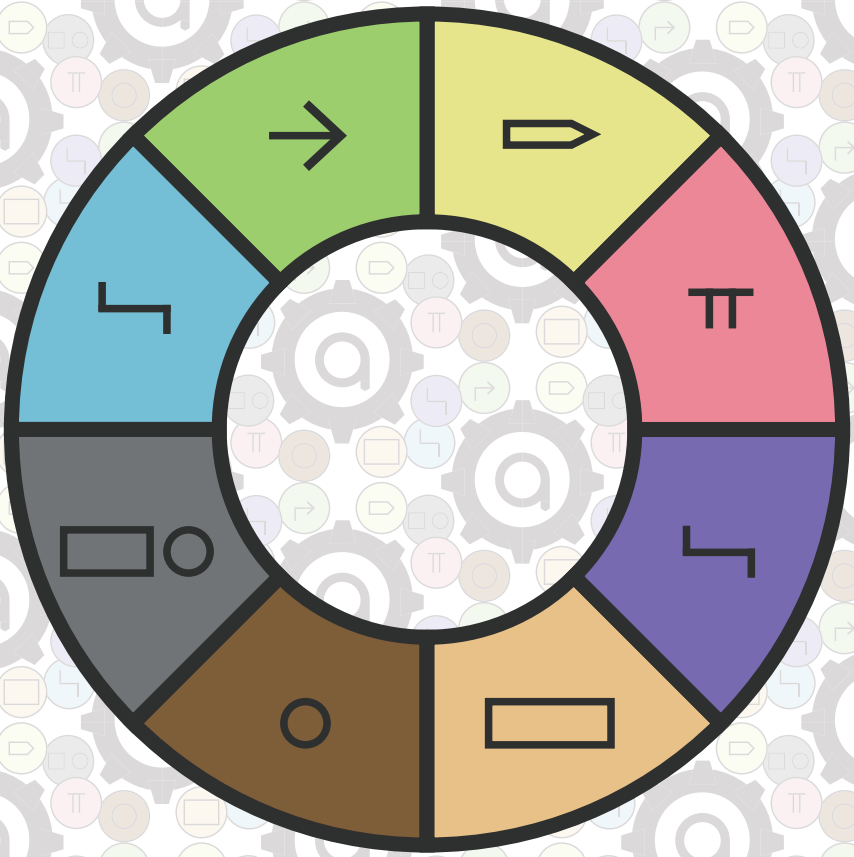
S. c. Marker



S. c. Marker

KanR

S. c. Marker



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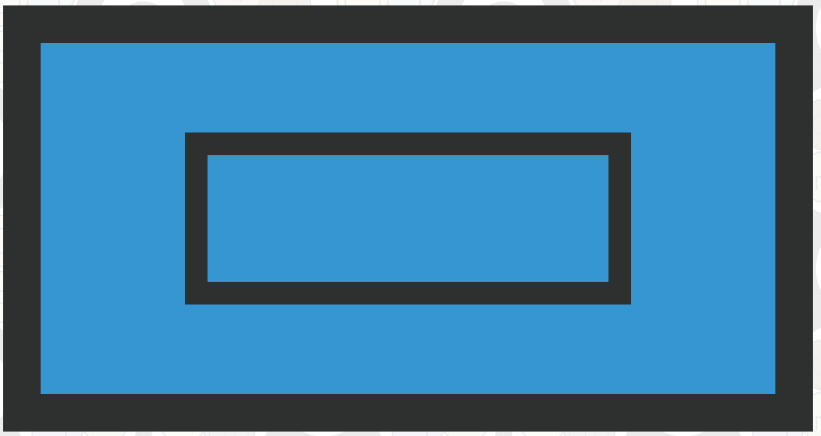
NatR



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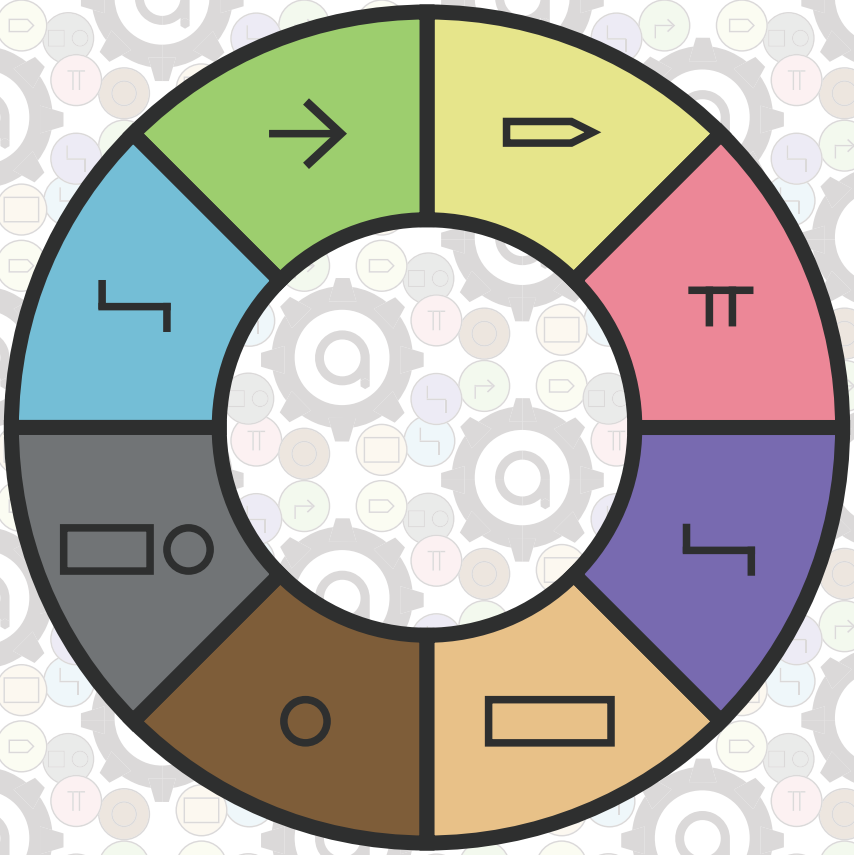

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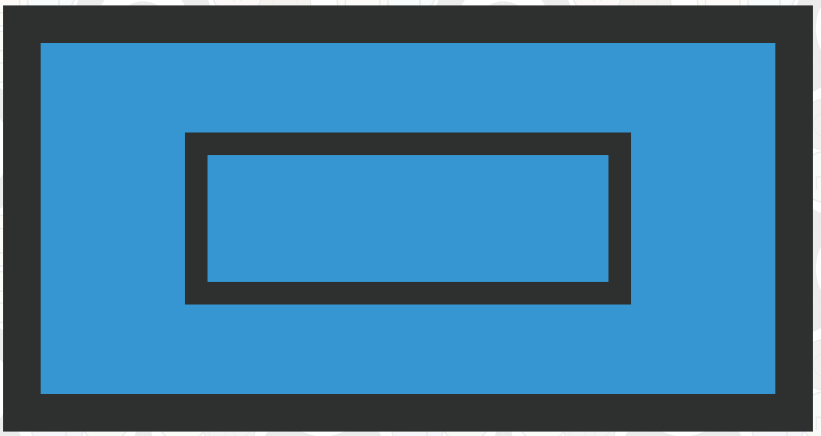
HygR



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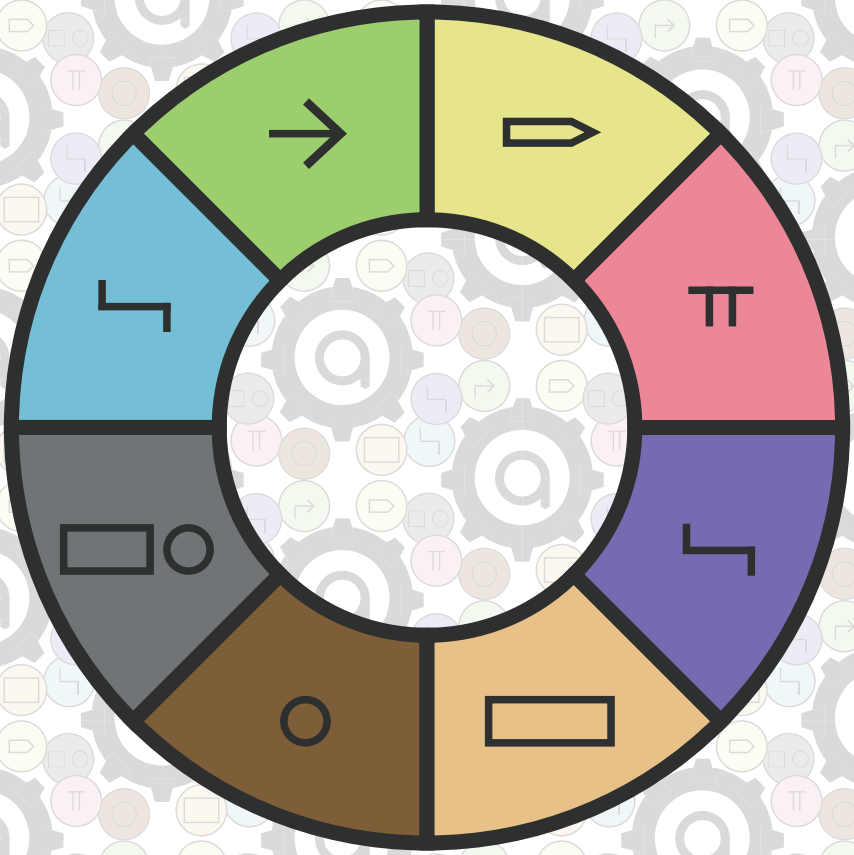
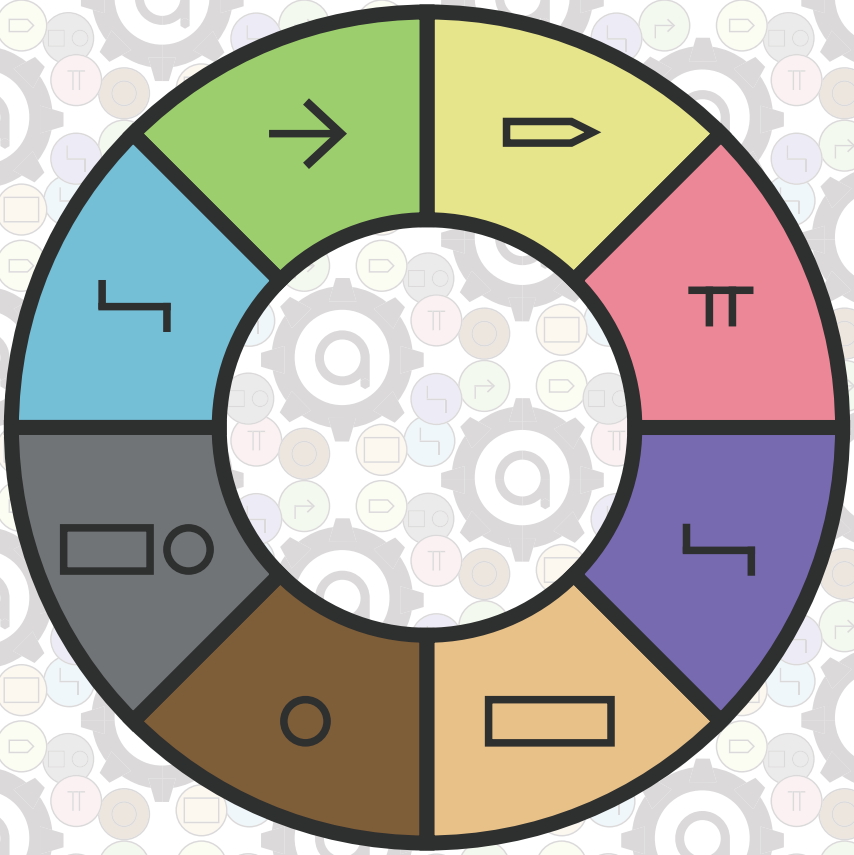


S. c. Marker

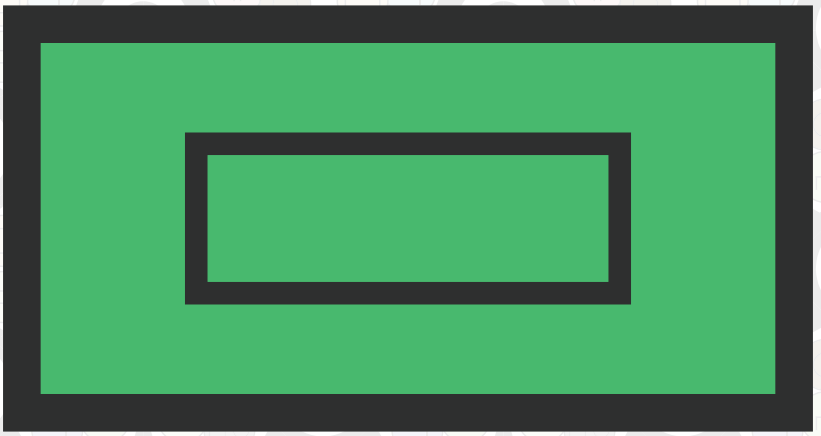
ZeoR

S. c. Marker



S. c. Marker

ZeoR



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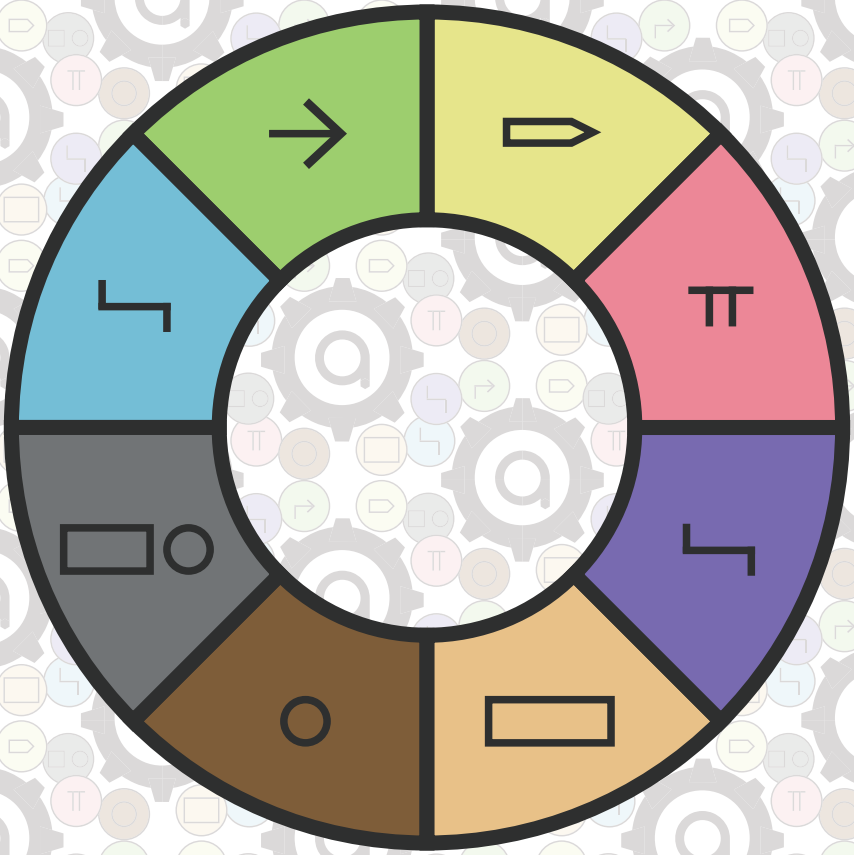
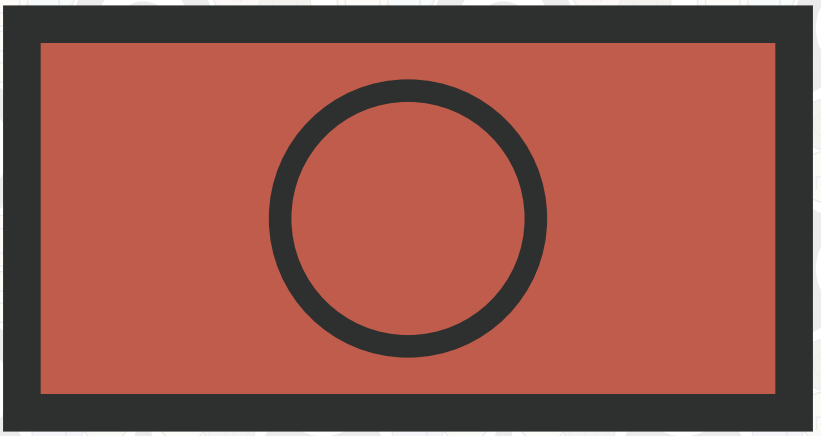


S. c. Origin

CEN6/ARS4



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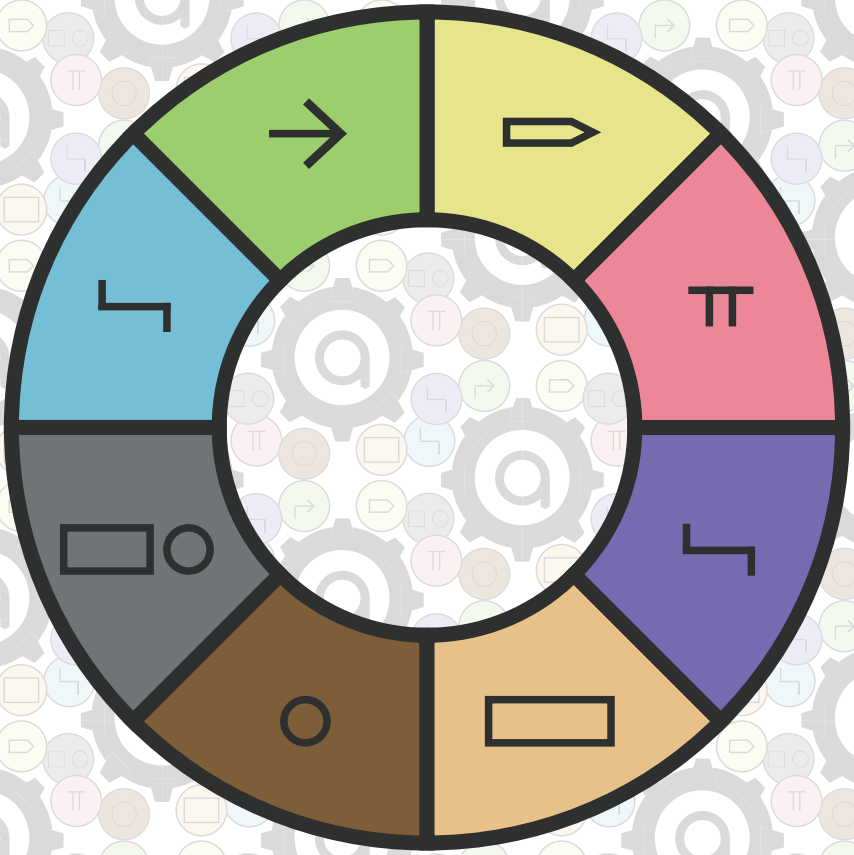

S. c. Origin

CEN6/ARS4

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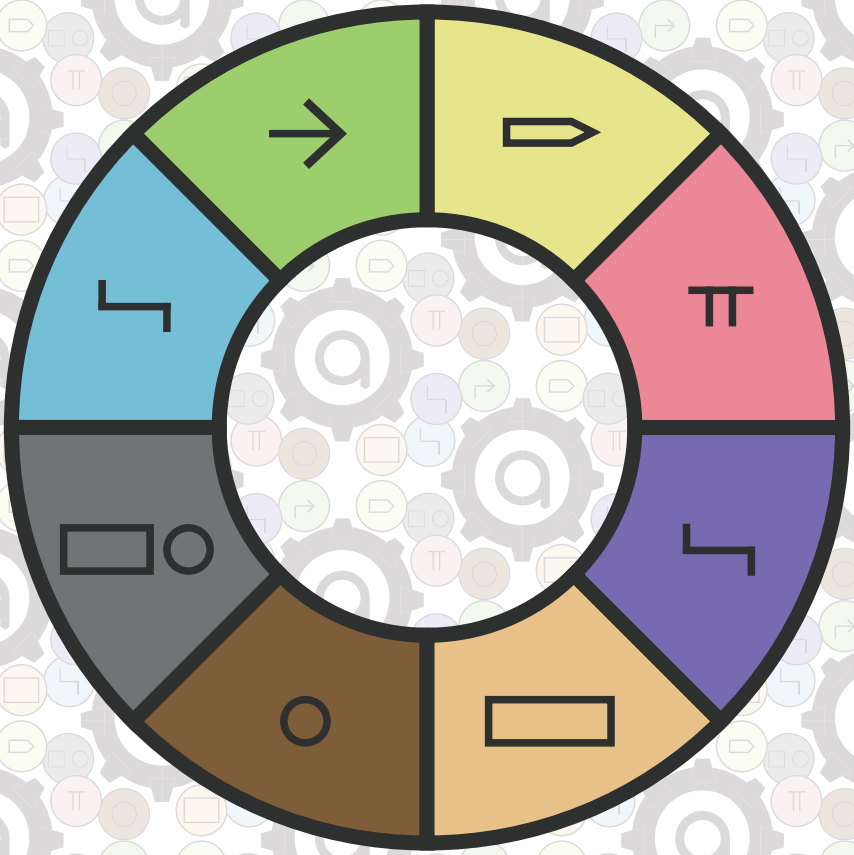
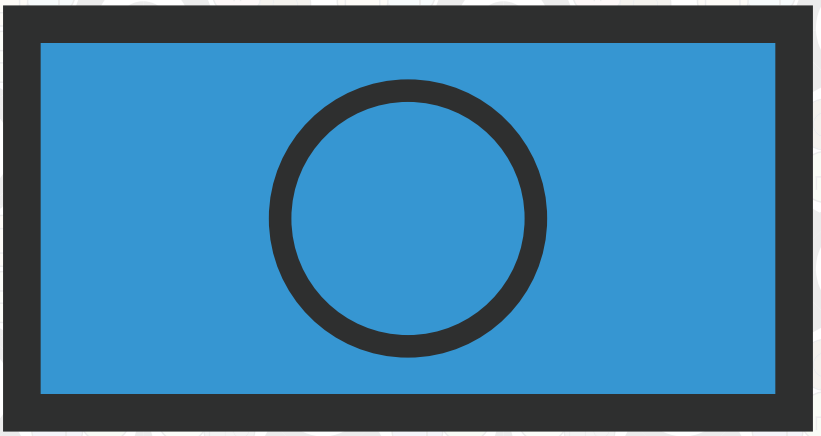


S. c. Origin

2micron



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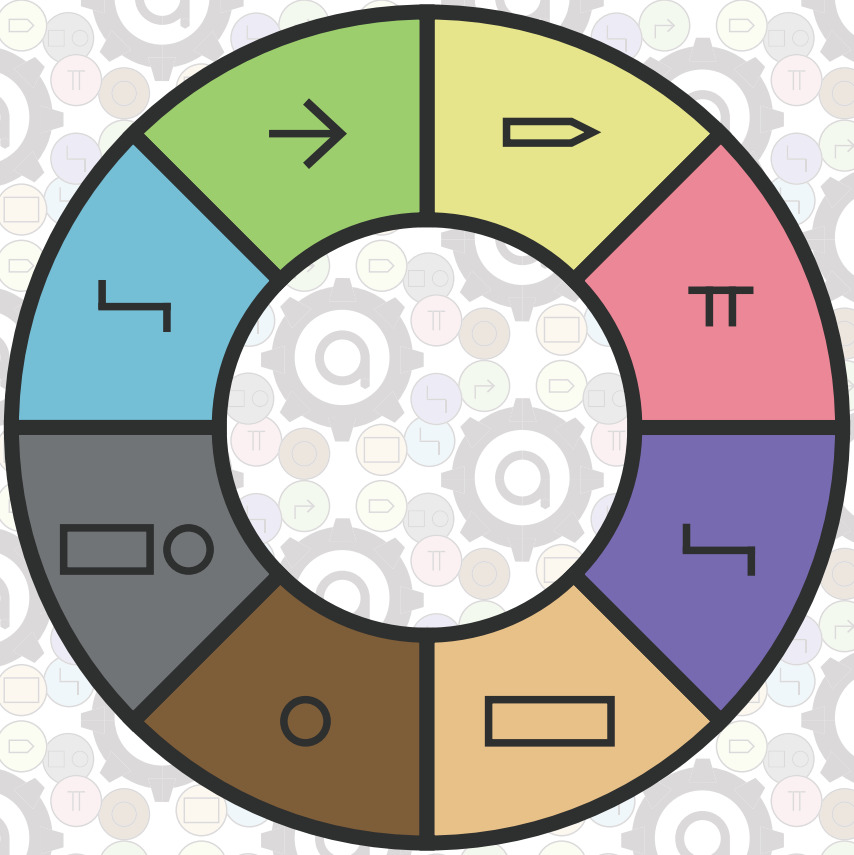

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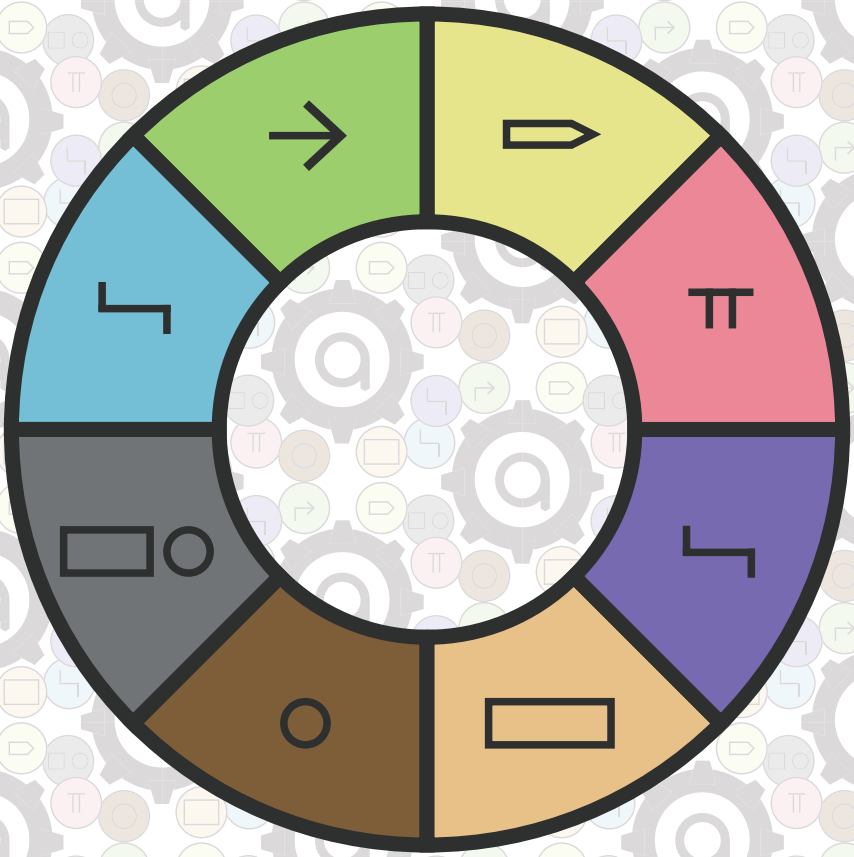
2micron

S. c. Origin



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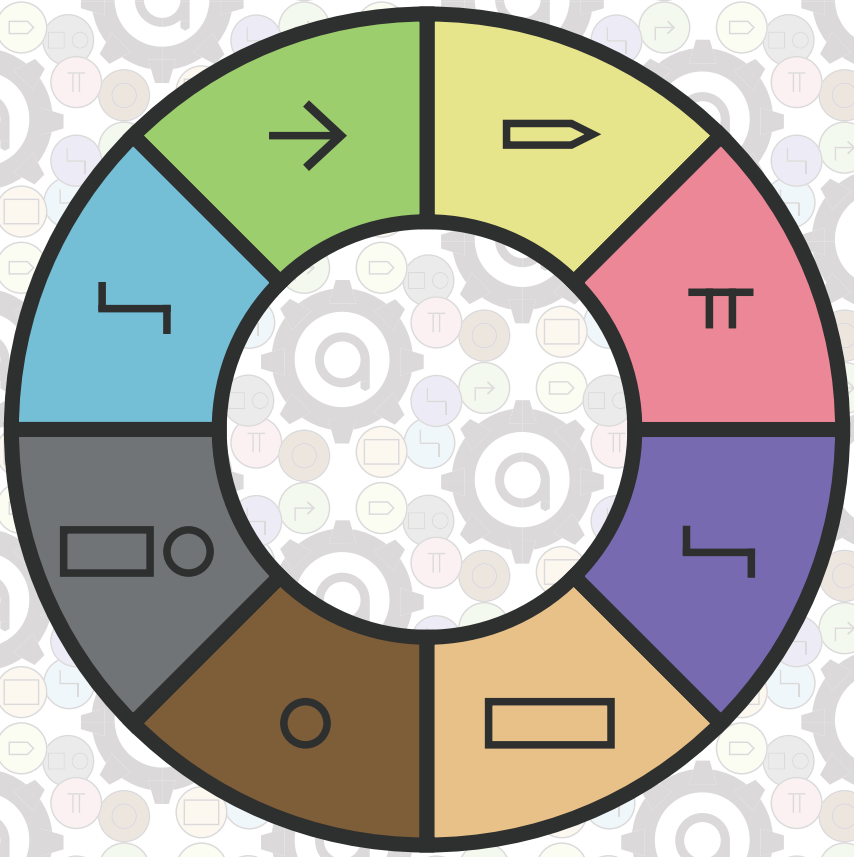
2micron

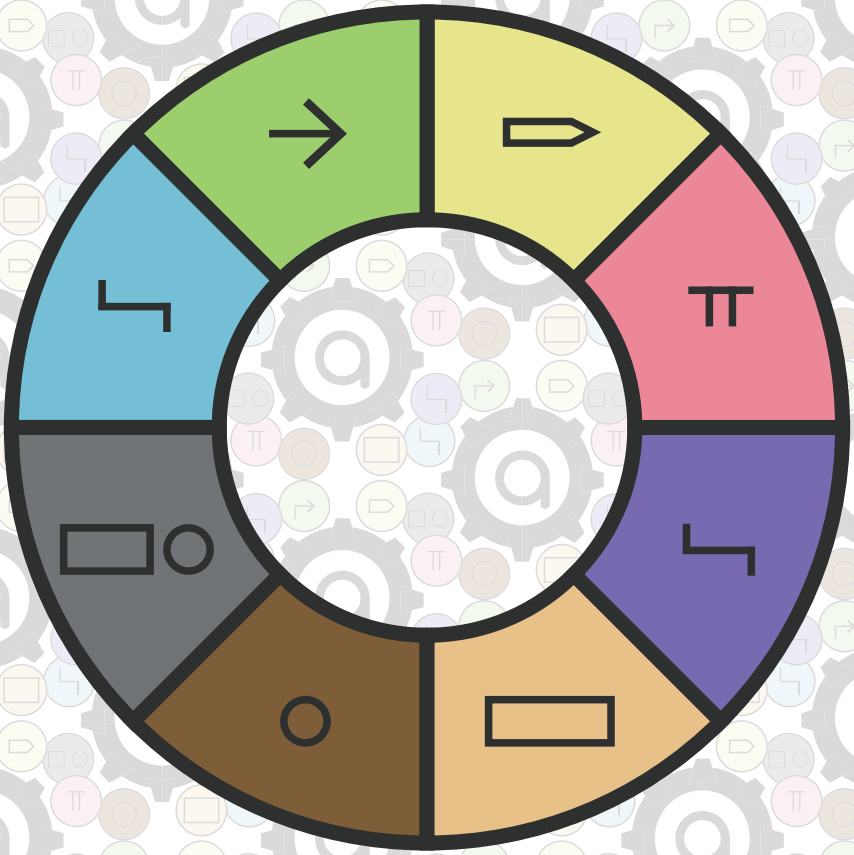
S. c. Origin



S. c. Origin

2micron

S. c. Origin



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CEN6/ARS4

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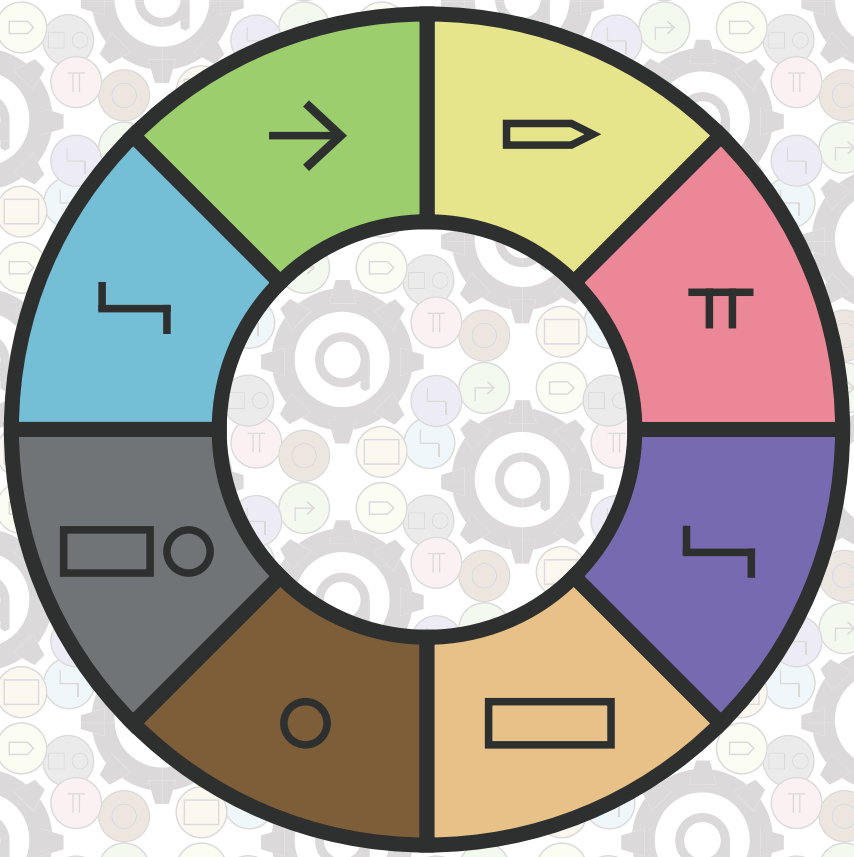
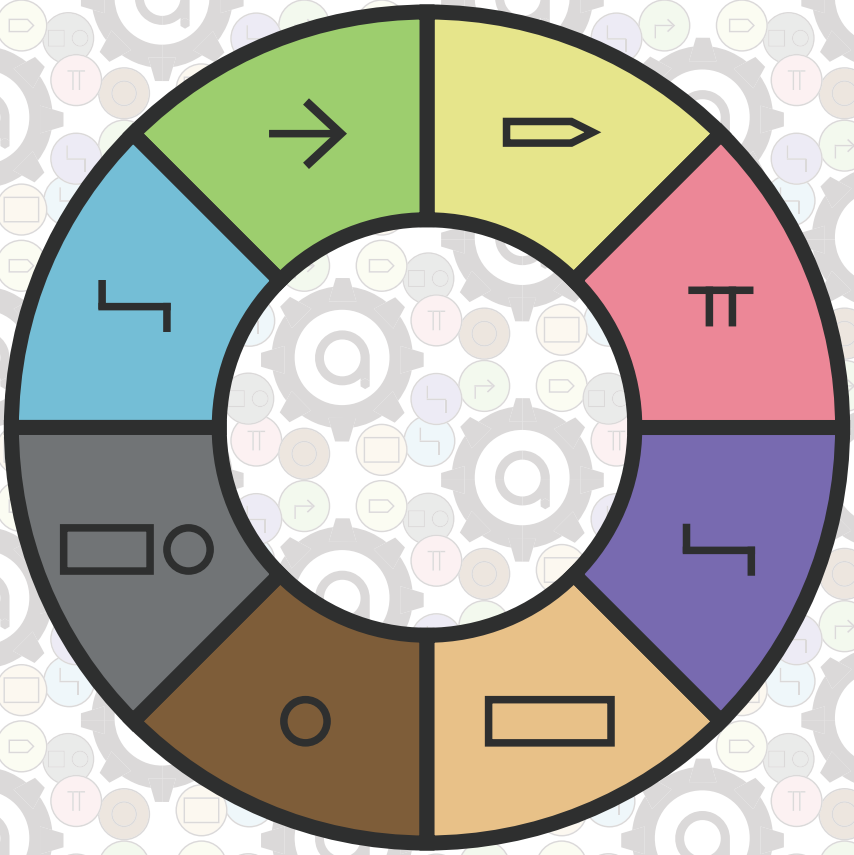


S. c. Origin

CEN6/ARS4

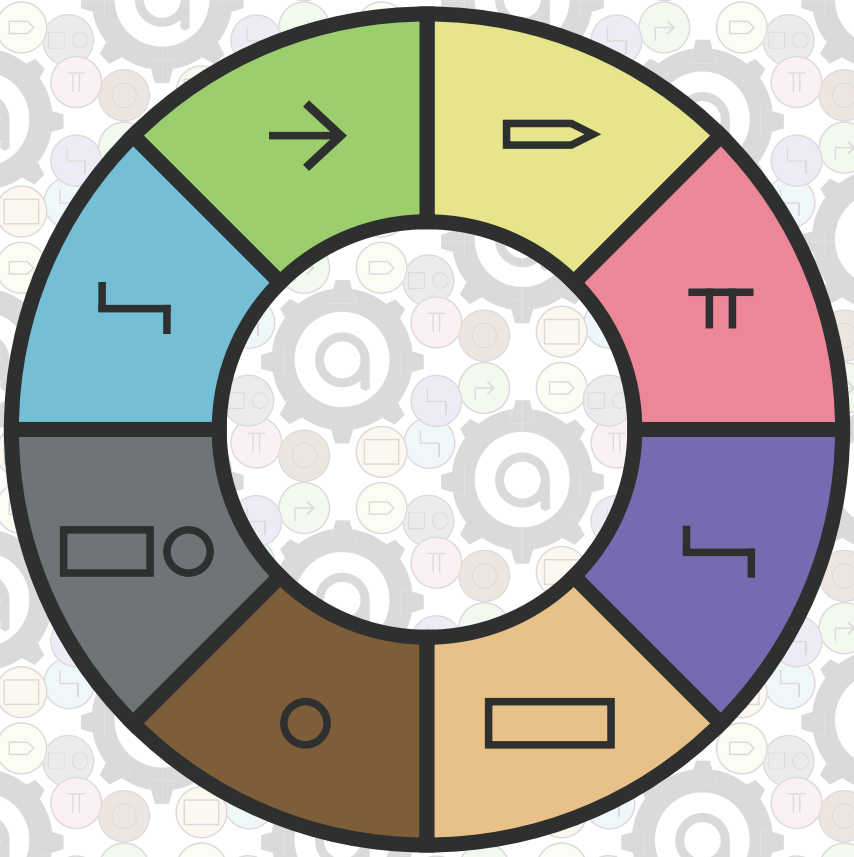
S. c. Origin



E. c. Marker and Origin

AmpR-ColE1

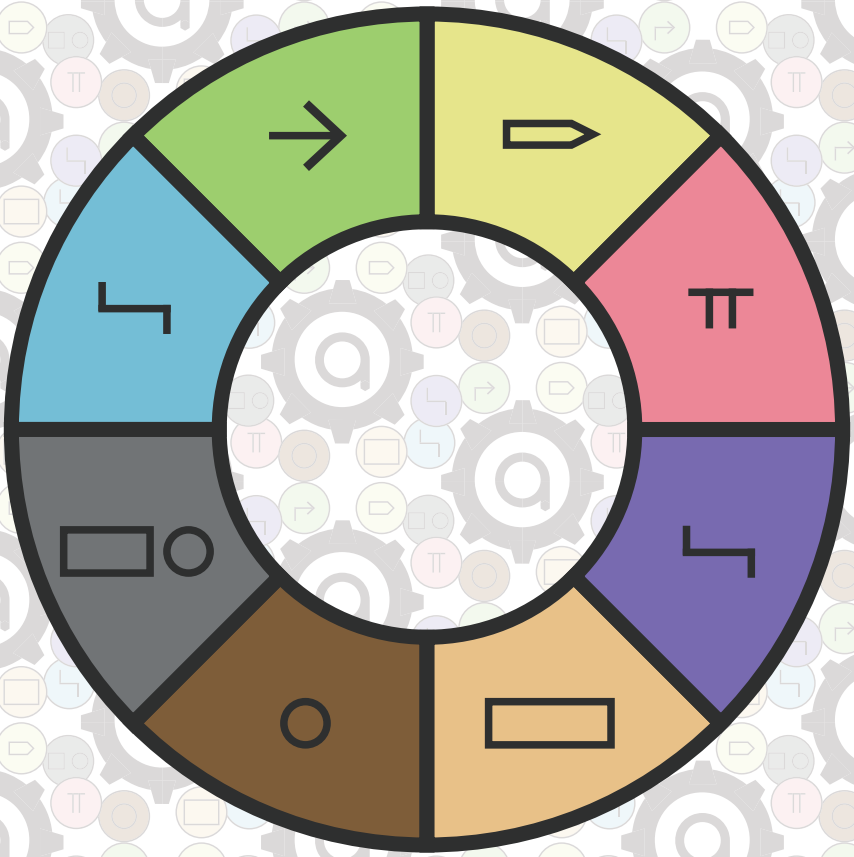
E. c. Marker and Origin



E. c. Marker and Origin

AmpR-ColE1

E. c. Marker and Origin



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CanR-ColE1

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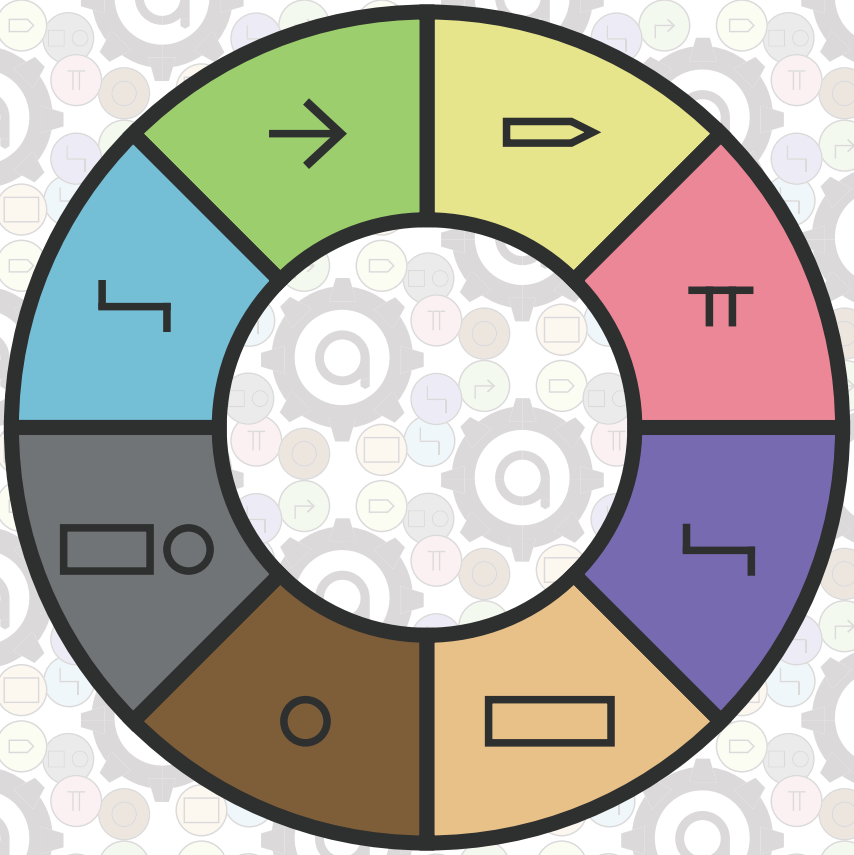

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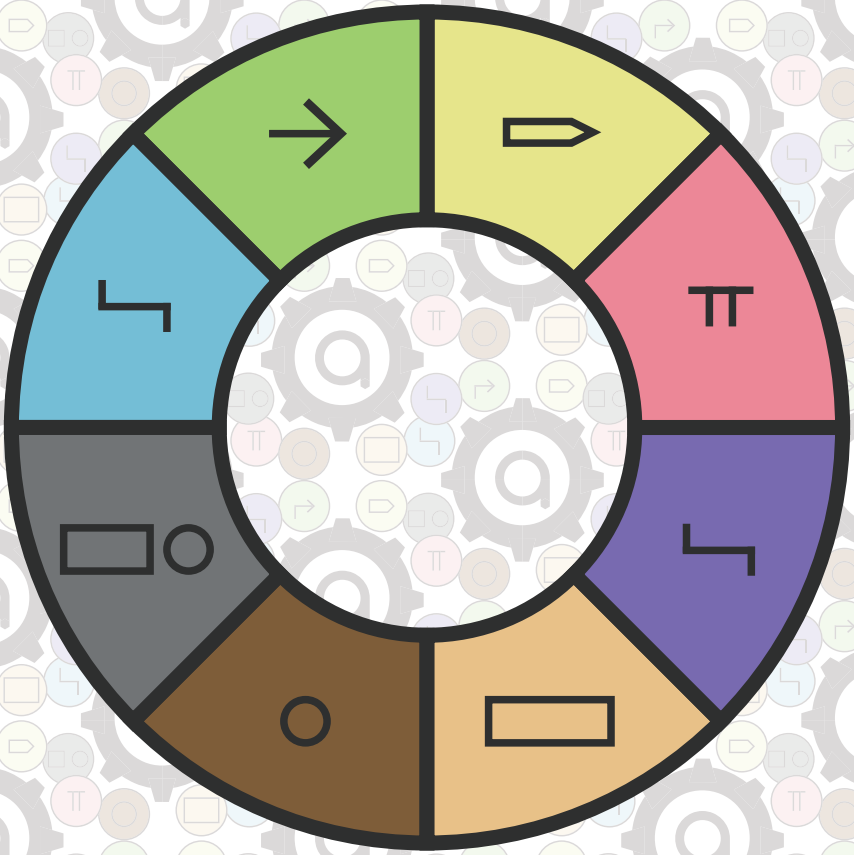
CanR-ColE1

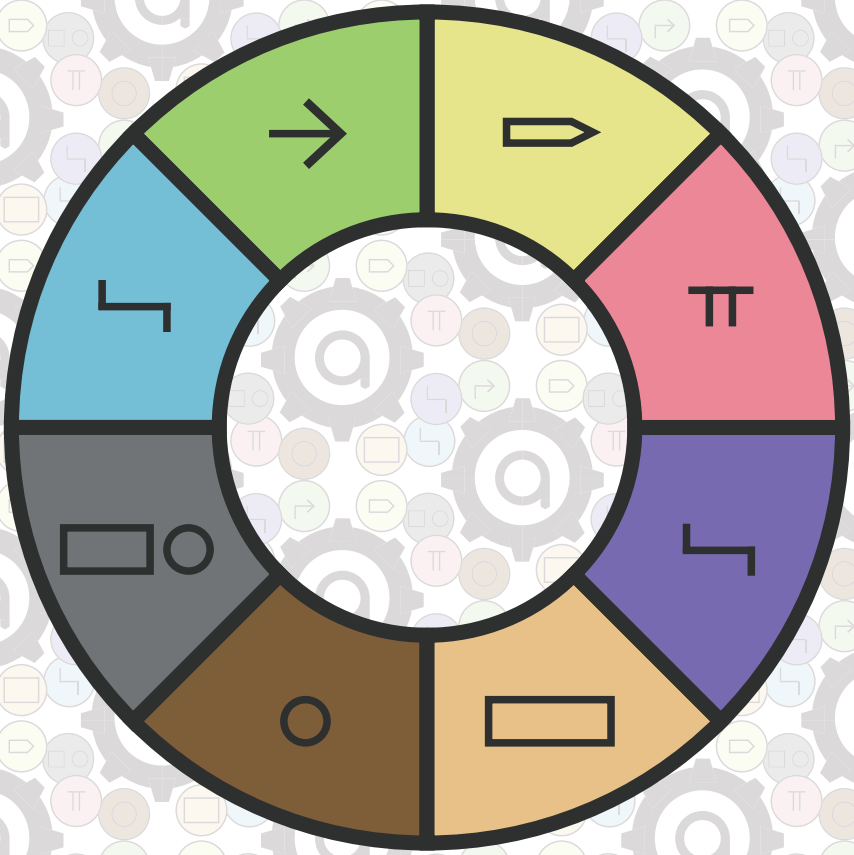
E. c. Marker and Origin



E. c. Marker and Origin

SpecR-ColE1

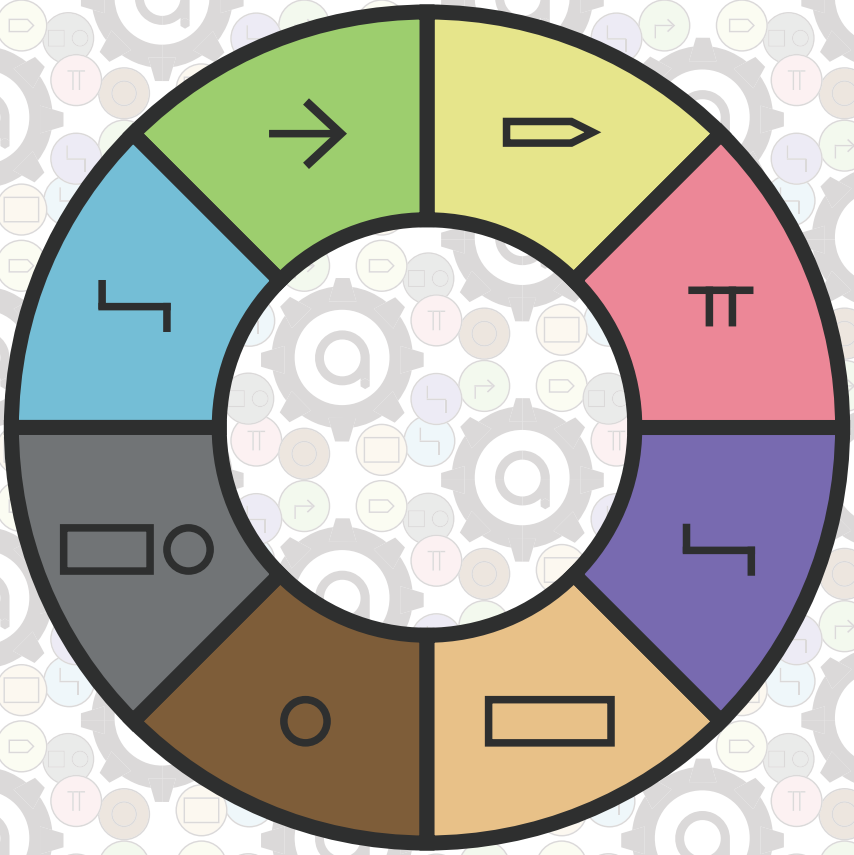
E. c. Marker and Origin



E. c. Marker and Origin

SpecR-ColE1

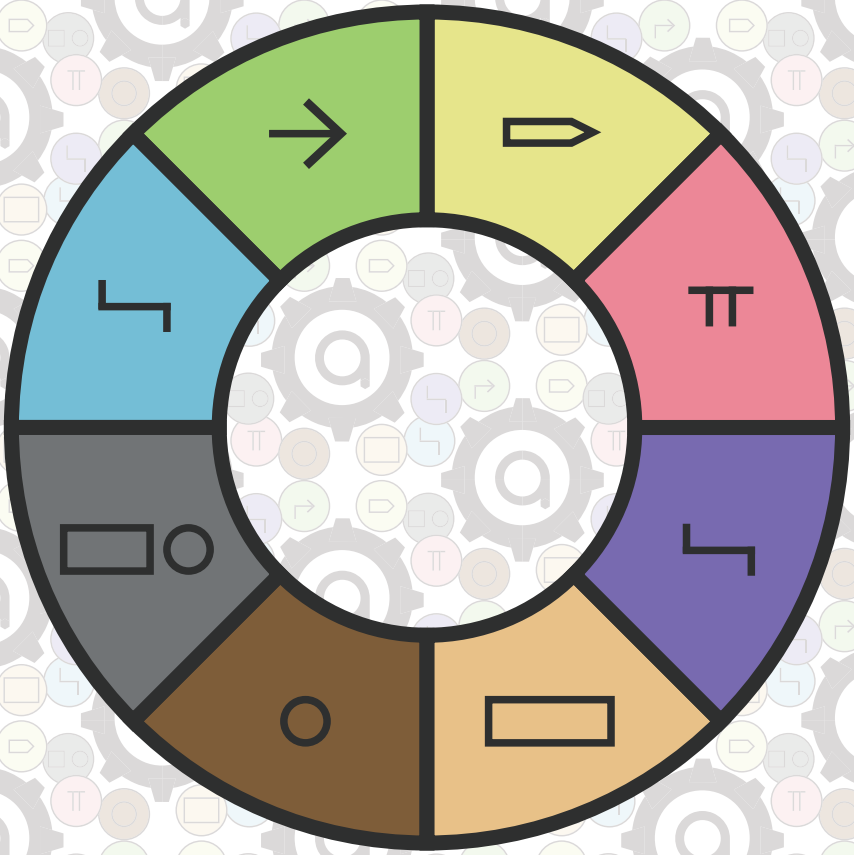
E. c. Marker and Origin



E. c. Marker and Origin

AmpR-ColE1

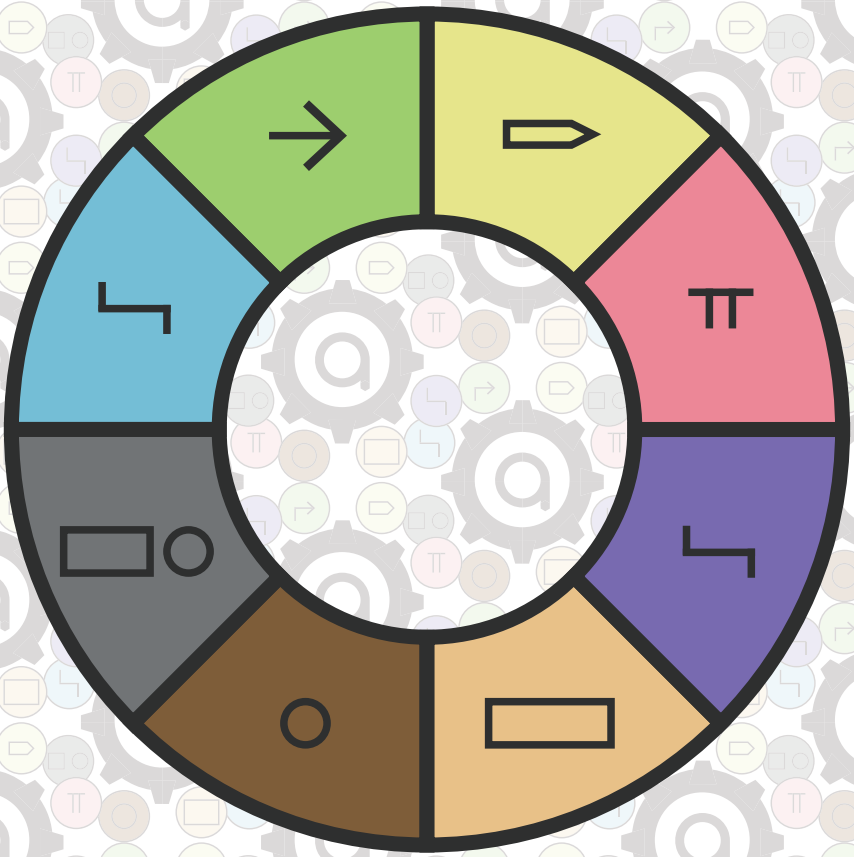
E. c. Marker and Origin



E. c. Marker and Origin

CanR-ColE1

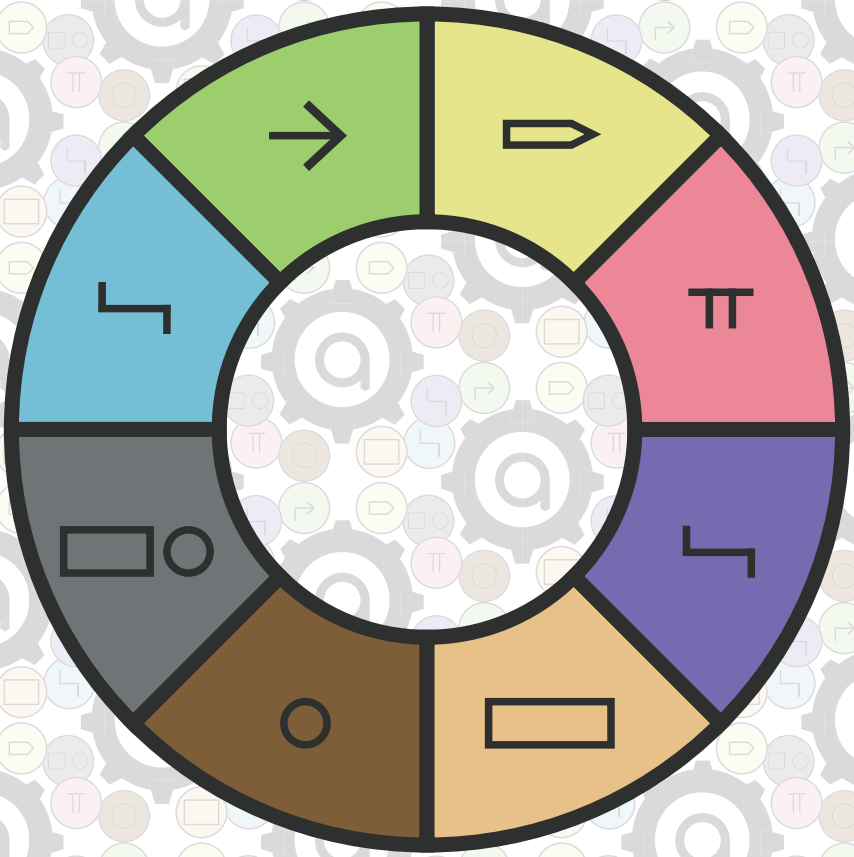
E. c. Marker and Origin



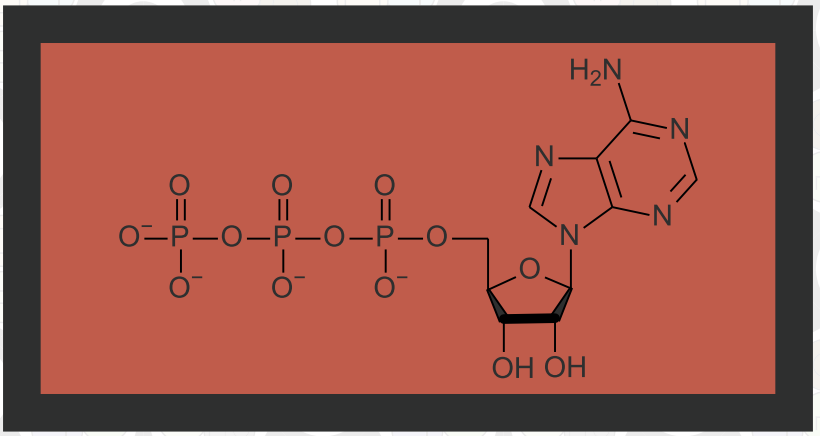
E. c. Marker and Origin

SpecR-ColE1

E. c. Marker and Origin



ATP



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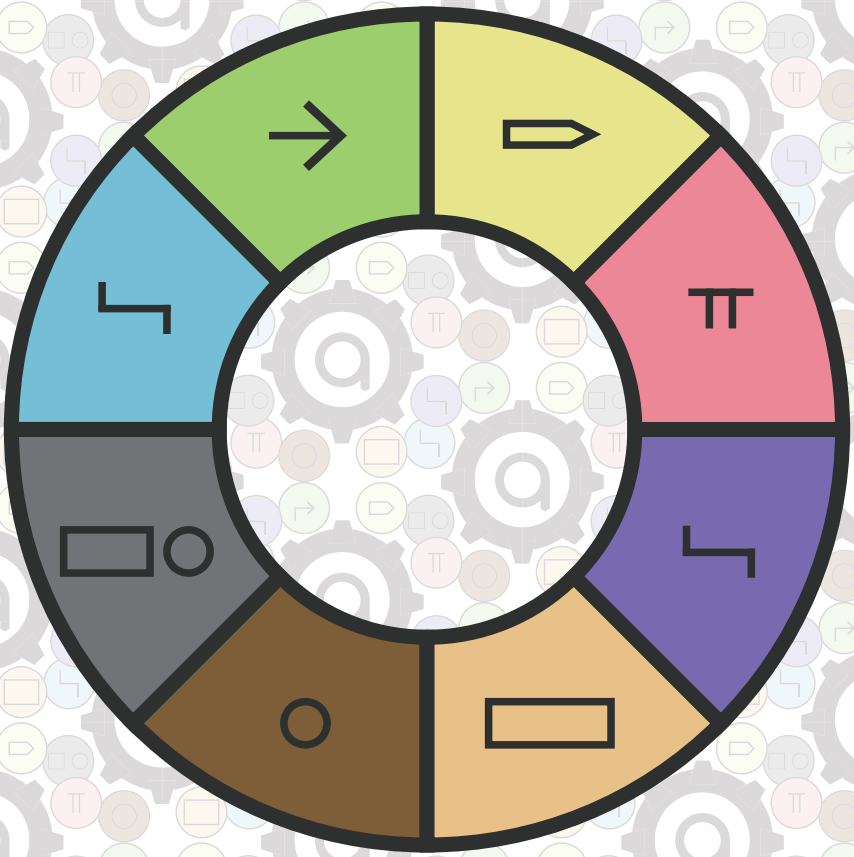

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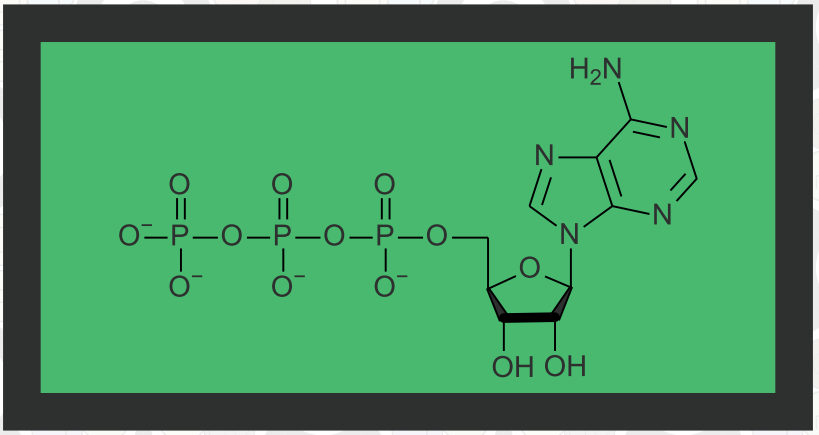

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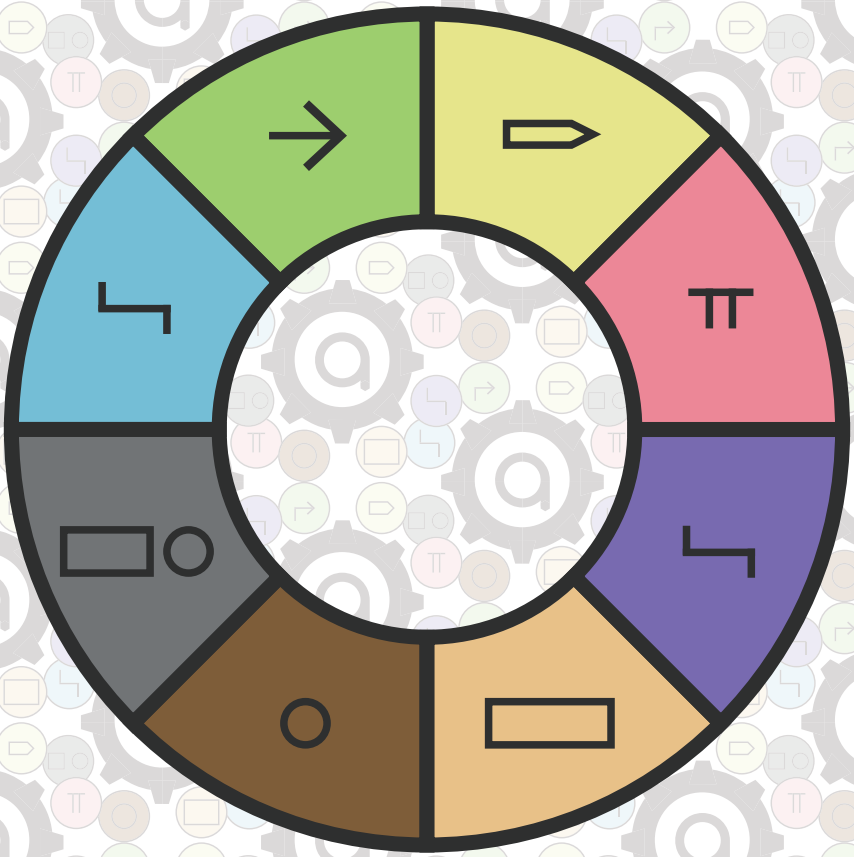

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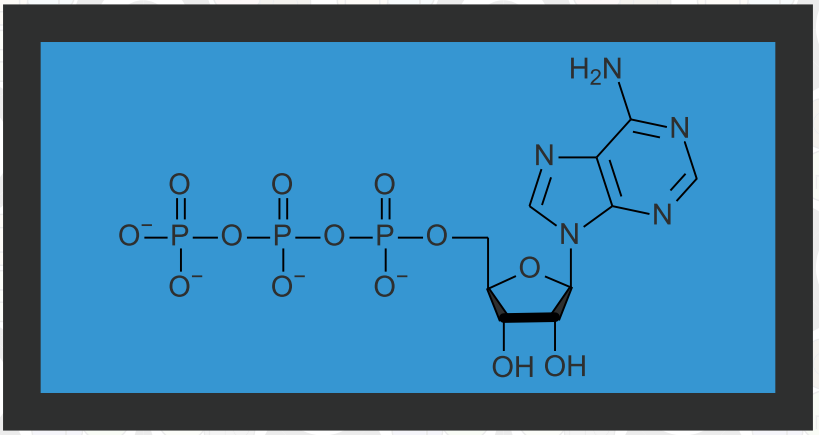

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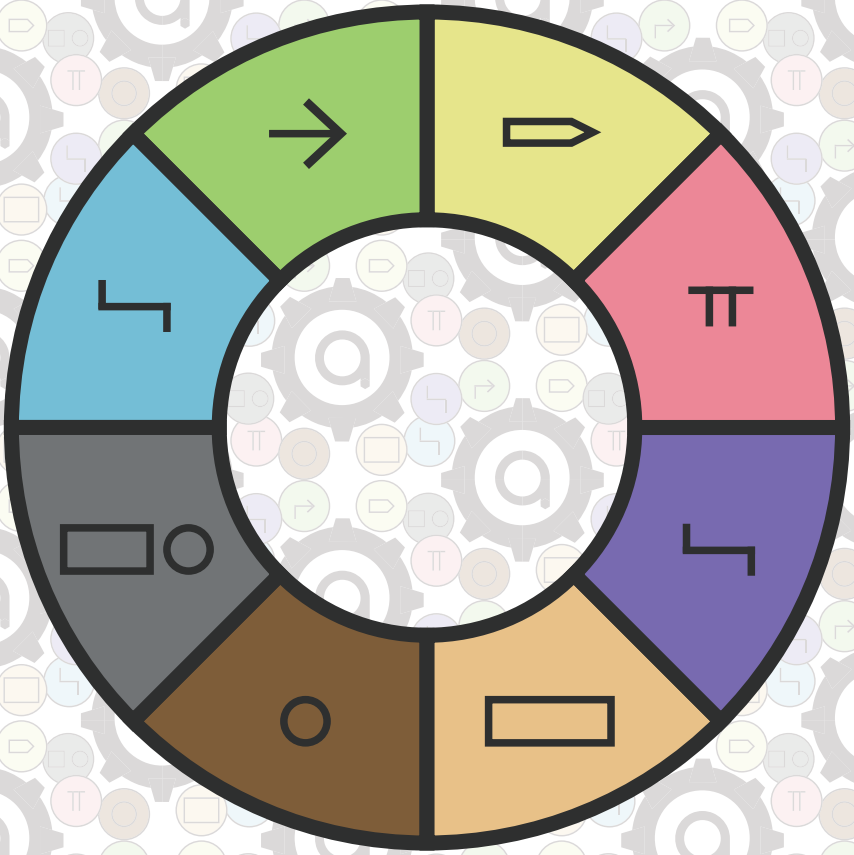

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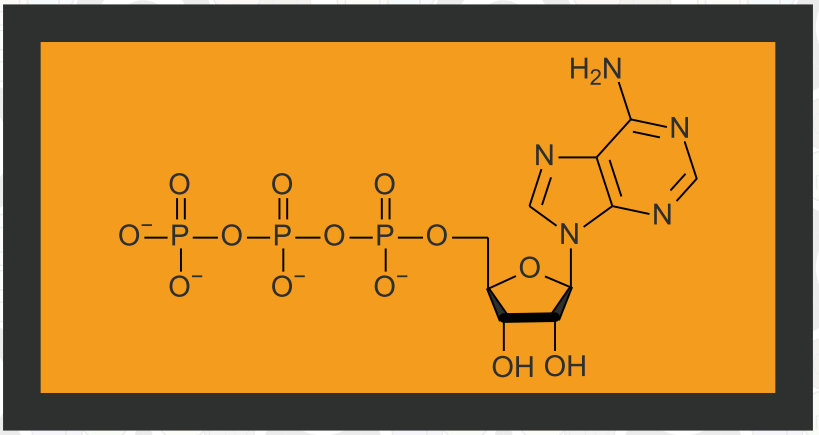

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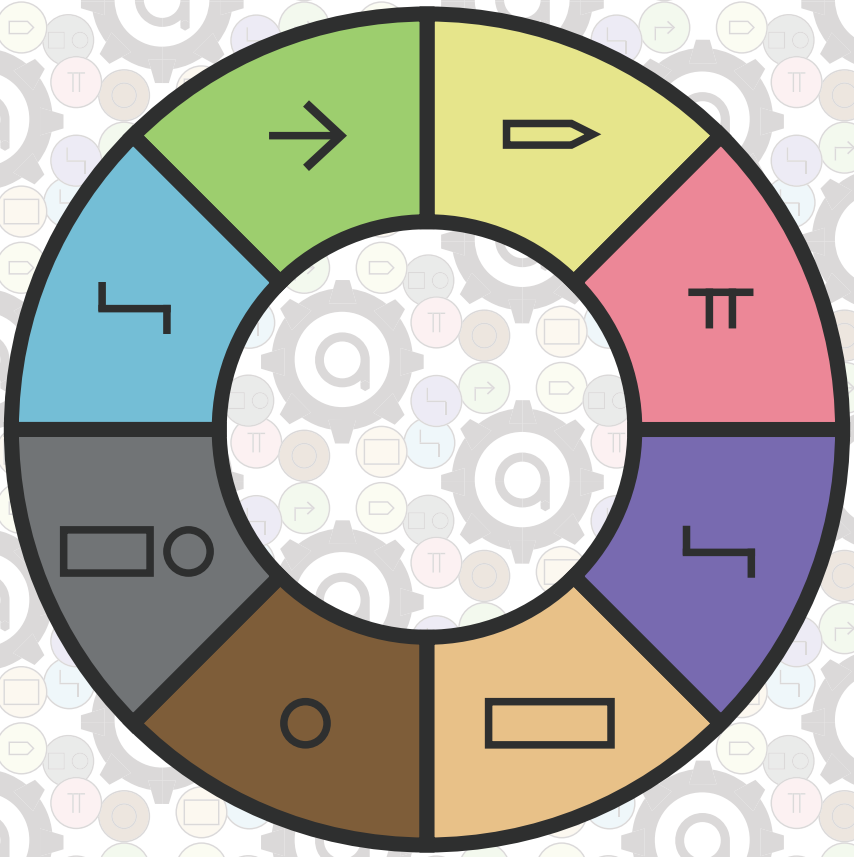
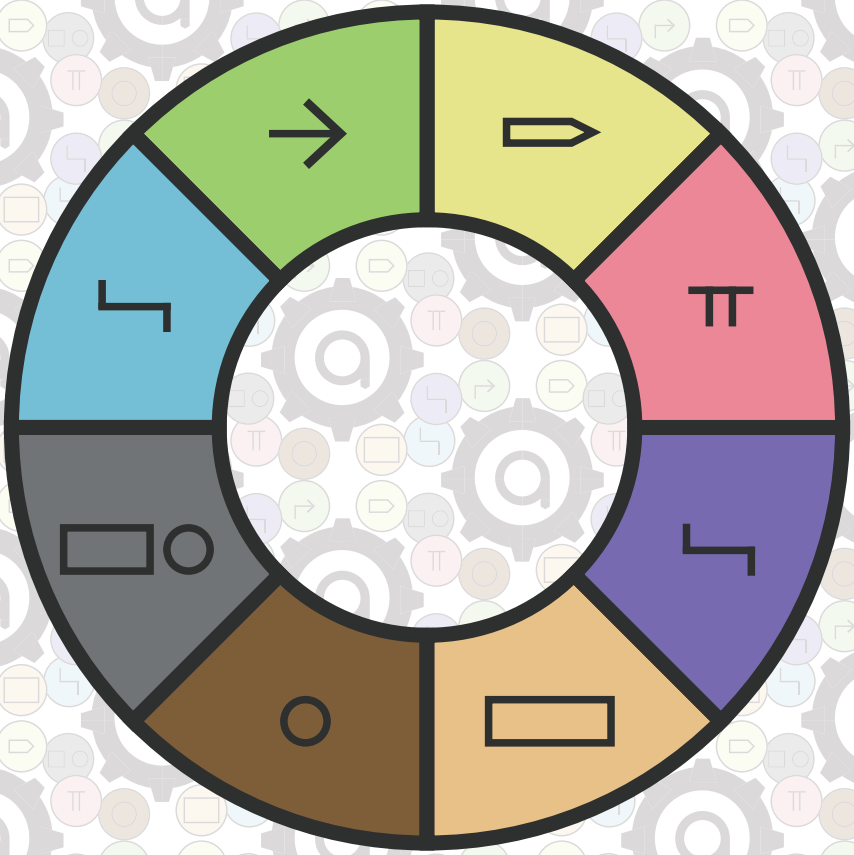


Fungal Infestation

Kanamycin

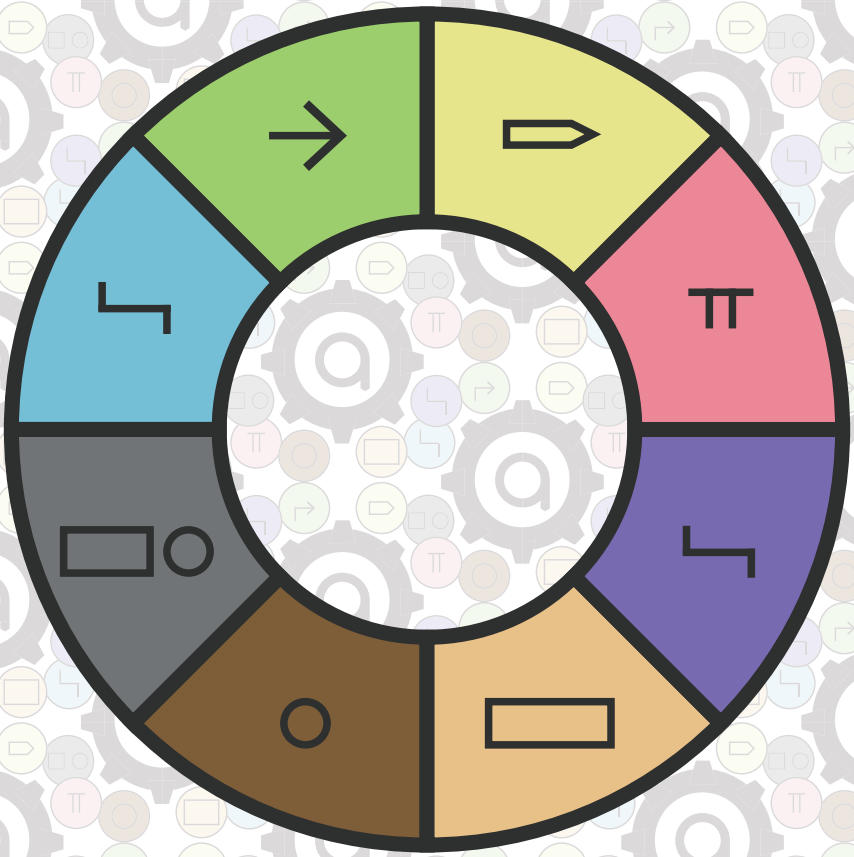
Fungal Infestation



Fungal Infestation

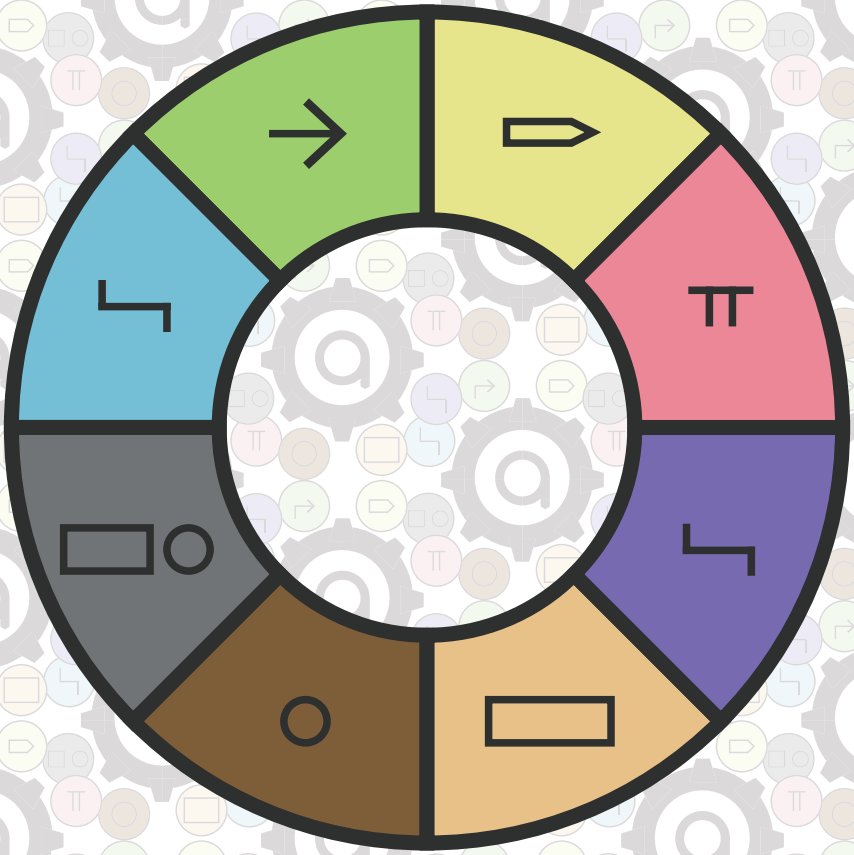
Ampicillin

Fungal Infestation

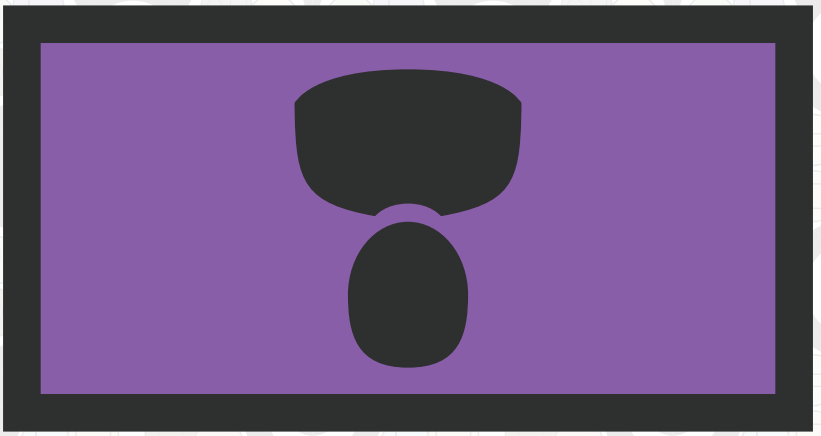


Fire Alarm

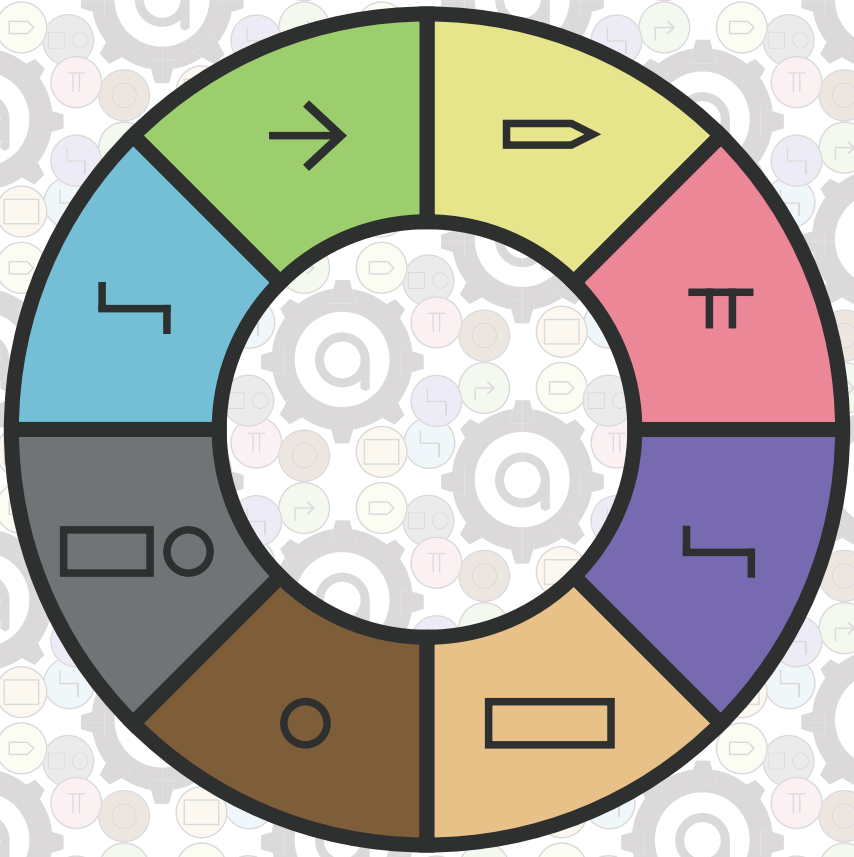
Fire Alarm



No Supervisors

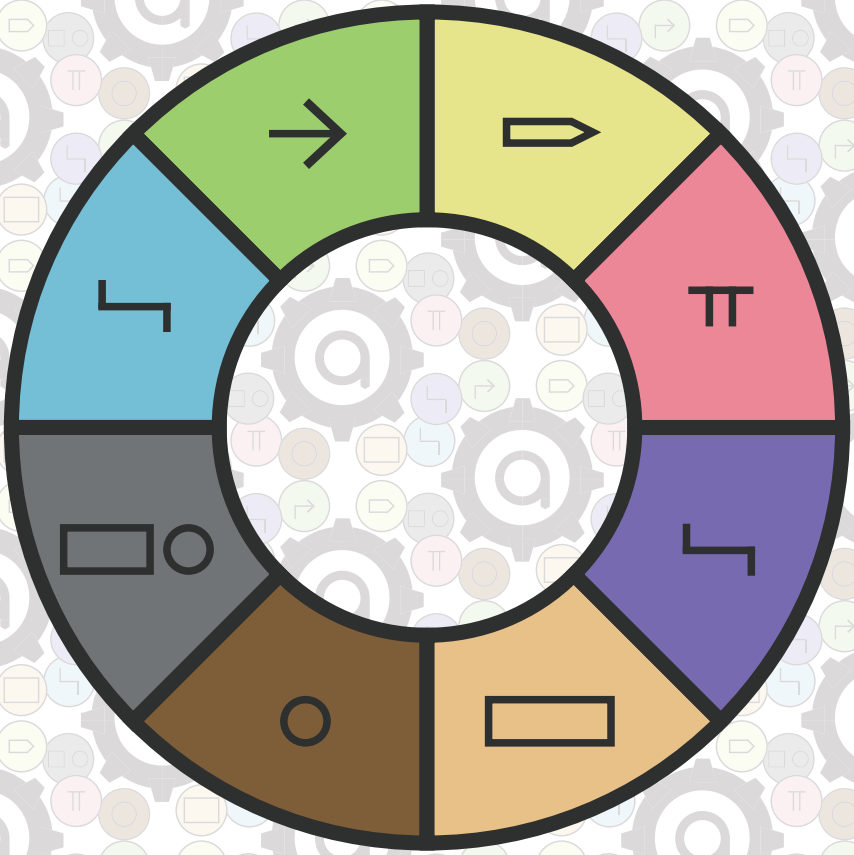


No Supervisors



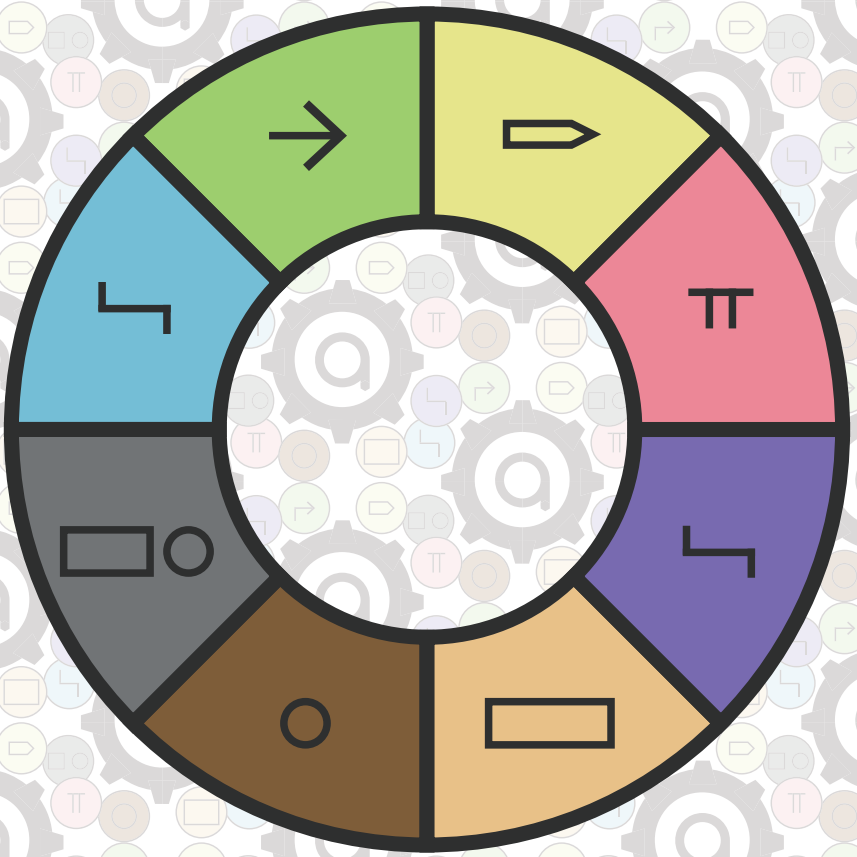
Phasecard

1. Promotor should be red, remaining parts random
2. Both Assembly connectors must have the same colour, the promotor has to be green
3. At least 4 parts need to have the same colour
4. After transformation with the plasmid the E. colis should grow on Kanamycin medium and express GFP, while using a strong Promotor
5. You want to make the peroxisomes in the yeast recognizable. Medium for the E. colis: Ampicillin



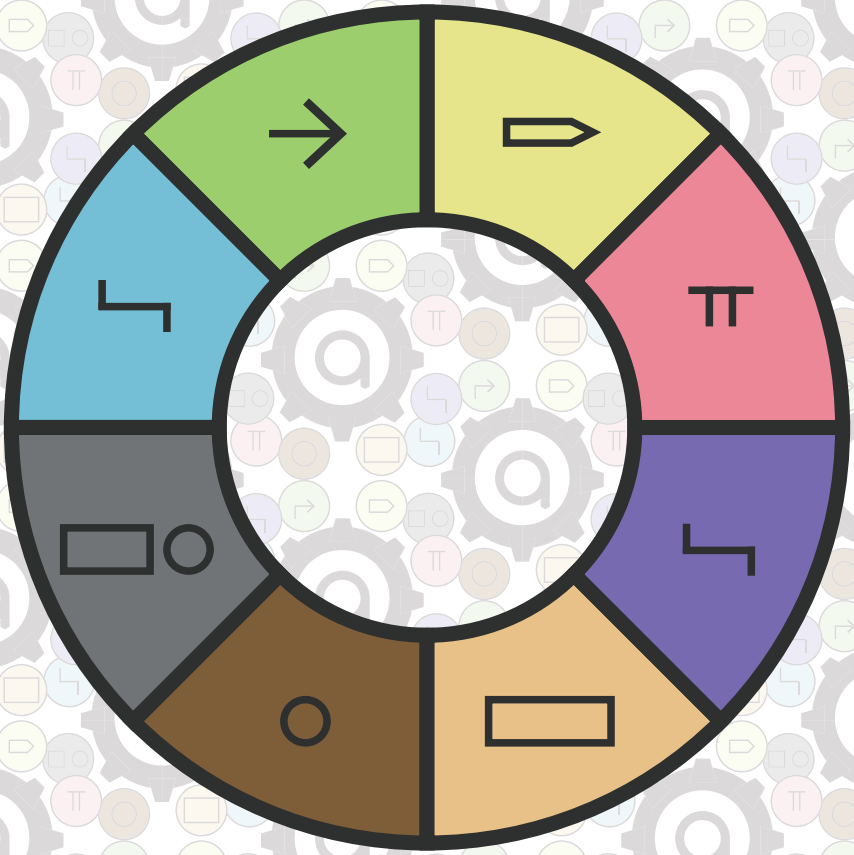
Phasecard

1. Promotor should be blue, remaining parts random
2. Both Assembly connectors must have the same colour, the promotor has to be yellow
3. At least 4 parts need to have the same colour
4. After transformation with the plasmid the E. colis should grow on Spectomycin medium and express Cas9, while using a weak Promotor
5. You want to make the peroxisomes in the yeast recognizable. Medium for the E. colis: Kanamycin



Phasecard

1. Promotor should be yellow, remaining parts random
2. Both Assembly connectors must have the same colour, the promotor has to be red
3. At least 4 parts need to have the same colour
4. After transformation with the plasmid the E. colis should grow on Ampicillin medium and express ß-Galaktosidase, while using a weak Promotor
5. You want to make the peroxisomes in the yeast recognizable. Medium for the E. colis: Kanamycin



Phasecard

1. Promotor should be green, remaining parts random
2. Both Assembly connectors must have the same colour, the promotor has to be blue
3. At least 4 parts need to have the same colour
4. After transformation with the plasmid the E. colis should grow on Ampicillin medium and express VioC, while using a strong Promotor
5. You want to make the peroxisomes in the yeast recognizable. Medium for the E. colis: Spectinomycin