



# Proportions and sculpture

From sacred to blacksmithing

# The sacred geometry

From our adn, to our galaxy and beyond.

as below so above, all universe created from the same Mathematical formula “the code”

Proportions and blacksmithing: our job

The eyes recognize “the code” and the natural beauty on it

Most important, the soft flow of creation, the transformation and expansion



$$\varphi = \frac{1\sqrt{5}}{2} \approx 1.6180339887$$



# All the body start with 1 unit “ the head”

The study of classic roman and greek sculpture was based in proportions.

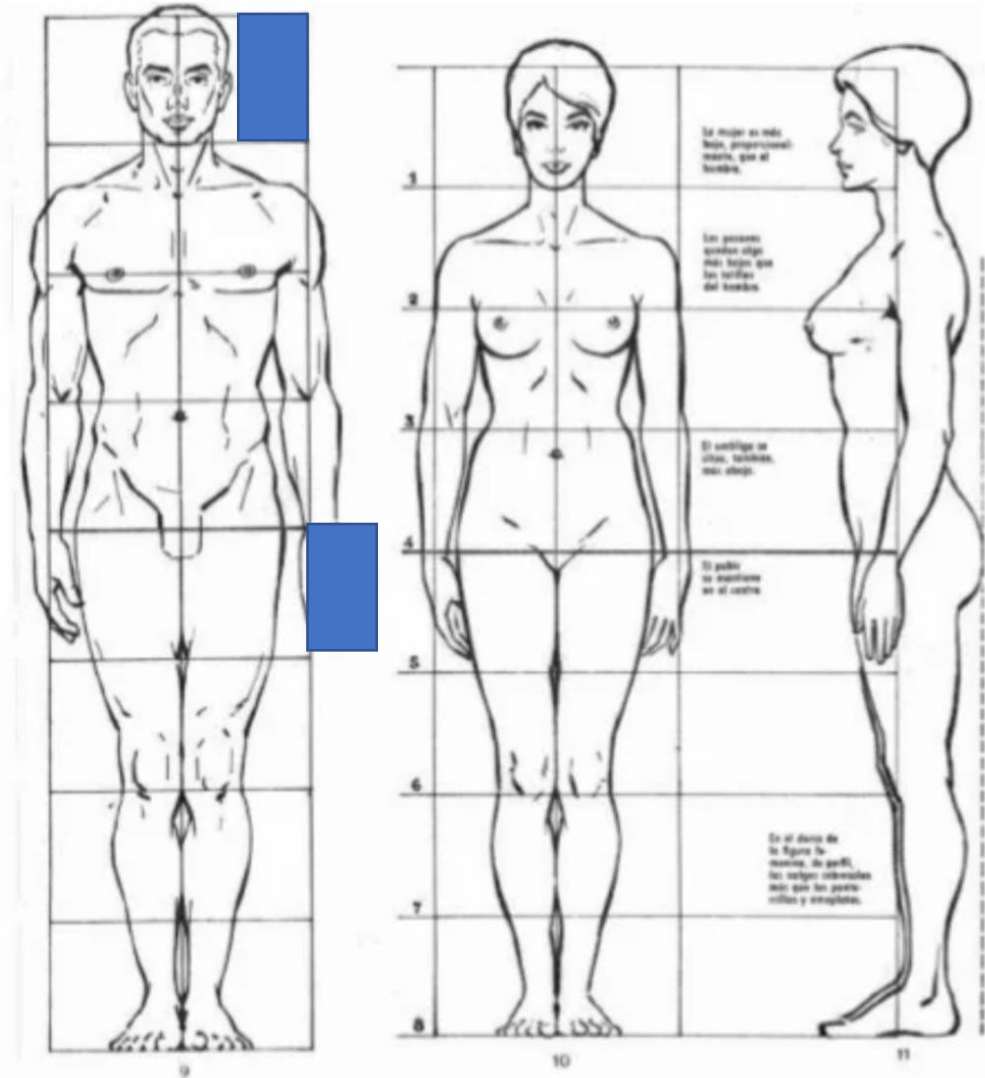
Policleto . 7 heads

Renaissance Vitrubio defines 8 head.

The amazing geometry of the body.

Each measure is connected with the other

There is not Coincidences



# Basic measures

## Height of the head

The torso is 3 times

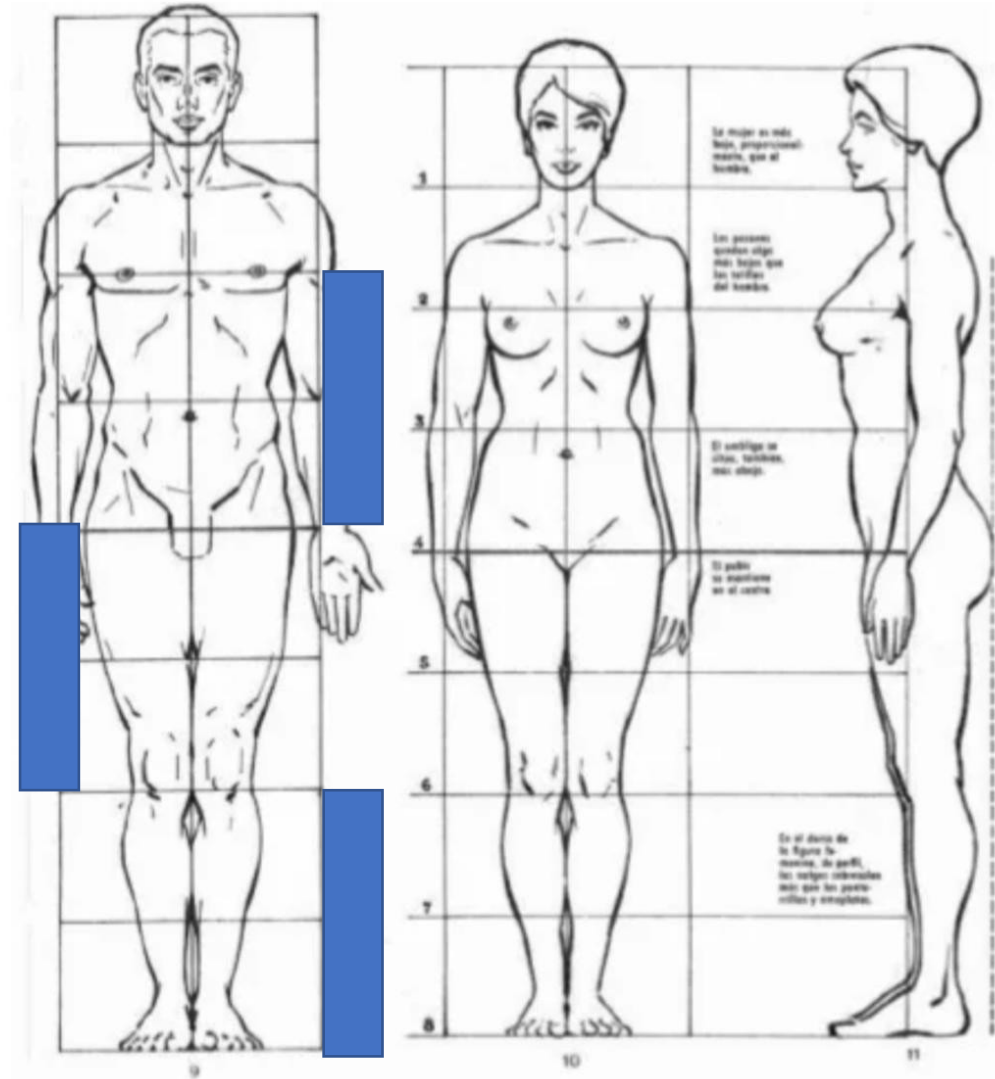
1 from chin to nipples  
1 from nipples to belly button  
1 from belly button to genital area

The full arm is 2 times

1 from armpit to elbow  
1 from elbow to wrist

Full leg is 4 times

2 from genital area to knee  
2 from knee to feet



# Using in sculpture

Example.

The traveler.

Natural proportions are Recognized from human eye , which detect From 1mm error

What our eyes found beauty, is what are related with ourselves, our soul and emotions

Define the size of the head to define everything else. It is not about precision is about a concept to create





# Body= pure expression

We are no robots, or rigid dead bodies

75% of communication is non-verbal

We are moved by our souls, dream and passions.

Flexibility is main concept

Connect with Public through emotion, use gravity, balance, mass volume



# Blacksmithing concept

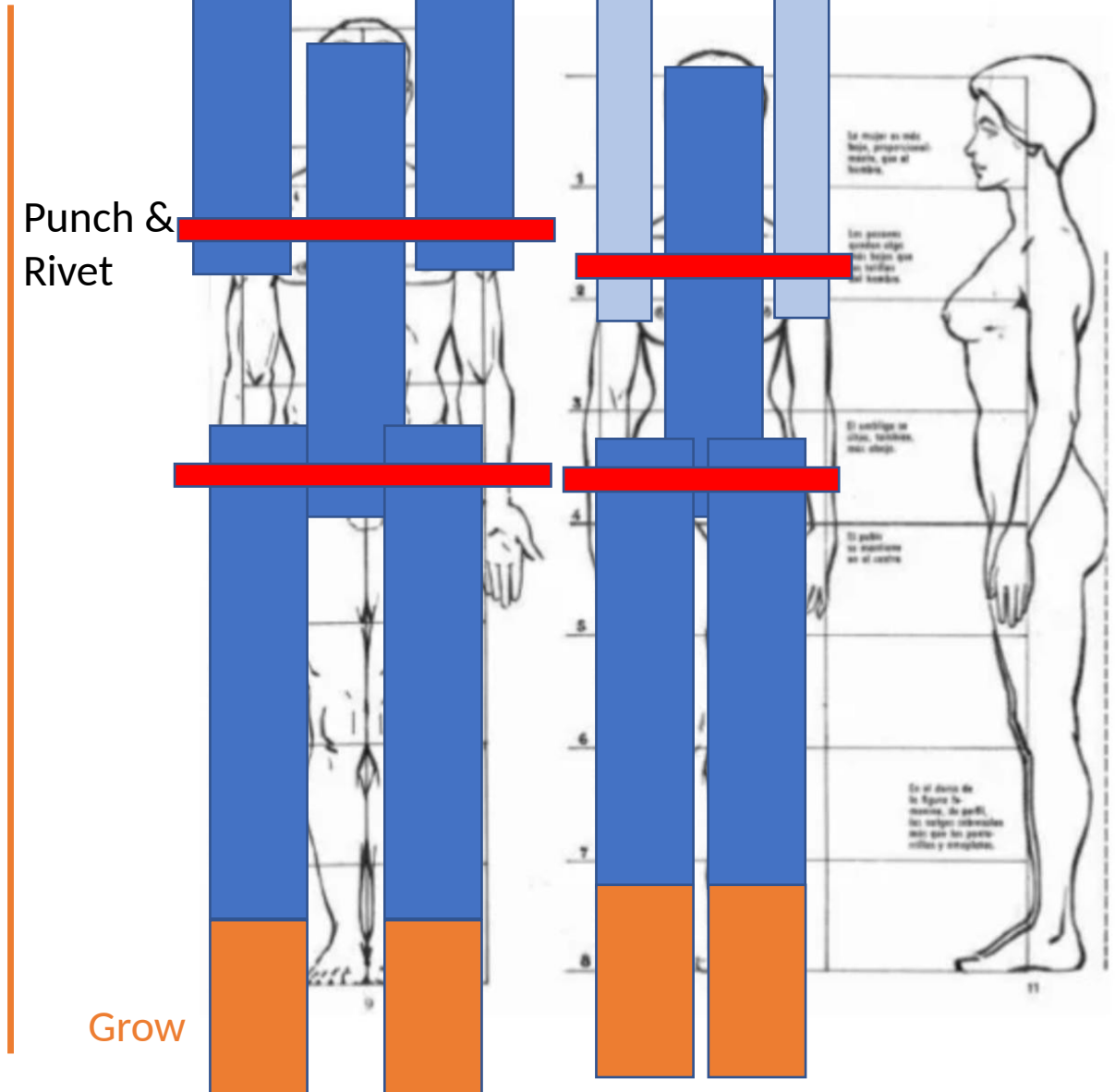
Define height of the head.

The width of the head define the size of the bar, and size of the bar defines the rest of the body

The iron pieces for legs are same height than head and torso it will grow with the tapers making more Esthetic.

Shoulders define gender of figure, the bigger the shoulder more masculine, same bar or bigger

On the contrary less shoulder , thinner arms and longer legs will create more feminine character



# No matter the posture

Always check the relations of the body parts

Flexibility and expression will be good if proportions are good

Take all the time do you need, is not a race

Stay calm try to connect your feelings with what are you doing, this emotional State magically penetrates the work.

Lot of practice will allow to you dominate this formula and Will take you to next level.

