





2112815 TAOCHENG **MA FASHION DESIGN**





BRAND VISION:

My brand concept is "Fusion", and the brand I want to create is -- regardless of the choice of people's clothing in the scene, I hope to combine the concept of functional style clothing with the traditional suit style. People no longer have to worry about what to wear and where to go. At the same time, IN terms of specific design, I will choose to make clothes "parts" in a sustainable way. The so-called "parts" means to make clothes like robots, which are detachable and can be combined at will. At the same time, some metal materials are added to make the overall clothing more scientific and metallic



BRAND STORY:

A girl was asked to work overtime by her boss. In the middle of the night, it was her birthday. His friends were in the club for her birthday. Her home was very far away from the club. She was wearing a white face, a professional skirt and a ponytail. Braid, holding a notebook, stood at the door, but the security at the door did not let her in because she was wearing professional attire, which did not meet the requirements of a nightclub. As a designer, I showed up, pulled her white compressed sleeves, compressed them with thick threads, and knitted her functional styling pockets. At the same time, I used hairspray to loosen her hair.

Can show its charm anywhere





RESEARCH & DESIGN CONCEPT

*Fibonacci sequence, also known as the golden section sequence *F(1)=1, F(2)=1, F(n)=F(n - 1)+F(n - 2) $(n \ge 3, n \in N^*)$ 1, 1, 2, 3, 5, 8, 13, 21, 34...







* Are arranged according to the combination of the Fibonacci sequence





A ceramic sculpture that incorporates mathematical formulas, and the mathematical laws are revealed through rotation In nature, the Fibonacci sequence and the golden ratio are everywhere. For example, in the pattern of pineapple, the spiral arrangement from left to right is 13, and the spiral arrangement from right to left is 8, which corresponds to the Fibonacci sequence. one of the sets of data in . In addition, many fruits and vegetables in nature follow this rule.



Square Wave is designed by artist Ivan Black. His works reflect the derivation and imitation of mathematical models found everywhere in nature. The work is made of 21 electroplated steel wires, which are rotated and turned up and down.











RESEARCH & DESIGN CONCEPT





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22

22



COLOUR BOARD



fashion colors in China in 2023

COLOURBOARD



The choice of the color version is first based on the new fashion trends launched by WGSN, and then the second choice is based on the brand's conception and style. Finally, "black, white, gray" is used as the main color, with brighter green and blue.





FABRIC BOARD



DESIGN EXPERIMENTS



Unrotated state



after rotated state



















Inner circle diameter: 12cm • outer ring width: 3cm *The whole thickness: 2cm



The small wooden stake at point C is a cylinder with a diameter of 1cm and a height of 2cm. The width of the AB arc portion is also 1cm and the length is $\frac{AB}{BC} = 0.618$ The position of point A and the position of point C must completely overlap. as the picture shows.

this two points need to be matched very well





There must be 9 in total, and the length of each side is 6cm, 9cm, 12cm, 15cm, 18cm, 21cm, 24cm, 27cm, 30cm. Each time the length is increased by 3cm









Use the center of the circle as the fulcrum to find a beautiful silhouette



 $\frac{AB}{BC} = 0.618$ This ratio cannot be change this is the golden ratio



can be the body support, accessories



the middle black part is hollow, which can through the head or the body, when rotate the body, the device will open or close.











DESIGN EXPERIMENTS

-3D DEVELOPMENT





*As shown in the figure, all the sectors have a central angle of 137.5 degree(golden angle=137.5 degree). By rotating and shrinking the sectors proportionally, the sectors coincide with each other.

*Cut along a line so that the entire paper mold appears a natural spiral expansion state.



*rotate the triangle through the golden Angle, Then draw the corresponding arc, and finally complete the circle, all the different sizes of the circle arrangement to form the golden ratio









*Cut along the arc to make the cut part form the golden ratio, and stand up the cut part to form a different 3D model sizeA (50*50)



sizeB (80*80)











DESIGN EXPERIMENTS ——3D DEVELOPMENT



*Draw a straight line as the axis of rotation *Draw a vertical line at the first point of rotation *Rotate 42.5 degrees and leave enough space for the fabric *same with the last step *Rotate 42.5 degrees on the point axis and connect the original point in red











hold the red circle point not move, and move the point in blue circle.



move the line from red to blue, two points both move Combine the two methods(line and point rotate) together











Rotate the part divided by the line clockwise to find the fixed vertex (the fixed-point part is not separated), then rotate 42.5 degrees (golden angle) to unfold all parts in turn



Fold as shown in the figure, same with other lines







Swivel design of half skirt





DESIGN EXPERIMENTS









***ROTATION EXPERIMENT OF OVERALL TOP** *DRAW SKETCH THROUGH THE BASIC SHAPE OF THE TOP

Comparison of the front view of two different sewing methods

Same as the pattern on the previous page, but the sewing method is different. The part of the previous page (put out the wrinkled part and sew on both sides) and the part of this page (fold the wrinkled part in to sew on both sides), the effect is completely Different.



*Combinations of feinberg sequences: 1,1,2,3,5,8,13... *Select 2,3,5 and rotate in different directions between them *2 (clockwise), 3 (counterclockwise), 5 (clockwise) *Double helix combination





Just rotate in one direction



Follow the Fibonacci sequence to rotate clockwise and counterclockwise alternately







Too many rotating lines and too many folds cause the fabric space to be compressed, resulting in the change of the original dress pattern. So i first find the front collar and then match the draping. However, i lost the back collar for the better silhouette.



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1,1,2,3,5...

BACK LEFT

BACK RIGHT

DESIGN EXPERIMENTS





this is the process of the pattern, and the details of the pant leg is my favourite. However, the side of the pant dress has a little bit mess.











FRONT



BACK



The long lapel haven't go through the belt











FRONT



BACK



Because of the many folds, the skirt is more difficult to organize and needs to be ironed very carefully

We discussed the problem that the upper part does not have many designs. The teacher thinks that some folds or other details can be added to the upper part, but I think the skirt itself is printed, and the trouser legs are already more complicated. Now, I don't want the whole dress to look complicated, I want to have a sense of priority. And there is a coat on the upper part of itself, if folds are added, it may affect the comfort.

> This part of the protruding part can be folded into the inside of the skirt, which will not affect the overall wearing feeling, but it is best to organize it as neatly as possible.

I was worried that women's breasts would not be able to hold up the whole dress, so I added elastic bands.



The teacher thought the place might need a pocket so the consumer doesn't have nowhere to put their hands when standing or walking

The teacher worried that the position of the hips with wrinkles and lack of elasticity may affect the comfort, but after fitting the model, I found that because of the wrinkles, the amount of fabric on the hips will be more, there will be enough room, and the comfort will not be affected.



If the shoulder part is not padded, it will look very loose and not good-looking.

The left and right are not aligned, it may be a sewing problem

sleeve is too long



the length of the belt need to change, it is too long, which looks bad from the back, it should be more close to the waist.



the width of the long lapel should be adjusted, whether it have to folded when it go cross the belt on the waist.



same problem of

length of the belt

is too long, when

the lapel go cross

the belt, the belt

shape,looks not

has changed

good.

the back. The



maybe can add some hard facing in the sleeve, make it be more straight, or use a liitle hard fabric to be the basic fabric.

11

SKETCHBOOK PAGE



SKETCHBOOK PAGE

and i combine them together and i will mix with the elements These sketches are most focus on the mathematic model and mathematic rotating, and i do the sketch on some of my sample, which can express of suit and techwear later for my final sketch and design es, more style



SKETCHBOOK PAGE



























FINAL SKETCH SLELECTION















RANGE LINEUP





























VISUAL RANGE PLAN





RANGE PLAN (COLOR&PRICE&FABRIC)



FASHION ILLUSTRATIONS





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Cut the model along the dotted line and pass the gap through the neck, hanging freely to cover the entire skirt



BACK













FRONT













TECHSPECS

ТТ-001





SPEC SHEET:

STYLE REF TT-001

DESCRIPTION:

CRIPTION: JACKET



BRAND:	TÉCNICOS-ETRAJE
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TECHSPECS

SPEC SHEET:

STYLE REF TT OOI DESCRIPTION: Jacket



et	BRAND:	TÉCNICOS-TRAJE	SAMPLE	SIZE:	L	Sheet	No 3 o	of 3
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				No.	Description			(ci
	6-	*	*	1	衣长 L	.ength		6
	8			2	胸围 E	Bust		1(
	3			3	肩宽 \$	Shoulder		4
				4	袖长 5	Sleeves l	ength	6
			I	5	底摆 E	Bottom		11
			1	6	领围 Collar		4	
			7	7 1/2袖口围 1/2Cu		Cuff	1	
		1	8	领宽 Collar width		8		
		9	绑带 Belt		9			
		10	脖领下半 Under lapel		б			
			TRIM					
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✓	5			拉	拉链 Zippe	r	2	32
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TECHSPECS

SPEC SHEET:

STYLE REF

TT-002

DESCRIPTION: Dress



BRAND: TECHICOS TRAVE SAMPLE SIZE: L Sheet No 1 of 3			SAMPLE SIZE: L	Sheet No 1 of 3
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SPEC SHEET:

STYLE REF TT-002

DESCRIPTION:

Dress

Process of creating the pattern and how to stitch





3.

Finally, restore all the parts, point corresponding points, to the 2D image A, and you can naturally get 3D regular folds.

Points to note: It needs to be marked on the original basic pattern (black circle), which can help the restoration process not be confusing



First, lengthen the basic class of the pants vertically, and determine the specific length, and raise the original position of the waist to the chest. Then cover the "mathematical model" on the basic pattern of the skirt, and wipe out the lines that exceed the range, thus obtaining Figure A, which is the state before deformation



TECHSPECS

SPEC SHEET:

STYLE REF TT-003

DESCRIPTION: Hat



put the pattern on the fabric, and cut follow the curved line from 1---11. Then flod it to 3D.

SINGLE NEEDLE	А
TWIN NEEDLE	В
TRIPLE NEEDLE	С
EDGE STITCH	D
1/4 STITCH	E
COVERSEAM	F

E	BRAND:	TÉCNICOS-TRAJE	SAMPLE SIZE:	L	Sheet No 1 of 3
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Follow the number to cut it. From 1----11.





Cut from here. Red point to red point. Black point to black point





SPEC SHEET:

STYLE REF TT-003 DESCRIPTI

DESCRIPTION: Hat

Final pattern of the hat							
		too muo reduce					
Fa	cing						
SINGLE NEEDLE	А						
TWIN NEEDLE	В						
TRIPLE NEEDLE	С						
EDGE STITCH	D						
1/4 STITCH	Е	process of					
COVERSEAM	F						



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The production process of the pattern of the hat: Data:

L

First determine the radius of the innermost circle: 8.90cm, so the overall circumference is 55.8cm, which is in line with the head circumference of a normal person. The distance between circles is Icm.

Production process:

First determine a starting line I, then rotate 137.5 degrees, and so on. Each line must be marked with its serial number, otherwise it is easy to get confused.

FABRIC SWATCHES



BRANDING

BRAND LABLE OVERALL EFFECT

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BRAND NAME: TÉCNICOS-STRAJE

NOTE:

There are three types of labels for this brand: one is the back neck label, the second is the wash label, and the third is the belt display label.

1. The back neck label is a label with a length of 8cm and a width of 1.5cm. The color can be black or white, which can be changed according to the needs of the clothing. 2. The washing label can be folded in half, and the information inside includes: fabric information of the garment, washing instructions, size selection and origin. Suitable for the interior of all brand clothing.

3. Belt label refers to the printing on the belt on both sides of the jacket, you can choose whether you need printing before purchasing.

color selection of label: **Black & White**







BRANDING

packaging 0 ess proc 0 S 0



NOTE:

There are three categories of packaging parts of the brand: They are the box, the bag, the wrapping paper, and the additional VIP card. The box is made of cardboard, available in black and brown color options, and is coated with a water-repellent coating.

The packaging bag is a relatively large size, and it is also made of a slightly harder hard material, and is also coated with a waterproof material.

The wrapping paper is made of Sydney paper, which is a translucent waterproof paper, which can protect the clothing well, and at the same time is very light, which can reduce the burden on consumers.



Printed wrapping paper: **Translucent waterproof material**



color selection of label:



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BRANDING





TECNICOS==TRUE TECNICOS = TRUE sticker 贴街 Enc-tonoli Ticecos-Derif [领标] collar tag [售后卡] [吊牌] A LL After-sales card hang tag

For the design of brand labels, wrapping paper, packaging bags, collar labels, after-sales cards, VIP cards, etc., I still want to use my brand logo design printing. Since my logo design is inherently design, I don't want some of my add-ons to be too complicated.



collar tag

For the wrapping paper, I chose Sydney paper, which is thinner and waterproof. At the same time, I plan to print the brand's logo on the wrapping paper in multiple numbers.









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tecnicostraje.cargo.site

> LOREM_IPSUM > DE0_524





> INFORMATION > INSTAGRAM



WEBSITE

Regarding the part of the website, first of all, on the first page, I displayed the brand's logo in the largest form, because I want customers to see my logo and the overall style at first glance, and I also put some packaging on the home page., because this also follows the entire sales process of the entire brand. Able to demonstrate a serious attitude towards consumers.





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← → C 🔒 tecnicostraje.cargo.site

>LOREM_IPSUM >DE0_524

MATHEMATIC FASHION ITEM-1 JACKET \$499.99 White \$ Add to Cart TROUSERS \$499.99 White \$ Add to Cart

HAT \$299.99

Add to Cart





> INFORMATION > INSTAGRAM

× + taocheng tecnicostraje.cargo.site

>LOREM_IPSUM >DE0_524

Fahion Mathematic Dress-2 \$399.99

	Brown			0
1	Add	to	Cart	





MATHEMATIC FASHION ITEM-1

JACKET \$499.99

\$499.99		Fahion Mathematic [Dress-2
White	\diamond	\$399.99	
Add to Cart		Brown	\$
TROUSERS \$499.99		Add to Cart	
White	\$		
Add to Cart		Fashion Mathematic \$499.99	dress-:
НАТ			
\$299.99		White	Ŷ
Black	\$	Add to Cart	
Add to Cart			

https://tecnicostraje.cargo.site/

PRODUCT SELECT & PRICE

Then there is the part of product sales. I will mark the price, product category, color selection, etc., which is convenient for consumers to choose. At ⁻¹ the same time, each page corresponds to the corresponding product display map, which allows consumers to intuitively feel the product.









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VIDEO DISPLAY OF GARMENTS

I interspersed the layout of the video on the sales page, one page after the page selling the same product, followed by the video of the corresponding product. https://tecnicostraje.cargo.site/

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WEBSITE https://tecnicostraje.cargo.site/

> INSTAGRAM







There is a link to Instagram in the lower left corner of the website, you can directly enter the Instagram homepage of the brand, you can better see the pictures of the products, simplicity, etc. At the same time, after paying attention to Instagram, you can know the latest product development and the new season products faster. release time. At the same time, you can also directly through Instagram private messages for purchase and after-sales consultation.

External webpage jump: Instagram









CLO 3D OUTFIT









STORY OF JIANGRU:

When Jiangr up her clothe invite some f ing. She does not suitable for a

> Designer: TAOCHENG Model: LI JIANGRU Make-up: ABI Director/Photographer: JIANG XINYU

When Jiangru finish her work in Friday, she simply tidy up her clothes and does a beautiful makeup, then she invite some friends to go to a bar for drinking and danc-

She does not need to change the clothes, because it is suitable for all the place no matter where you are.



Designer: TAOCHENG Model: LI JIANGRU Make-up: ABI Director/Photographer: JIANG XINYU





Designer: TAOCHENG Model: LI JIANGRU

Make-up: ABI
Director/Photographer: JIANG XINYU





THROUGH THE REFLECTION OF TIN FOIL, A KIND OF CONTRAST AND FUSION IS FORMED, CLEAR AND CALM LIKE MATHEMATICS, FUZZY LIKE FASHION











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