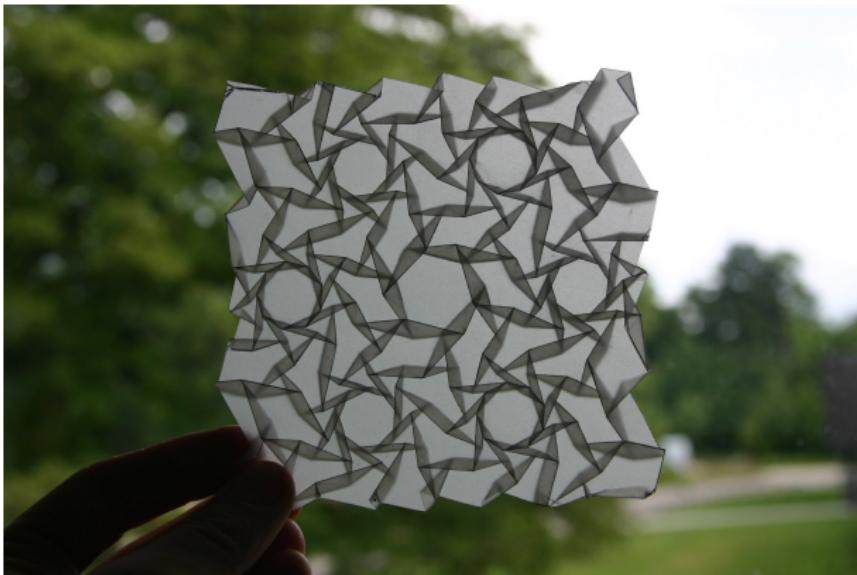


Taller de papiroflexia

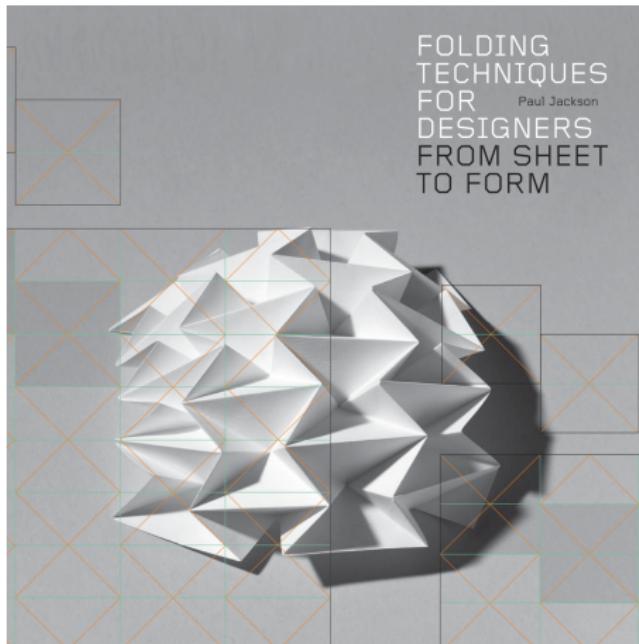
Asociación Lewis Carroll

¿Tesselaciones?



Alex Bateman, Nonagami. 9-fold twist tessellation.

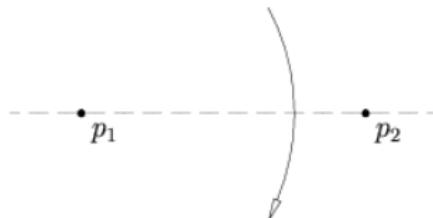
Técnicas de plegado



Axiomas de Huzita–Hatori

Primer axioma

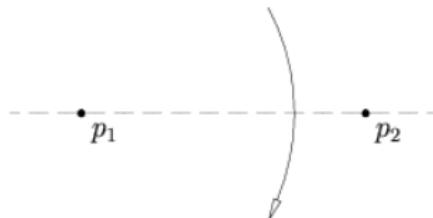
Dados dos puntos distintos existe un único doblez que pasa por ambos.



Axiomas de Huzita–Hatori

Primer axioma

Dados dos puntos distintos existe un único doblez que pasa por ambos.

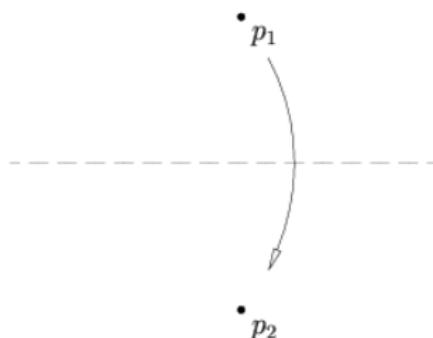


Hay que hacerlo sobre una mesa.

Axiomas de Huzita–Hatori

Segundo axioma

Dados dos puntos distintos existe un único doblez que *los une*.

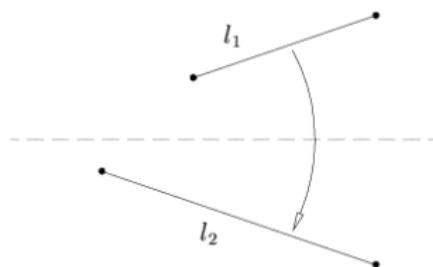


Hay que hacerlo sobre una mesa.

Axiomas de Huzita–Hatori

Tercer axioma

Dados dos dobleces distintos existe un doblez que *los une*.

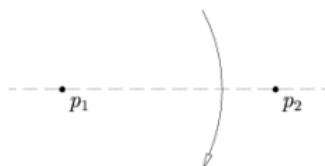


Se puede hacer en el aire.

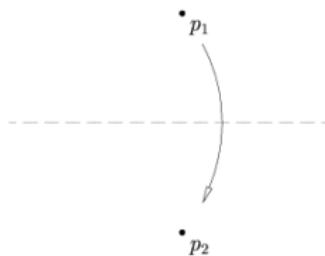
Axiomas de Huzita–Hatori

Todos los axiomas

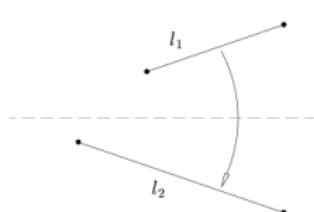
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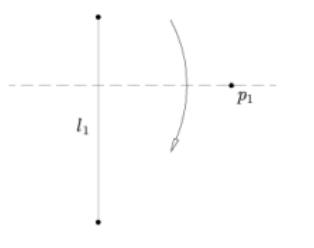
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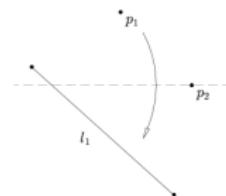
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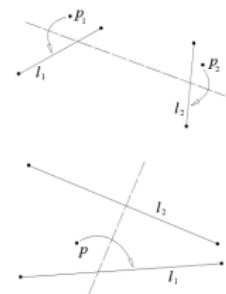
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5.

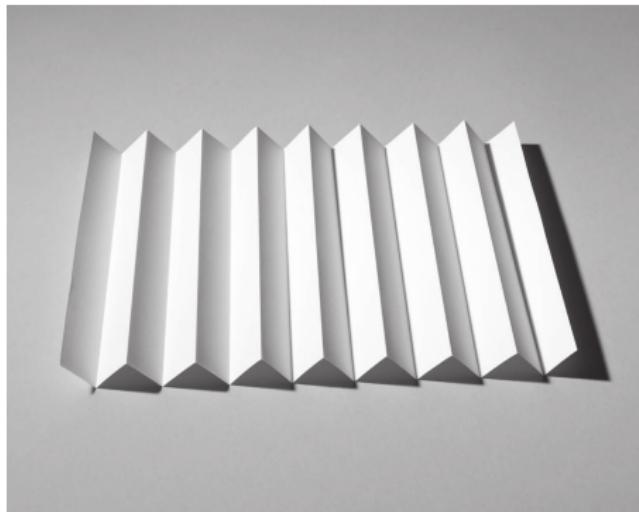


6.



7.

Divisiones lineales



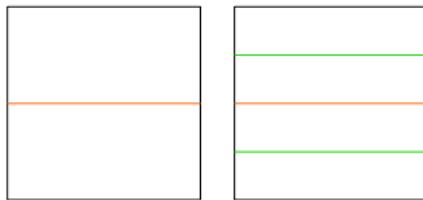
Divisiones lineales

Técnica: poco a poco



Divisiones lineales

Técnica: poco a poco



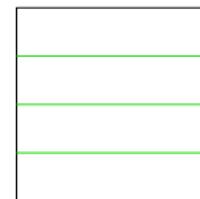
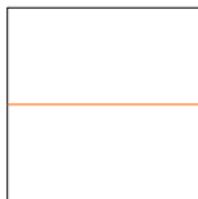
Divisiones lineales

Técnica: poco a poco



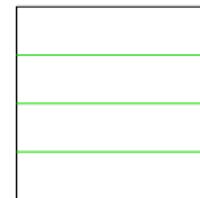
Divisiones lineales

Técnica: poco a poco



Divisiones lineales

Técnica: poco a poco



Divisiones lineales

Técnica: poco a poco

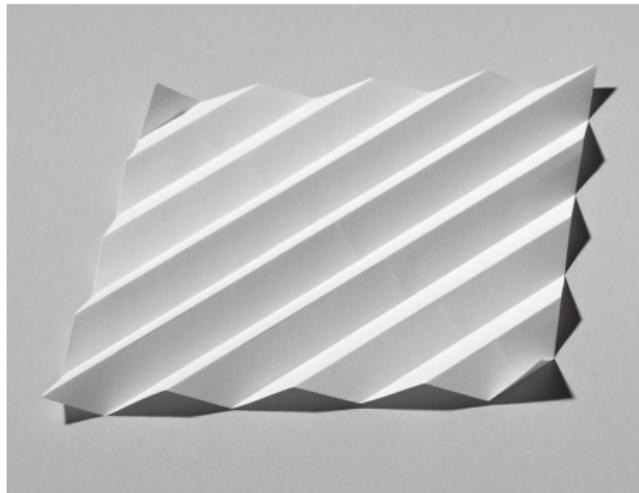


Divisiones lineales

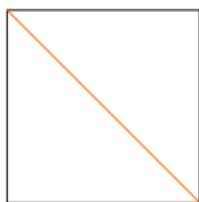
Técnica: de una



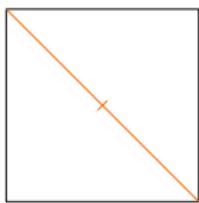
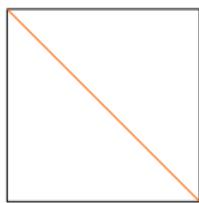
Divisiones diagonales



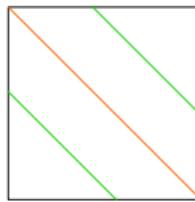
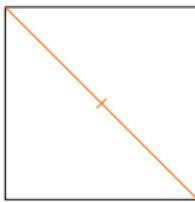
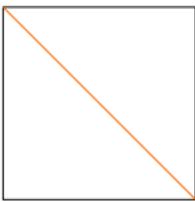
Divisiones diagonales



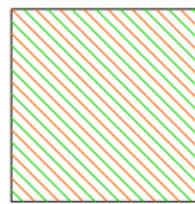
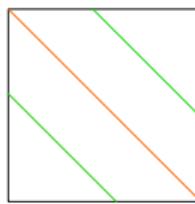
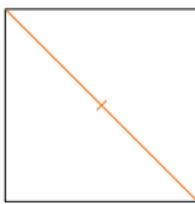
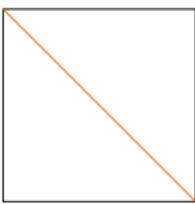
Divisiones diagonales



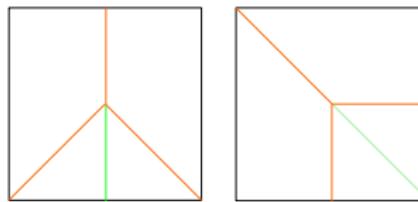
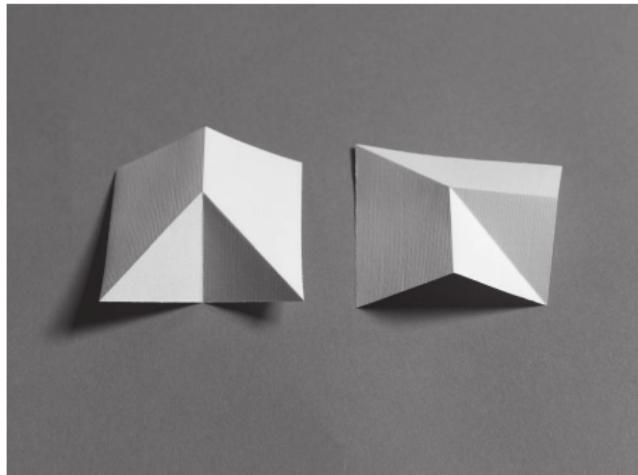
Divisiones diagonales



Divisiones diagonales

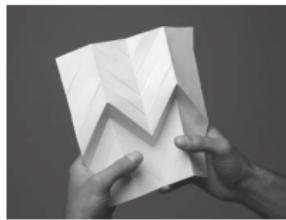
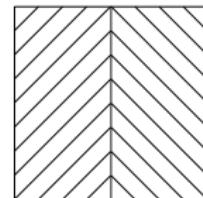
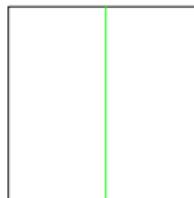


Dobleces en V



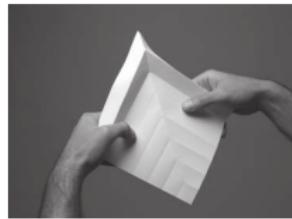
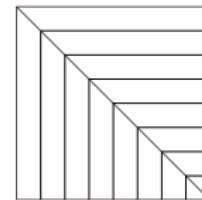
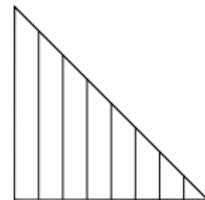
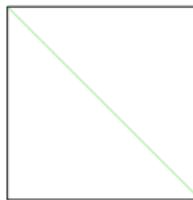
Dobleces en V

Técnica manual



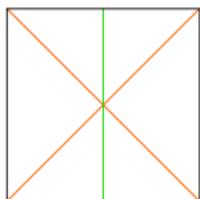
Dobleces en V

Técnica manual



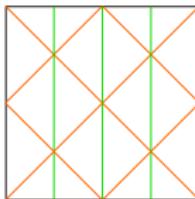
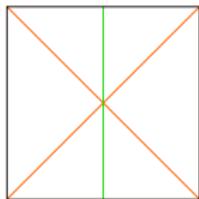
Repeticiones

Patrón de Yoshimura



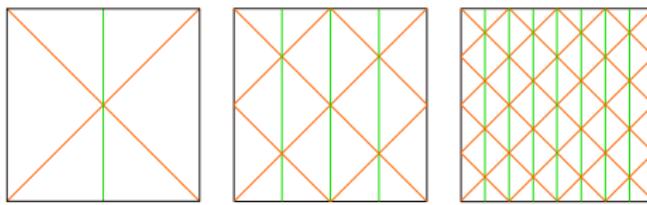
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Patrón de Yoshimura



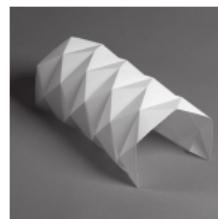
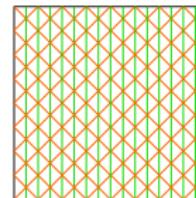
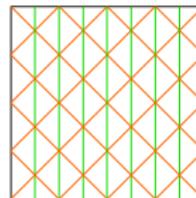
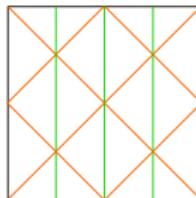
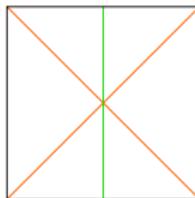
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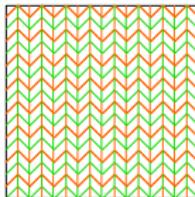
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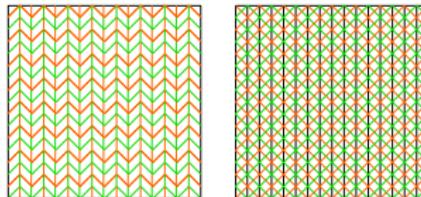
Repeticiones

Cuadrícula de V's - Base



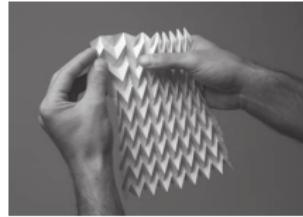
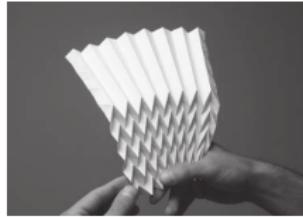
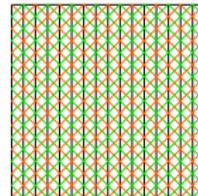
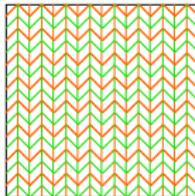
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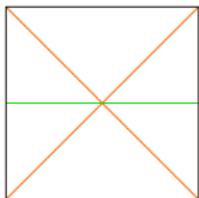
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Cuadrícula de V's - Base



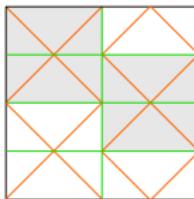
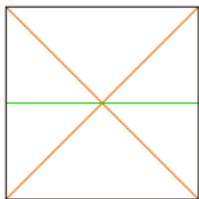
Repeticiones

Con deslizamiento



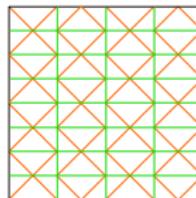
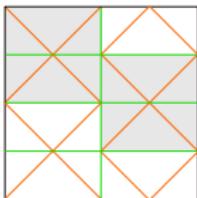
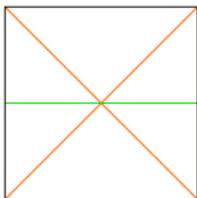
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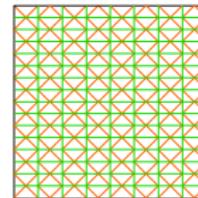
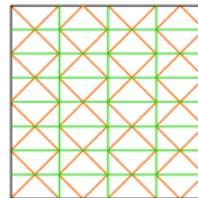
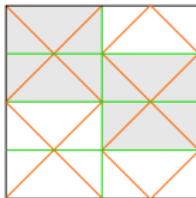
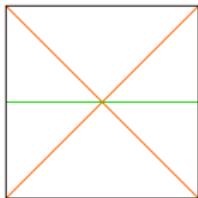
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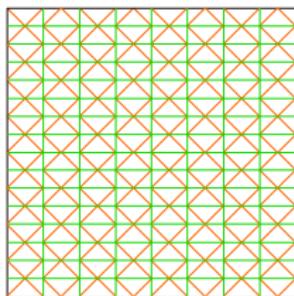
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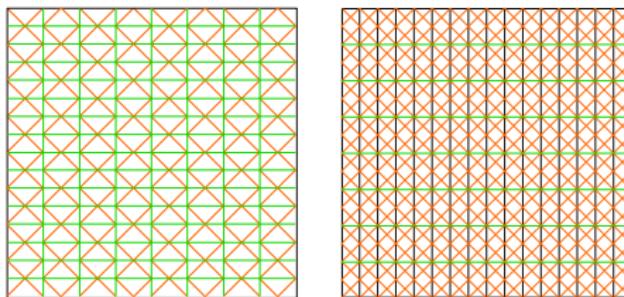
Repeticiones

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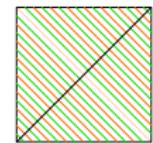
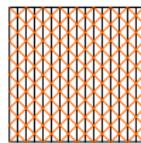
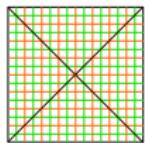
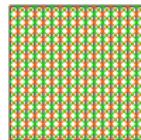
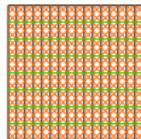
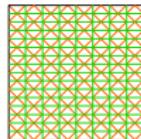


Repeticiones

Con deslizamiento - Base



Diagramas



Referencias

- ▶ Paper and Stick Film, Ron Resch - vídeo
- ▶ <http://www.papermosaics.co.uk/>
- ▶ Técnicas de plegado para diseñadores y arquitectos - Paul Jackson
- ▶ Huzita–Hatori axioms - Wikipedia
- ▶ ORI* - *Matthew Gardiner & Ars Electronica Futurelab*