



Basics

how to



Design a fence or a wall with living trees!





1. Method: Vertical & Twisting

This is the method if you need maximum stability without any man-made fixing (Screws, Wire,...).

But you need max. material, too.

By the construction of walls for houses, Konstantin Kirsch has discovered a restriction in growth through the many crossings. (In decades!)

Now he preferred the joining-method (Method 3).

If you want to study this model in 3D:

1. Install a 3D-Plugin for your Internetbrowser: **Cortona3D**
2. Zoom in, turn, study it by clicking: **3DModel**
(If you set the background-color to white you can print it from any direction)



2. Method: Twisting

This is the up-to-date method for fences. It has a big natural stability without any man-made fixing.

You can begin and end the fence how you see it here, or how you see it at Page 3 of this document.

By the construction of walls for houses, Konstantin Kirsch has discovered a restriction in growth trough the many crossings. (In decades!)

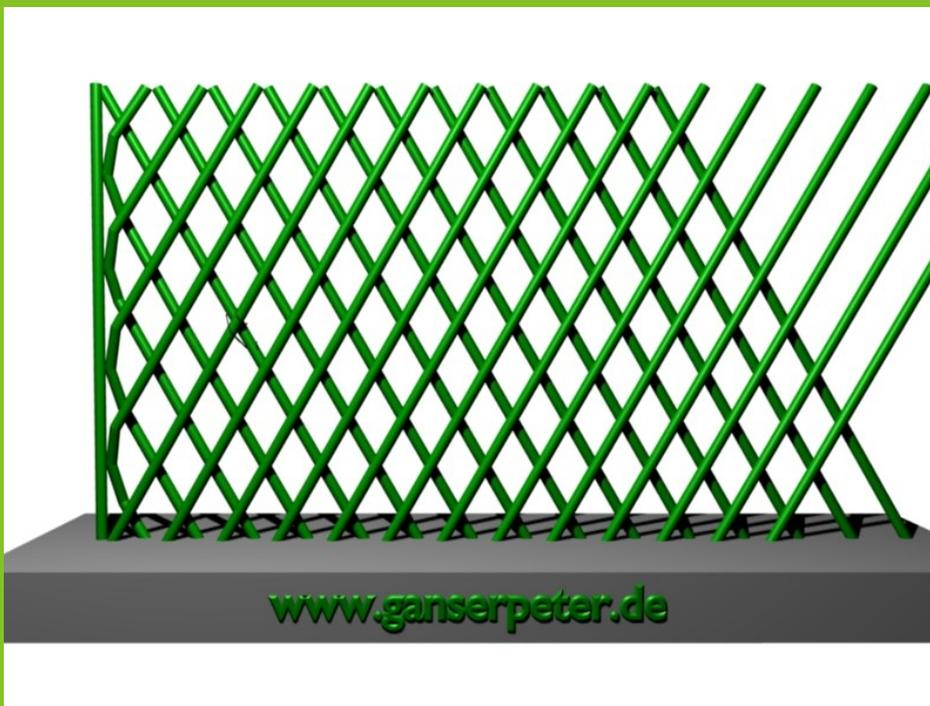
Now he preferred the following, the joining-method.

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3. Method: Joining

This is the up-to-date method for walls. It restricts the growth as less as possible with well stability.

But you have more work by joining the trees together. To do this you must use one of the joining-methods i will explain in a extra document.

For example, you can use:

Screws, Wire, Tonkin-Clip, Rubber band, Tape,...

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4. Method: Parallel

This is my thought for my house since i started some years ago. Just now I read in Richard Reames book (Arborsculpture) that he planted a house in this way too.

If you look at the distances between the trees and compare it with the other methods you see: With the same planting-distance the trees are closer together, the wall will be closed earlier and here are no crossings that can limit the growth.

But here is no self-stability until the trees grow together. You must always stabilize the shape.

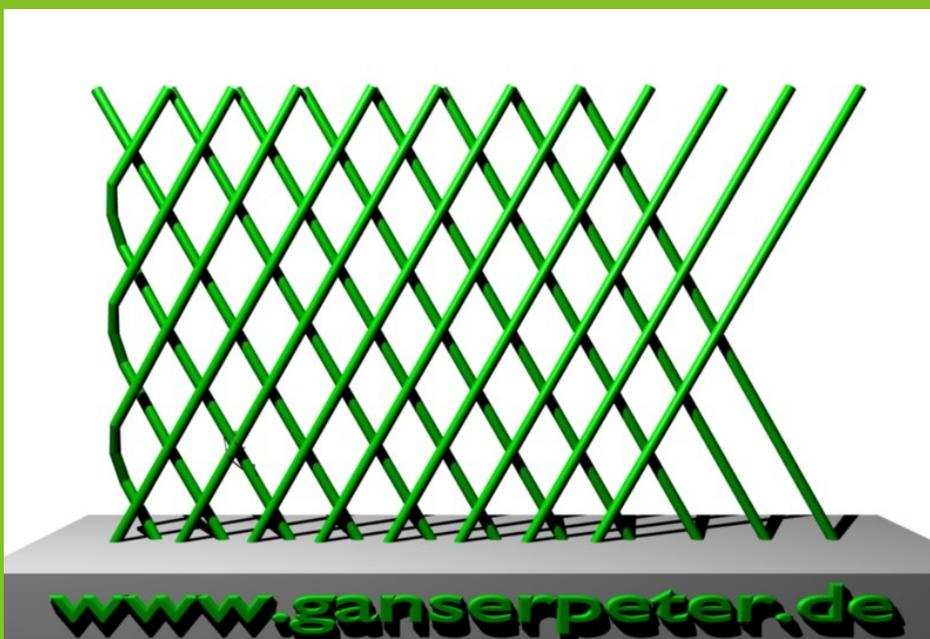
The time will show if the advantages are more than the disadvantages...

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You want no straight tree at the beginning of your fence?

Ok, then make it like this. But you should use a peg for plating and for the first seasons. (Stability!)