New Structural Form: Modular Twisted Frames

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by small angles

⇒ How to build something fast?

> The key is modular design!

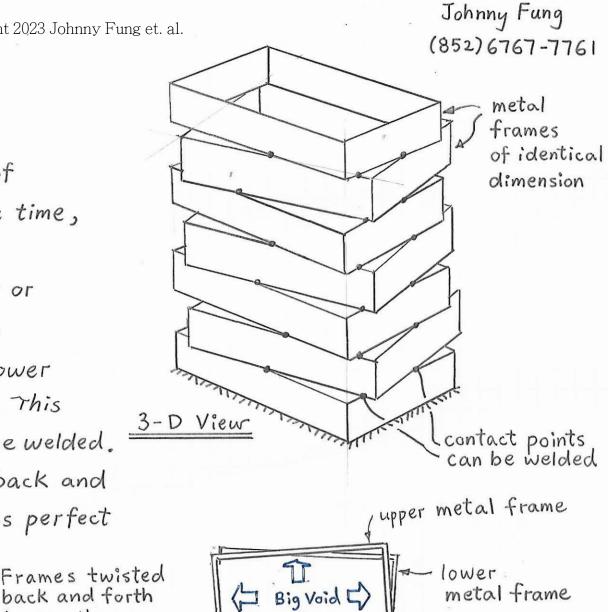
> Another Key is the repetitiveness of module fabrication. This can save time, costs and effort.

> As illustrated, identical retangular or square frames are manufactured.

⇒ Each frame is stacked upon the lower one by twisting it by a small angle. This creates 8 contact points which can be welded.

⇒ As illustrated, frames are twisted back and forth by small angles that maintains perfect weight balance for the structure. Frames twisted

⇒ An added benefit is that we can create a big, protected void. This structure can also be built even if there is already a hole in the ground.



Plan View

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