Jurányi Patrick Media design beszámoló:

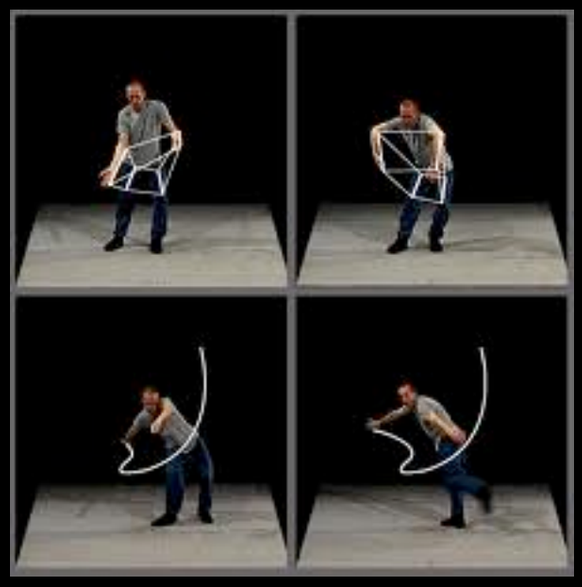
William Forsythe :: Improvisation Technologies.

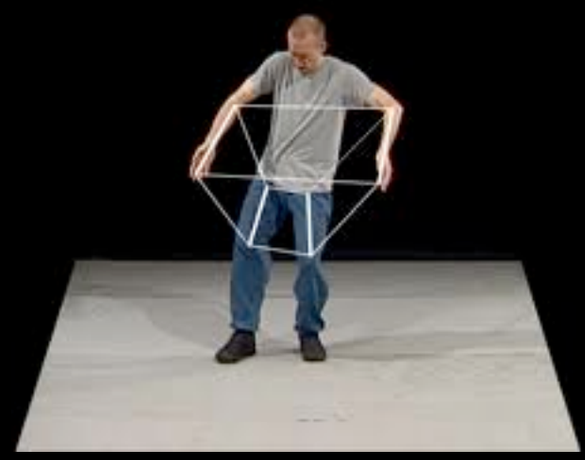
Willliam Forsythe

William Forsythe napjaik egyik legkiemelkedőbb koreográfusa, munkásságában nem csak színpadi alkotásokat készít, hanem egyfajta tudományos munkát is végez a mozgás fázisainak vizualizálásában. Több projektjében is ez a központi téma a 90 években megcsinálta a

" Improvisation Technologies. A Tool for the Analytical Dance Eye"

ahol arra tesz kísérletet hogy egy geometriai rendszerbe helyezze és vizualizálja saját alkotói nyelvezetét.Ebből az derül ki hogy Forsythe a mozdulatokat softwearként használja és programozza.





Link:

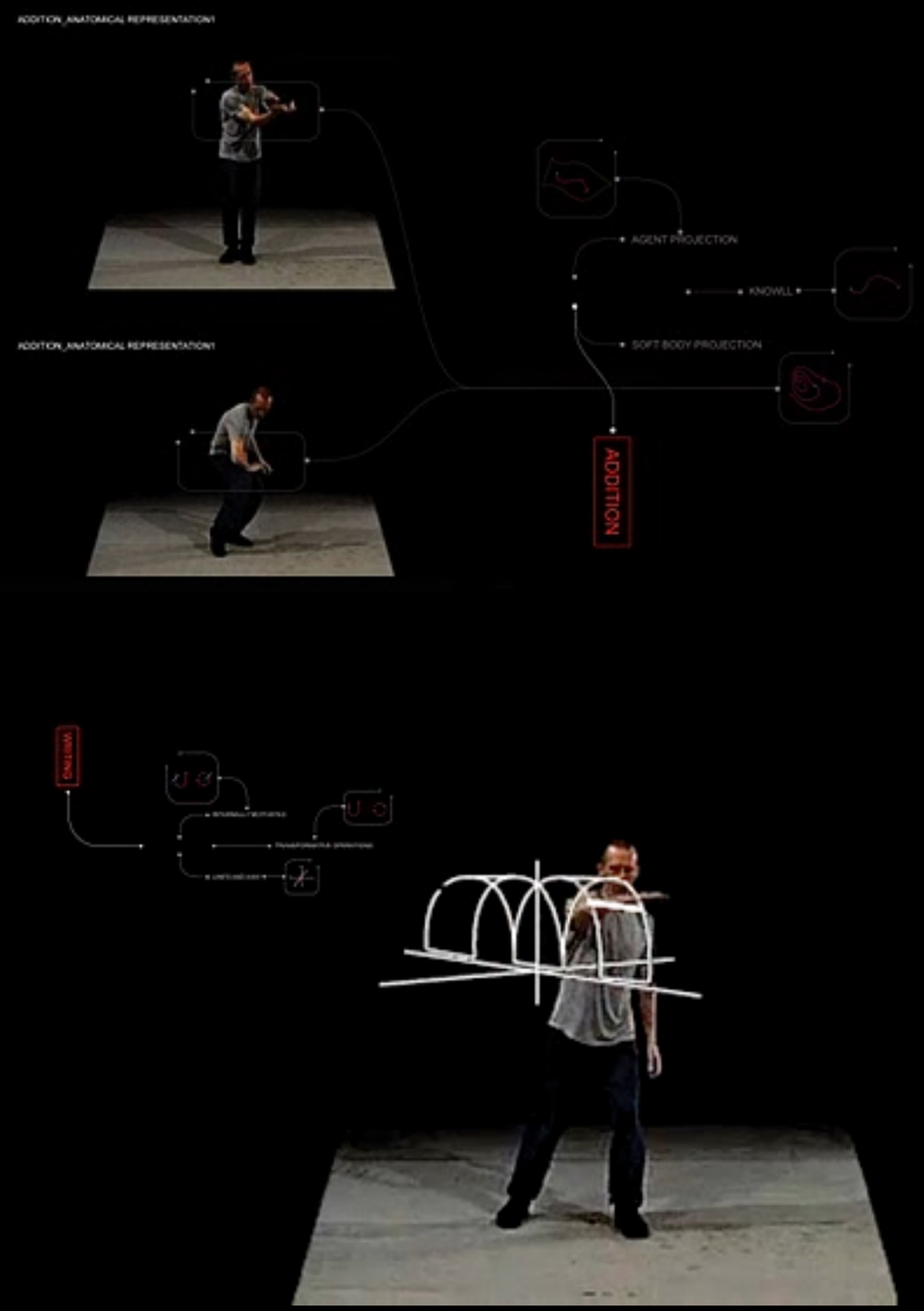
http://www.youtube.com/watch?v=ujb5InPrB3A&feature=related
http://www.youtube.com/watch?v=k6bqFBYSJ6E&feature=related

http://www.youtube.com/watch?v=9-32m8LE5Xg&feature=related

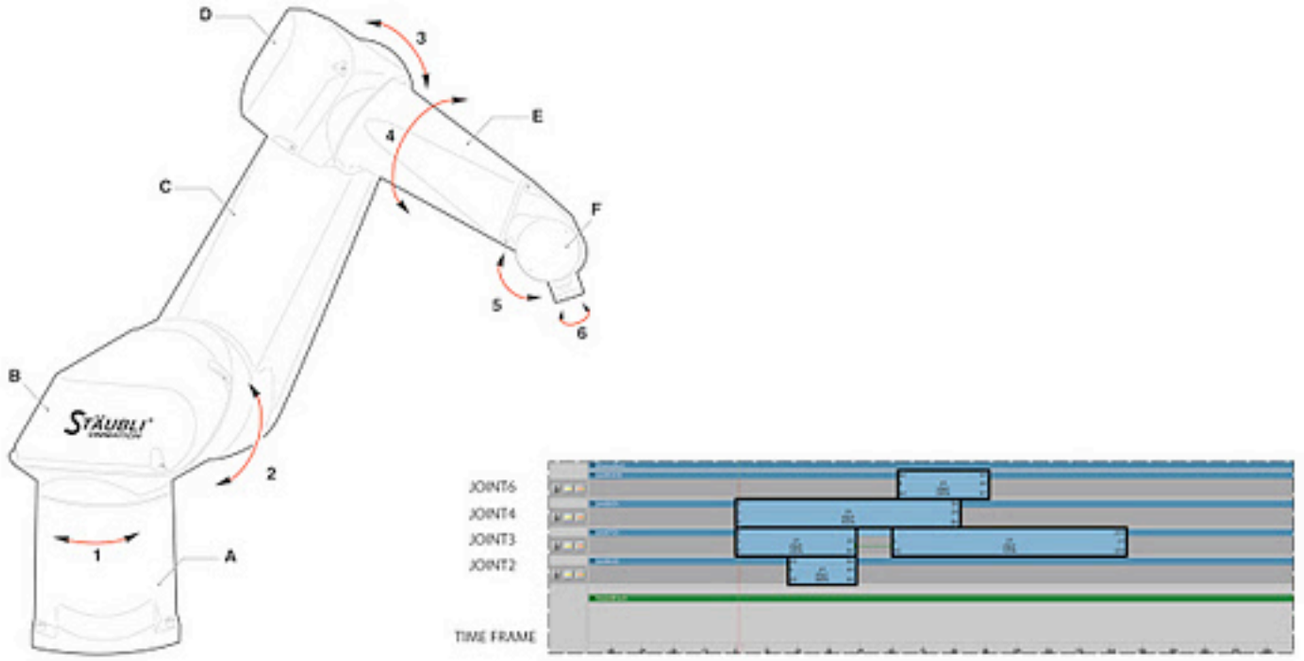
A Peter Testa’s studio is foglalkozott William Forsythe technológiájával

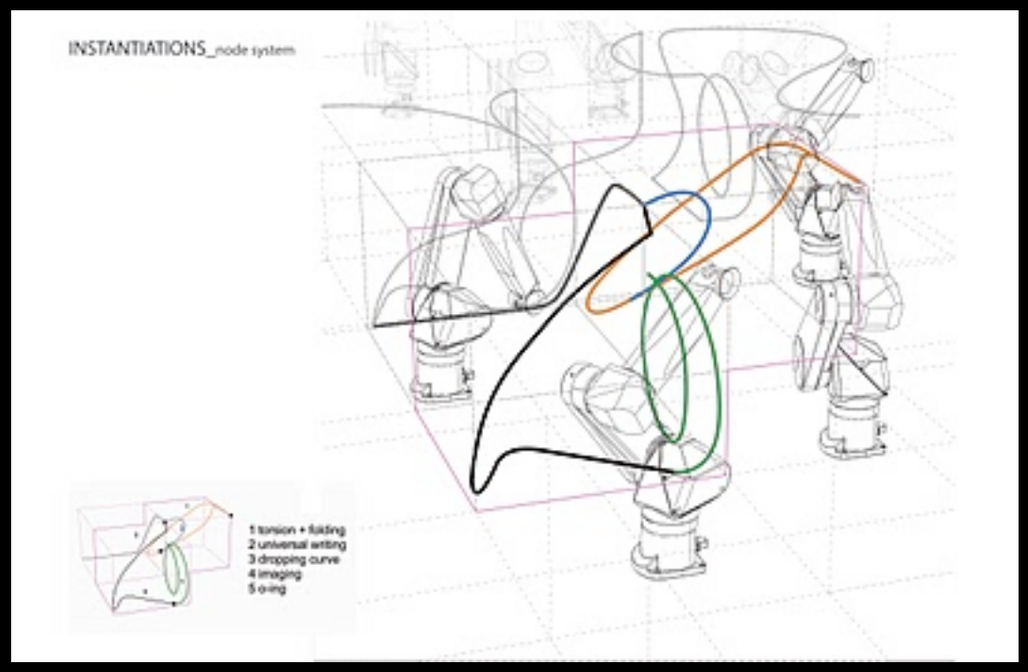
Kinetic isometrics and the improvisation techology

Draws from the fields of robotics and generative rule based choreograph to enable designers to invent and instantiate synchronous robotic movement based on complex improvisation technologies. Projects may work with relations of kinesphere and the cell space as a dynamic morphogenetic field, and energetic physio-spatial forming environment.
Inspired by the Synchronous Objects, (William Forsythe's ensemble dance entitled one flat thing reproduced through a series of objects that work in harmony to explore its choreographic structures and reimagine what else they might look like.) we categorized the movement from the William Forsythe dance and started to generalize the movements into a rule based grammar and to translate them to be the instruction set of the robotic movement. We create movement upon every joint and make each movement into a clip as a movement material, and composing the movement by shifting stretch the clips A bunch of separated movement with different constrains from each joint of the robot could merge into a complex indeterminate and unpredictable movement. Some movement require multiple robots to sense, respond,coordinate or queue each other with specific behaviors and sequencing of motion. So, in a way we could choreograph some form of non-deterministic yet coordinated sequences of movements among multiple robots via relays and switches plus a grammar of movement. it gives a new dimension of interpreting the improvisations and it enable the robots to be part of the design process more passively instead of only being part of the fabrication process.



MOVEMENT MATERIALS BASED ON EACH AXIS





ROBOT Kinetic isometrics

William Forsythe a Synchronous Objects egy uj fajta tánc vizualizációt hozz létre

Synchronous Objects reveals the interlocking systems of organization in William Forsythe's ensemble dance One Flat Thing, reproduced through a series of objects that work in harmony to explore its choreographic structures and reimagine what else they might look like.

http://synchronousobjects.osu.edu/