Clothes That Move: Why, and How?

A guided tour by Lea Albaugh

Frank-Ratchye STUDIO for Creative Inquiry
December 2, 2014
I’m Lea.
(pronounce: “DOR-doo-idea”)

@doridoidea

Doridoidea, commonly known as dorid nudibranchs (and previously known as the taxon Cryptobranchia), are a taxonomic superfamily of medium to large, shell-less sea slugs, marine gastropod mollusks in the clade Doridacea, included in the clade Nudibranchia.
Actuated Wearables: Why, and How?

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WEARABLES
TEXTILES
E-TEXTILES
LEDs
(light-emitting diodes)
CLOTHES
My work.
Design decisions.
what would cindy sherman do
Fig. 17. The correct costume is most satisfactory for an interview with a prospective employer. Obviously the figure at the left is careless and unbusinesslike. The girl at the right is overdressed for business.

Fig. 21. The plump or stocky girl appears more graceful and youthful in medium up-turned hats, vertical lines near center of figure, diagonal lines, plain sleeves, flared fullness in skirt, neat, narrow (slightly lowered but not dipping) waistline, short jackets, soft fullness over bust, A and B. She should avoid tiny hats, very wide belts, strap sandals, any emphasis at hip line, C and D.
How?
Hand-knotted motor from kobakant.at/DIY
It is difficult to build things for squishy meat bodies.
(read this book: Spacesuit - Fashioning Apollo)
• Build on shoulders.
• Use manipulable structures.
• Be okay with unpredictability.
• Make video art.
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Prosthetic Technologies of Being: Monarch & Nautilus from the Social Body Lab at OCAD University
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miura-ori
Diana Eng, Fairytale Fashion
smocking

Fig. 7-8. (a) Moving down inside a tube. (b) Stitching two tubes together, and moving up (c) to create rows of honeycomb stitches.
Actuated smocking
from kobakant.at/DIY
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Anouk Wipprecht, Smoke Dress VW
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see also: Diller+Scufidio’s Blur pavilion
Joo Youn Paek,
Self-Sustainable Chair
Lucy McRae for Robyn’s “Indestructible”
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Hussein Chalayan S/S 2007
Anouk Wipprecht, DareDroid 2.0
Local Androids, “Like Living Organisms”
“Age Gain Now Empathy System”
(AGNES)
So, what are you going to build?