Diffusion of 3D Knitting:
The Fashion Designer & the Digital Divide
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Knitwear is a $200 billion industry

source: businessoffashion.com
3D Knitting
woven material  VS  knit material
Comfort
Garment integrity
Less waste
Size inclusivity
Tech connection

3D knitting | Benefits | Design process | Method | Theme & implications | End
Digital fabrication synthesizes design + material creation

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3D Knitting Benefits Design Process Method Theme & Implications End
Designers’ experiences will inform the future
Artifacts + environment = touchstones
Themes

1. Communication Issues
2. Knowledge gaps
3. Reliance on programmers
4. Barriers to education
Machine capabilities and limitations inform design.
More training opportunities are needed.
The full capabilities of 3D knitting have yet to be realized.
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