Part I

Material Practice
Current design practice in architecture and engineering is undergoing radical changes. The ability to integrate advanced simulation in the early design phase and live sensor data from the environment of site, production, or material, fundamentally changes the act of design from one of pure projection to one of calibration of behavior. The speculative and creative process of design now engages tools that change the way we understand performance across the scales of environment, structure, element, and material giving us the ability to conceive new hybridized structural morphologies and rethink and invent their underlying material practices.

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