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#### Intimacy of Mutation

## John Wild



## 0x0 Noosphere

Electromagnetic waves beaming down from the skies, fiber-optic cables emerging from the seas, copper wires woven across the continents. The earthly envelope of land, air and ocean – the realm ed at every pulse to the microscopic mesh of nerve of organic life, or biosphere – is doubled by a second cells in our flesh<sup>1</sup>.

skin of electronically mediated thought: the noosphere. It's a vast, pulsating machine: a coded universe grown complex beyond our grasp yet connect-



# 0x1 the digital

protocols that include the ontic ma

The digital has escaped its systemic tethering and has terialities of digital infrastructures, emergent digital become entangled in the most intimate sensorial experiences of everyday life. Bodies are the receptors of interaction, logics in which code transduces the digital signals - receiving, transducing and integrating rhythm and flow of physical space, narratives emerthem into biological processes. The digital and bodies gent from machine learning systems that stabilise and interface through a complex set of procedures and order power and control, and processes that connect digital flows directly to the human nervous system.<sup>2</sup>



### 0x2 ontics

The digital is rooted in the representation and bodies into the materiality of digital systems forming labour of Artificial Artificial Intelligence.3

techno-social assemblages. These are technologies storage of information in the form of binary signals and people that combine to work as heterogeneusing physical qualities such as voltage or magnetic ous yet functional wholes. Contemporary circuits of polarisation. Digital systems translate all input into communication would not function without human binary structures of 0s and 1s, which can then be bodies physically routing and re-routing patch castored, manipulated, and transmitted as a sequence bles in the meet-me room of server farms, and many of voltage pulses. Invisible labour integrates human Al systems require the hidden bodies that form the



#### 0x3 aesthetics

capturing the pervasiveness of digital processes ment perceived by bodies.

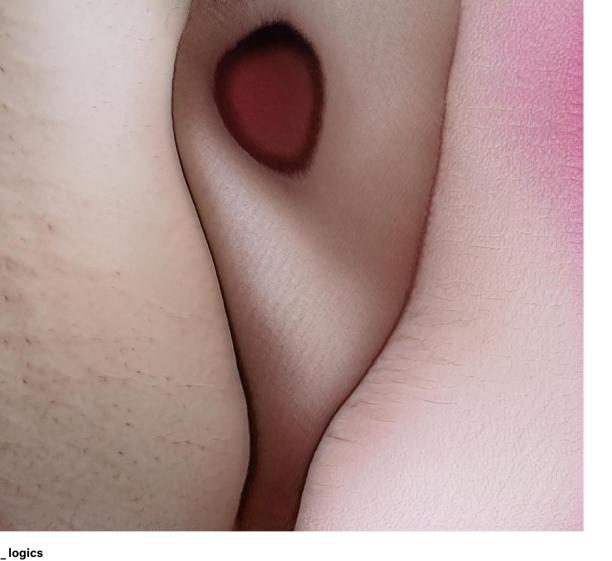
The conversion between analogue and digital pro-shaping how bodies experience space and spatiality duces aesthetic qualities beyond the technical - it (socio-spatial relations) as always already 'marked by alters how things look and feel. The digital slips from circuits of digitality' that are themselves irreducible its material origin to describe the aesthetics and to digital systems. 4 'the digital' has become too enartefacts of digital processes. Algorithms subsumed twined with culture for it to be dislodged entirely and within software directly influence the look and feel of identified discretely. It has become an integral part everyday artefacts. Digitality, then, is an aesthetics, of the human sensorium - the total sensory environ-



## 0x4\_atmospheres

Technical objects are not lifeless mechanisms but actively produce spatiotemporal atmospheres, which shape bodies immersed in these atmospheres. Technical objects relate to one another and objects). Machine-to-machine interactions outside to human beings outside of human consciousness or of human perception create atmospheres beyond intentionality. Invisible machine-to-machine interaction. These atmospheres are real tion hidden within 'black-boxed technologies' sinks moments of space-time that are felt by bodies and into the background of human perception. Technical shapes the capacities and conduct of both humans objects relate to one another through 'perturba

tions', which are active in the production of atmospheres (a term that refers to the circulation of perturbations to produce space times local to technical and non-humans.



The digital not only influences how space is felt and understood, it also impacts on the structure and ordering, the quotidian rhythms,<sup>7</sup> time, flows and spatial configurations. For example, automated systems lice bodies using systems that preemptively predict operated by companies such as Deliveroo create contributing to the production of the spatial ambience of city space. The implementation of Machine

learning provides digital systems agency to order and re-order physical space and temporal flows. In the US, Machine Learning has been deployed to pocrime<sup>®</sup> or identify potential terrorists at its borders.<sup>®</sup> turing the space-time of lived experience.



## 0x6\_discourse

The digital functions through discourse which actively promote, enable, secures, and materially sustains the increasing reach of digital technologies. Discourse is understood in Foucauldian terms as the rithms, presented as disinterested scientific rational narratives, cultural myths, ideologies, or unacknowl- actors, develop narratives which reproduce social edged assumptions that inform and impart direction hierarchies, division, and exclusion, often based on to the micro-practices of everyday life and influence bodily characteristics of race, gender, class, and wider social goals. Narratives have long been used sexuality.

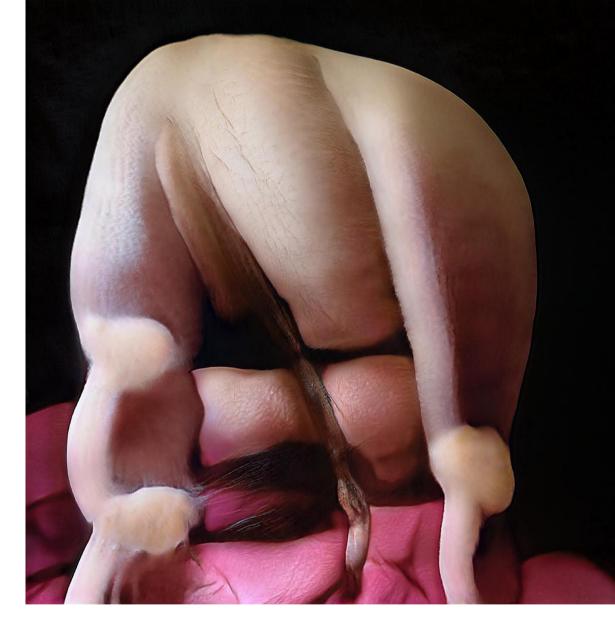
as tools in the infrastructures of power and control. Understood as representations of the world, they are increasingly automated. Machine learning algo-



#### 0x7\_ sympathetic nervous system

Heart rate and blood pressure increase, adrenaline released, blood vessels constrict, pupils dilate, pores open, and sweat is excreted. Beads of perspiration glisten visibly on the skin as the body is penetrated by digital signals below the level of conscious cognition. The digital engages in a nonconscious connec

tion with the body's sympathetic nervous system producing states of arousal, anxiety, or depression. The digital connection to the sympathetic nervous system is a powerful interface and plays an instrumental role in political propaganda and the mobilisation of bodies both to sustain and disrupt systems of power and control.



#### 0x8 Intimacy of Mutation

tracting data, analysing, mapping, forming abstract representations and extracting surplus value from our most intimate interactions, desires, and dreams.

Artificial intelligence (AI) feeds off human bodies, ex- unfolds within bodies. Intimacy of mutation does not try to present a universal Human body. It functions as a corrupt data set, presenting a forensically intimate mutating por-Intimacy of mutation explores the algorithmic gaze<sup>10</sup> trait of a singular non-binary body that refuses the of machine learning to investigate how 'the digital' stability of gendered biological construction.