

Capital and the computer

Lachlan Kermode

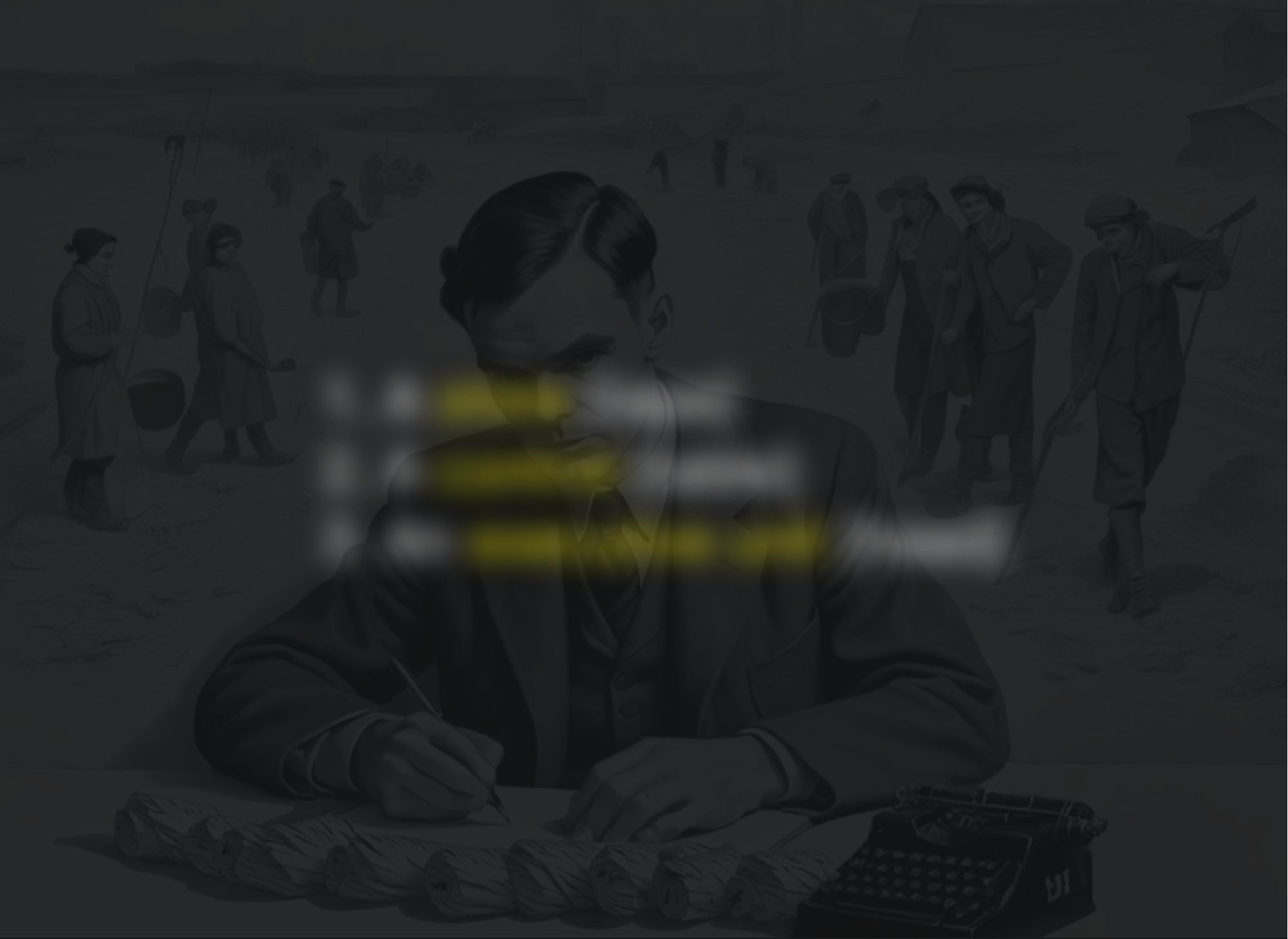
Slides: <https://ohrg.org/slides>

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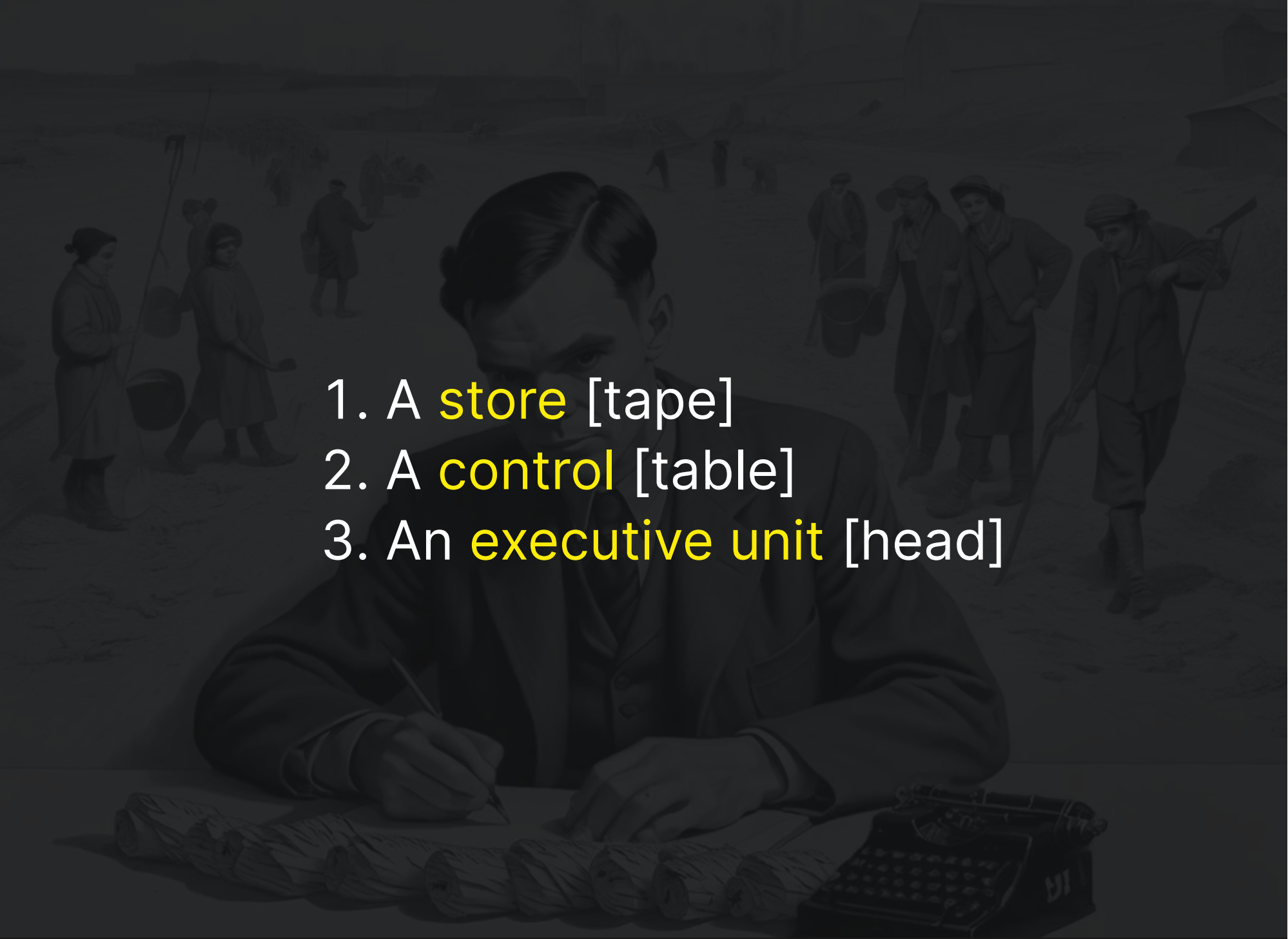
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3. The contemporary hysteria of A.(G.)I. should be treated by attending to **1** and **2**.

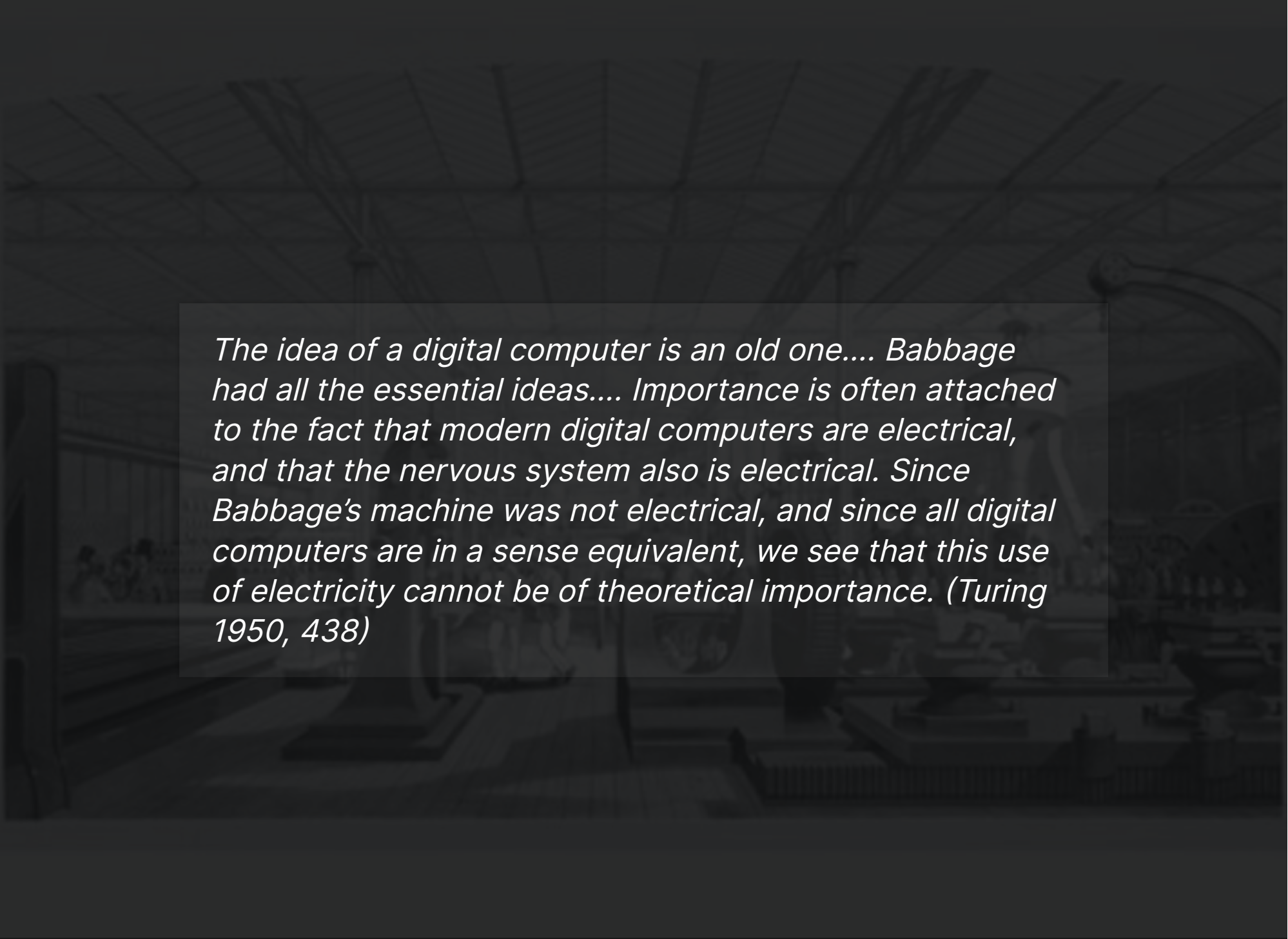


A composite image featuring a man in a suit sitting at a desk, writing with a pen. On the desk are several rolled-up documents and a vintage typewriter. The background is a faded, grayscale illustration of a busy street scene with many people walking, some carrying bags or buckets, suggesting a market or a busy urban environment. The overall tone is historical and professional.

1. A store [tape]

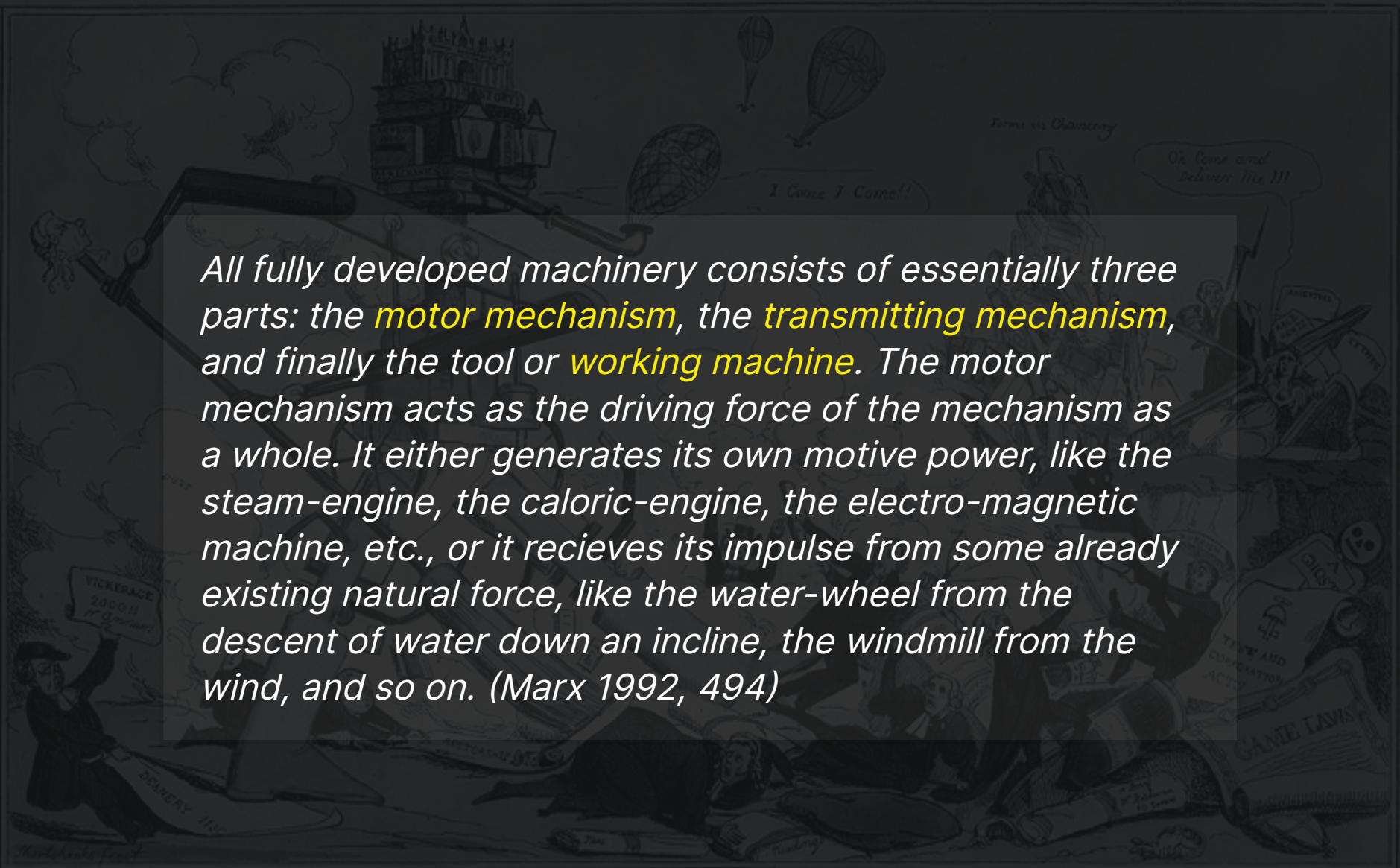
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1. A **store** [tape]
 2. A **control** [table]

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1. A **store** [tape]
2. A **control** [table]
3. An **executive unit** [head]



The idea of a digital computer is an old one.... Babbage had all the essential ideas.... Importance is often attached to the fact that modern digital computers are electrical, and that the nervous system also is electrical. Since Babbage's machine was not electrical, and since all digital computers are in a sense equivalent, we see that this use of electricity cannot be of theoretical importance. (Turing 1950, 438)

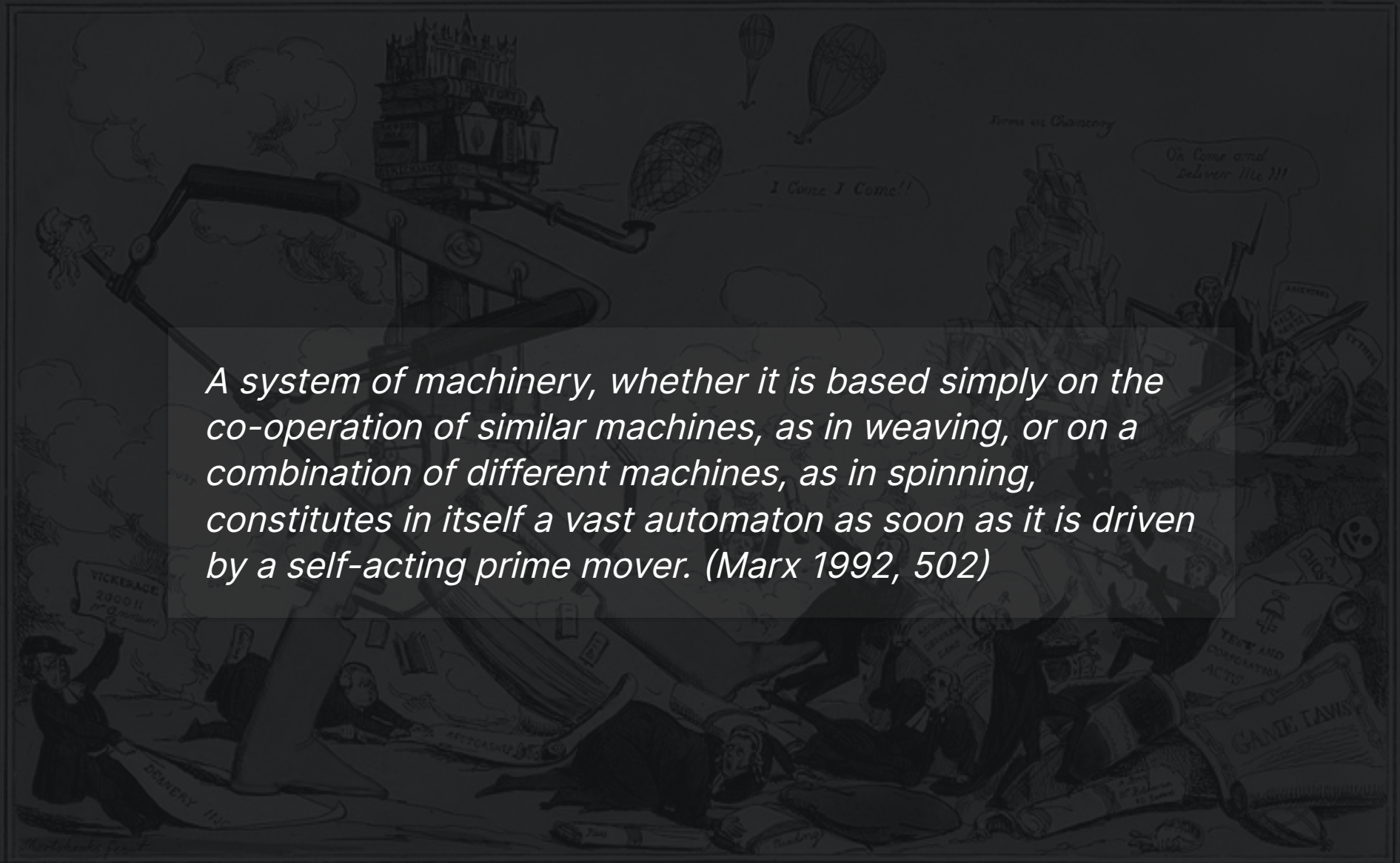
THE MARCH OF INTELLECT.



All fully developed machinery consists of essentially three parts: the **motor mechanism**, the **transmitting mechanism**, and finally the tool or **working machine**. The motor mechanism acts as the driving force of the mechanism as a whole. It either generates its own motive power, like the steam-engine, the caloric-engine, the electro-magnetic machine, etc., or it receives its impulse from some already existing natural force, like the water-wheel from the descent of water down an incline, the windmill from the wind, and so on. (Marx 1992, 494)

I saw a Vision, a Giant form appeared. Its eyes were burning lights, even of Gaiety, and on its bearded head it bore a Crown of many towers. Its Body was an Engine, yea of Steam, its arms were and the legs with which it strode like unto perfect that men called printers use, from whence fell ever and anon small Books that fed the little people of the Earth. It rose and in its hand it took a Beacon to sweep the rubbish from the face of the land, the Special pleaders & their wigs also & the Quack Doctors also and the ghosts & those that believe them & the Creators of those that set themselves above the laws & the Delays in Chancery it utterly destroyed, likewise it swept from the Clergy every Plurality. Nevertheless the Lawyers & the Parsons & divers others kicked up a great Dust!!!

THE MARCH OF INTELLECT.



A system of machinery, whether it is based simply on the co-operation of similar machines, as in weaving, or on a combination of different machines, as in spinning, constitutes in itself a vast automaton as soon as it is driven by a self-acting prime mover. (Marx 1992, 502)

I saw a Vision, a Giant form appeared. Its eyes were burning lights, even of Gaiety, and on its crowned head it bore a Crown of many towers, Its Body was an Engine yea of Steam, its arms were iron and the legs with which it strode like unto perfect that men called printers use, from whence fell ever and anon small Books that fed the little people of the Earth, It rose and in its hand it took a Banner to sweep the rubbish from the face of the land, the Special pleaders & their wigs also & the Quack Doctors also and the ghosts & those that believe in them & the Creators of those that set themselves above the laws & the Delays in Chancery it utterly destroyed likewise it swept from the Clergy every Plurality, Nevertheless the Lawyers & the Parsons & divers others kicked up a great Dust!!!

THE MARCH OF INTELLECT.

Turing

Marx

executive unit

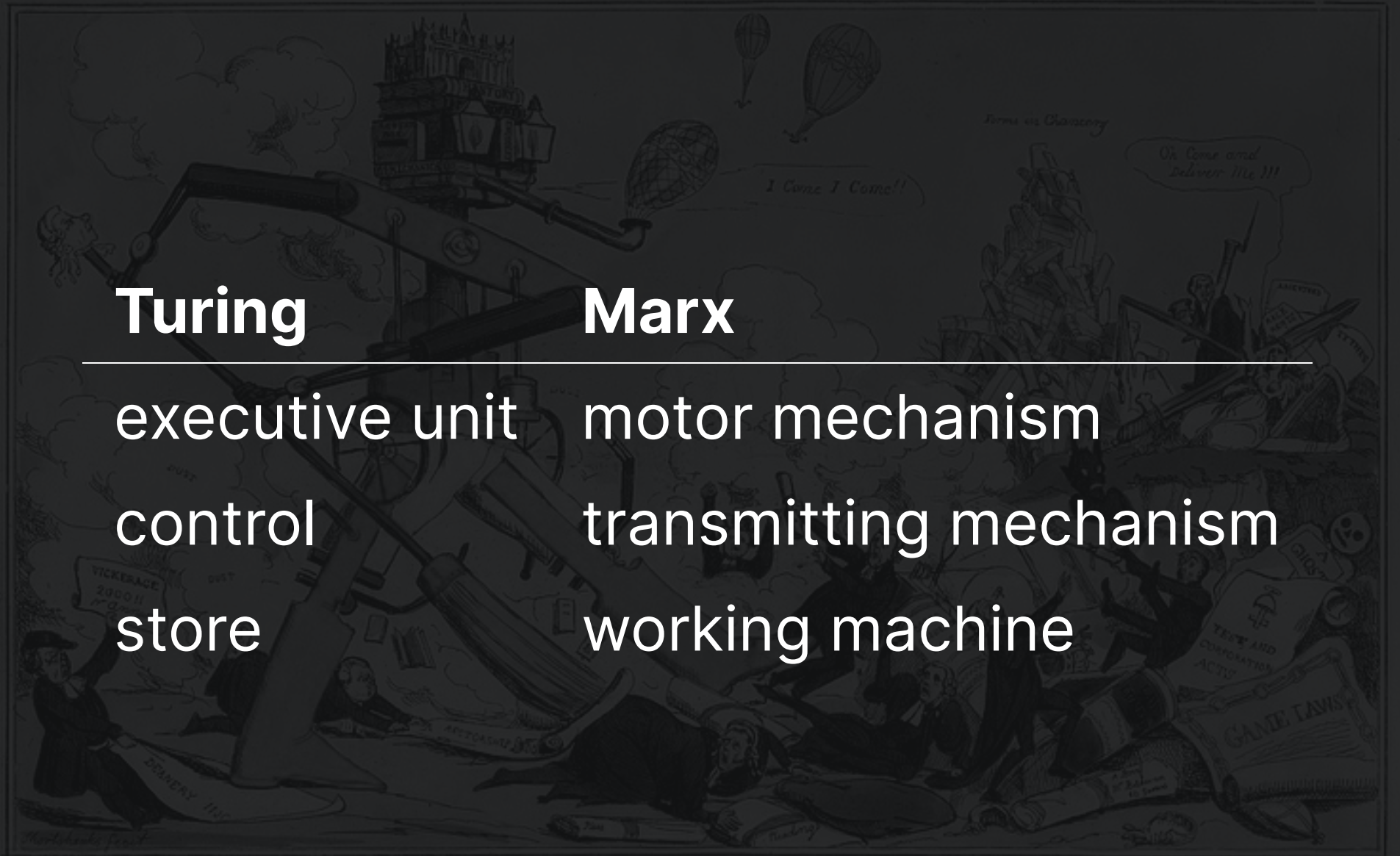
motor mechanism

control

transmitting mechanism

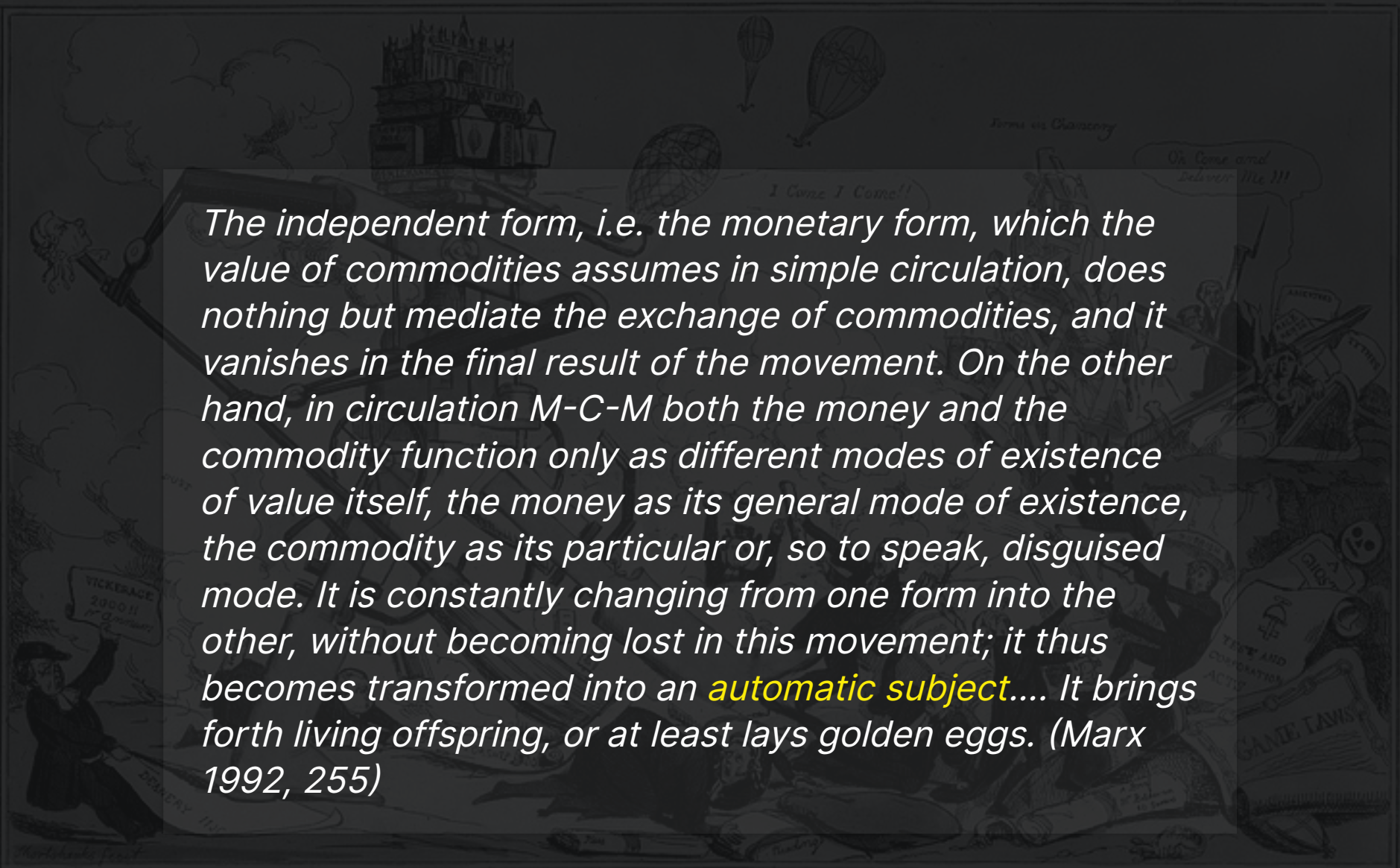
store

working machine



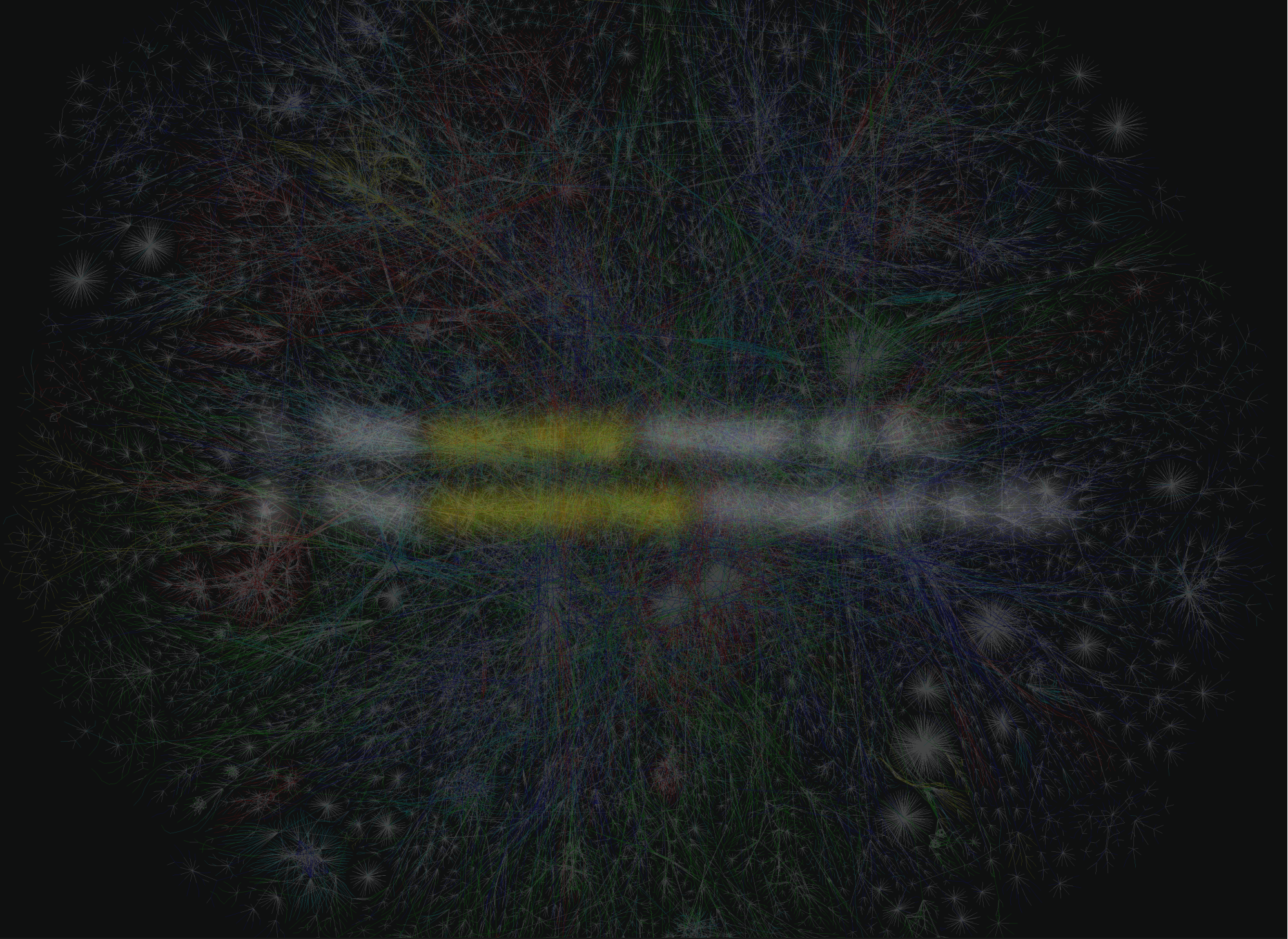
I saw a Vision, a Giant form appeared. Its eyes were burning lights, even of Gaiety, and on its bearded head it bore a Crown of many towers. Its Body was an Engine yea of Steam, its arms were iron and the legs with which it strode like unto preposterous men called printers use, from whence fell ever and anon small Books that fed the little people of the Earth. It rose and in its hand it took a Banner to sweep the rubbish from the face of the land, the Special pleaders & their wigs also & the Quack Doctors also and the ghosts & those that whisper Horrors & the Creations of those that set themselves above the laws & the Delays in Chancery it utterly destroyed likewise it swept from the Clergy every Plurality. Nevertheless the Lawyers & the Parsons & divers others kicked up a great Dust!!!

THE MARCH OF INTELLECT.



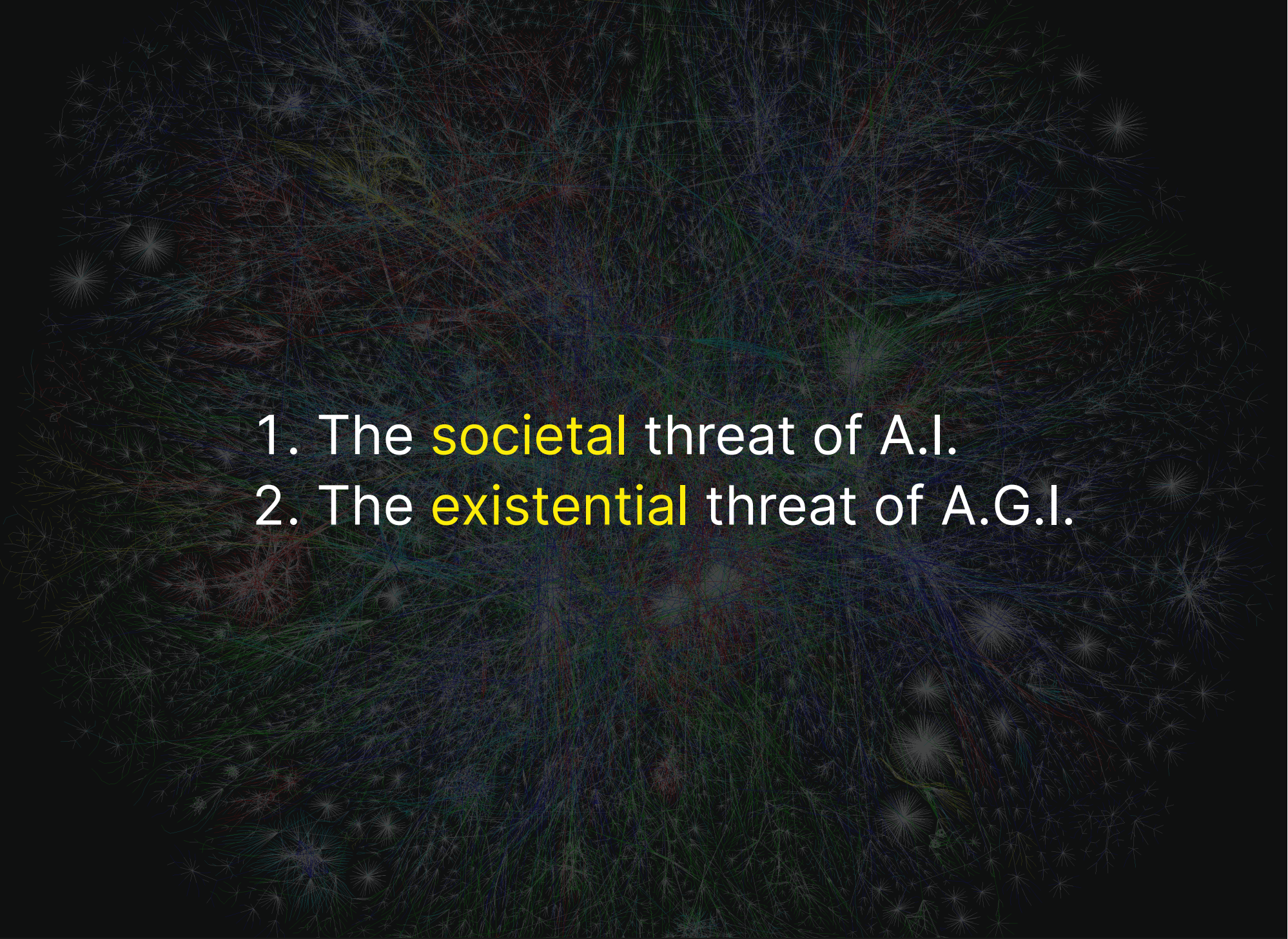
The independent form, i.e. the monetary form, which the value of commodities assumes in simple circulation, does nothing but mediate the exchange of commodities, and it vanishes in the final result of the movement. On the other hand, in circulation M-C-M both the money and the commodity function only as different modes of existence of value itself, the money as its general mode of existence, the commodity as its particular or, so to speak, disguised mode. It is constantly changing from one form into the other, without becoming lost in this movement; it thus becomes transformed into an **automatic subject**.... It brings forth living offspring, or at least lays golden eggs. (Marx 1992, 255)

I saw a Vision, a Giant form appeared. Its eyes were burning lights, even of Gaiety, and on its bearded head it bore a Crown of many towers. Its Body was an Engine, yea of Steam, its arms were and the legs with which it strode like unto perfect that men called printers use, from whence fell ever and anon small Books that fed the little people of the Earth. It rose and in its hand it took a Banner to sweep the rubbish from the face of the land, the Special pleaders & their wigs also & the Quack Doctors also and the ghosts & those that believe them & the Creators of those that set themselves above the laws & the Delays in Chancery it utterly destroyed, likewise it swept from the clergy every Plurality. Nevertheless the Lawyers & the Parsons & others kicked up a great Dust!!!



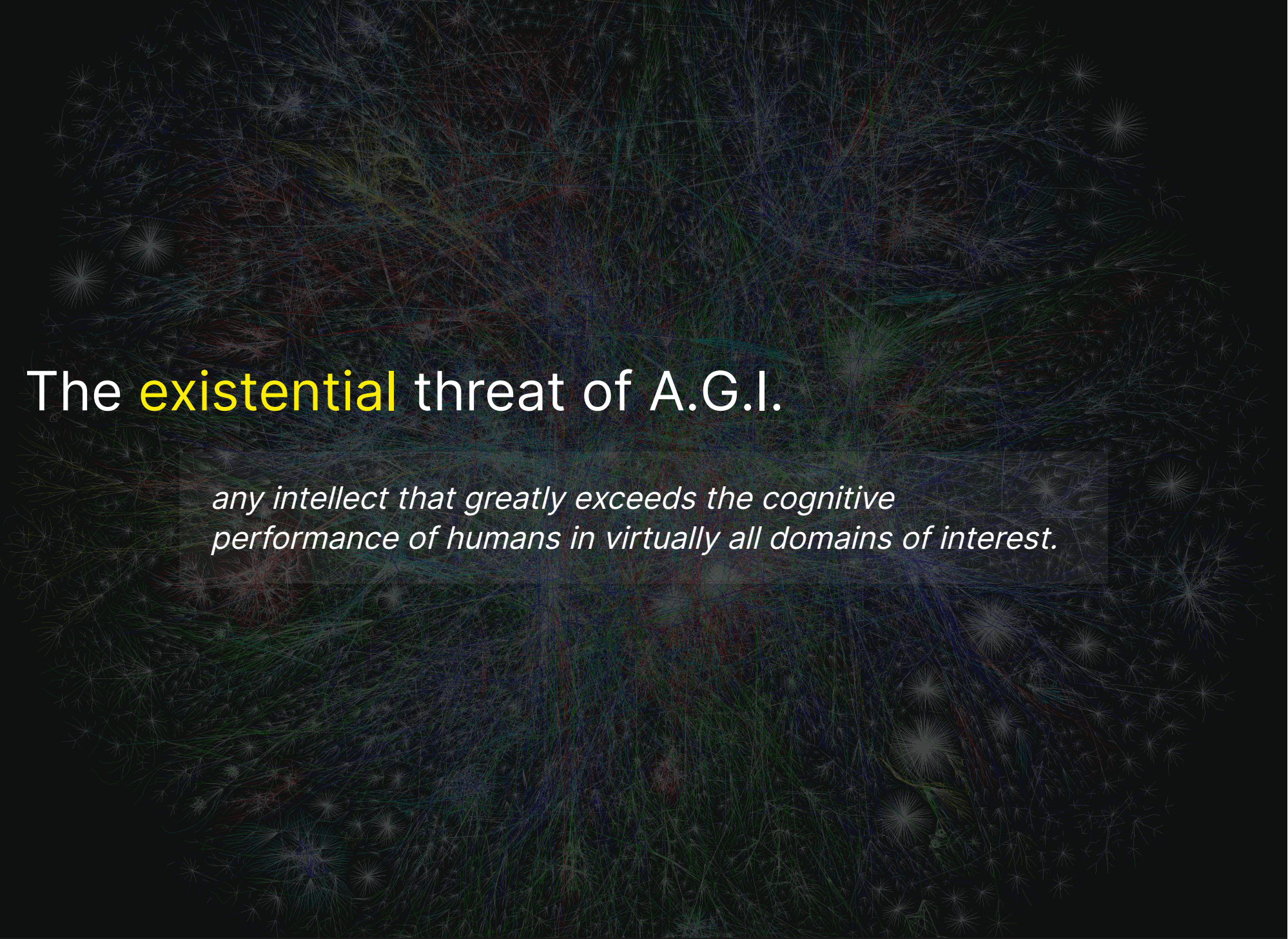


1. The **societal** threat of A.I.

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 2. The **existential** threat of A.G.I.



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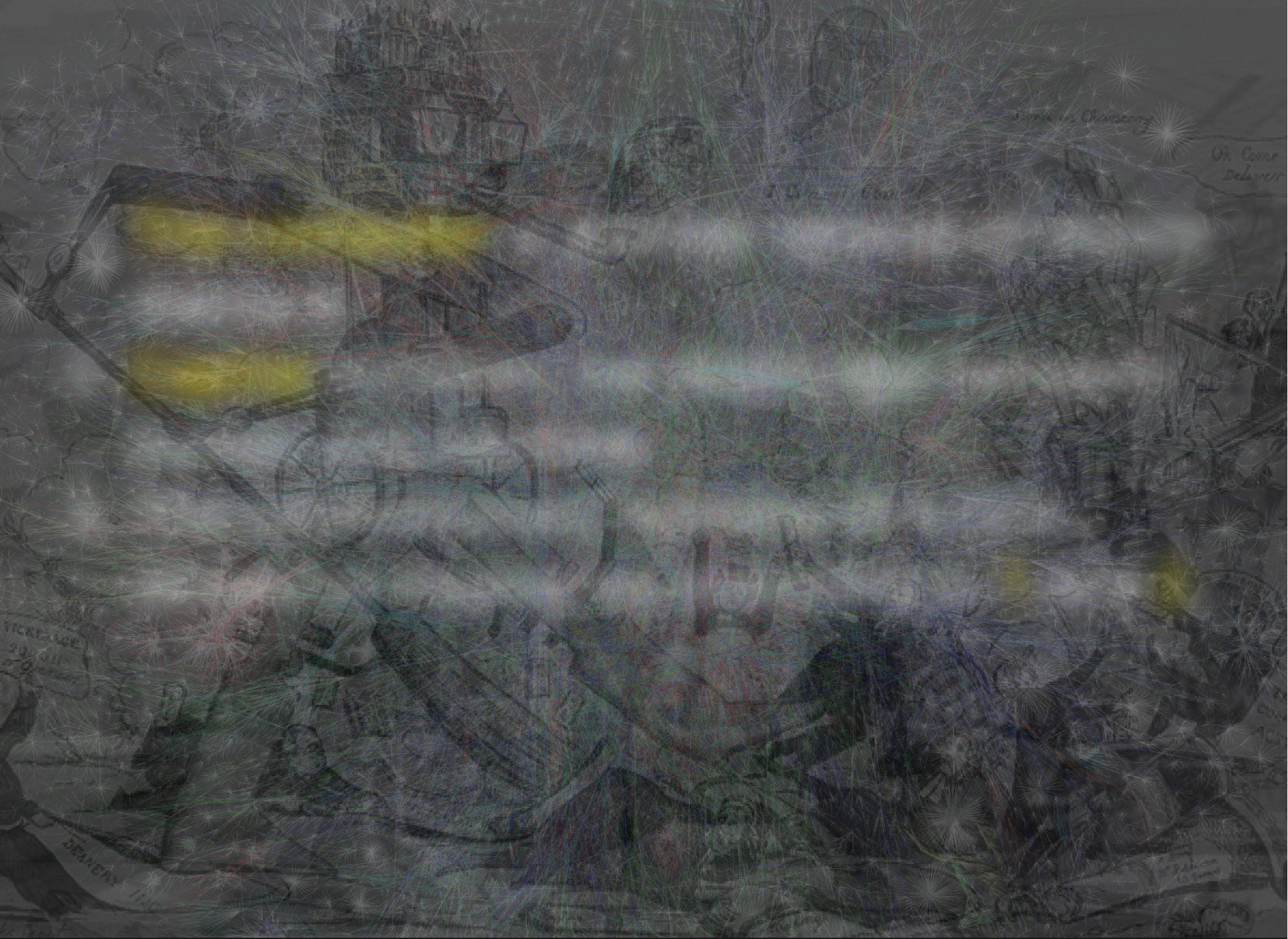


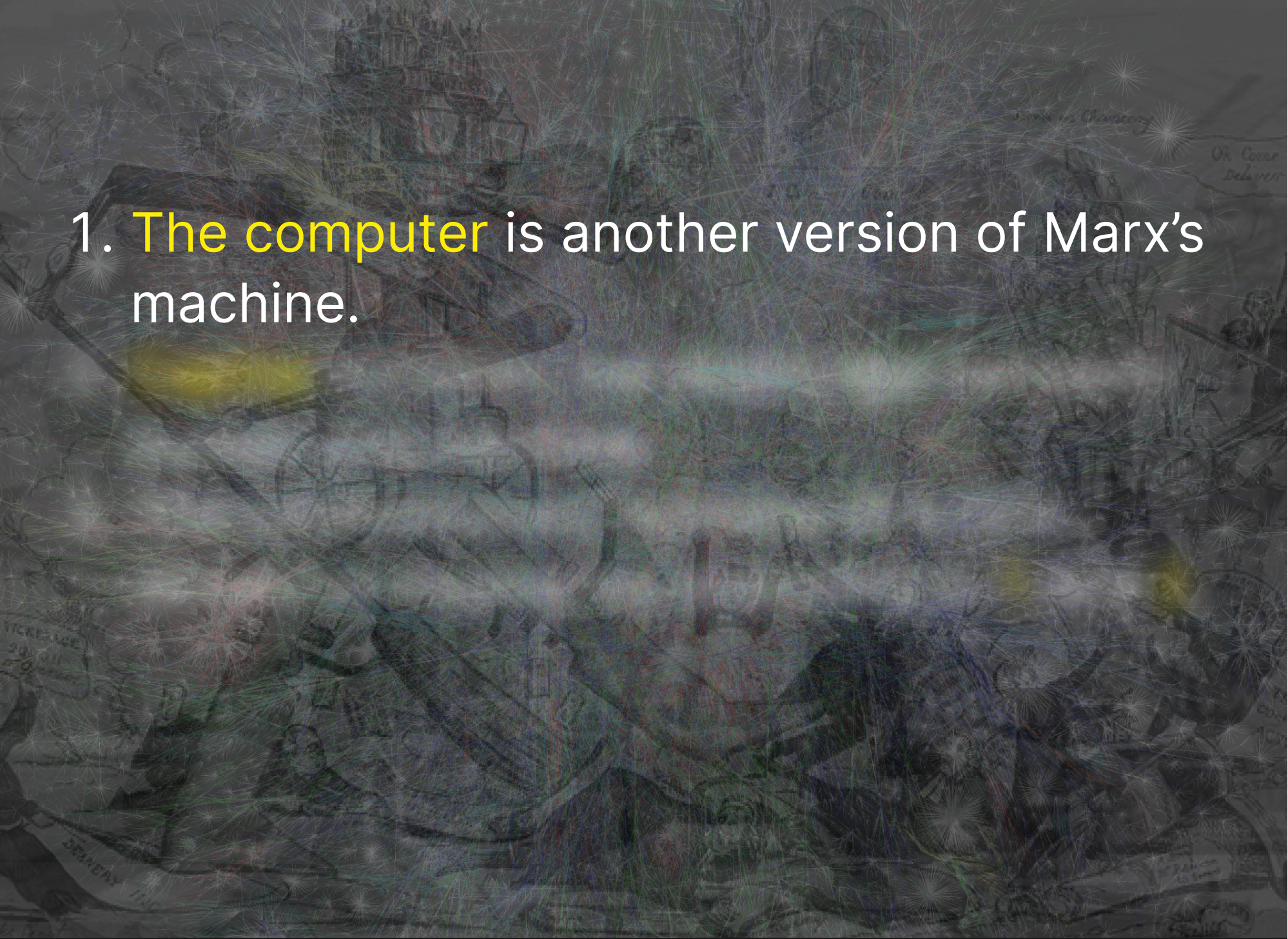
The **existential** threat of A.G.I.

any intellect that greatly exceeds the cognitive performance of humans in virtually all domains of interest.

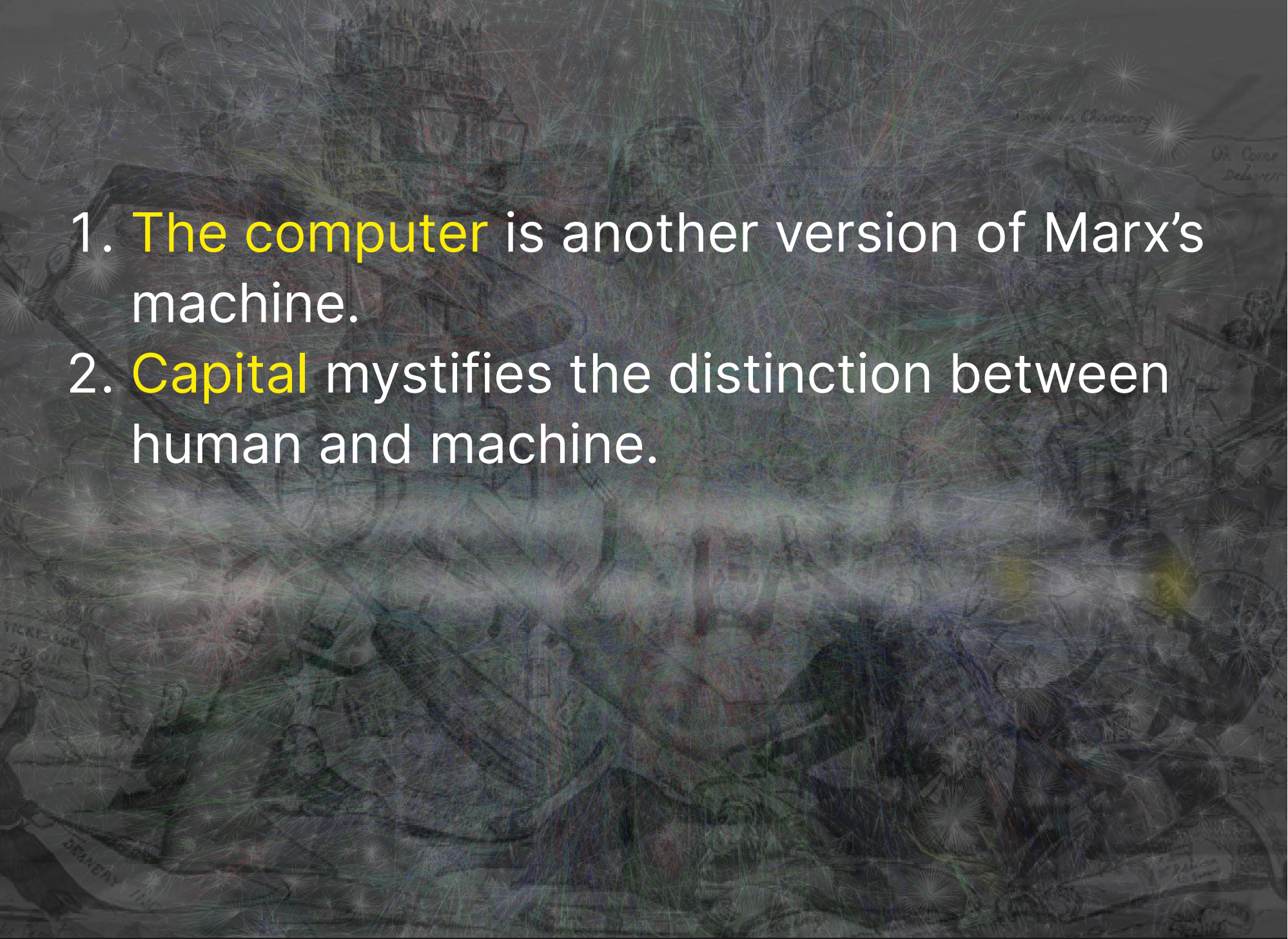


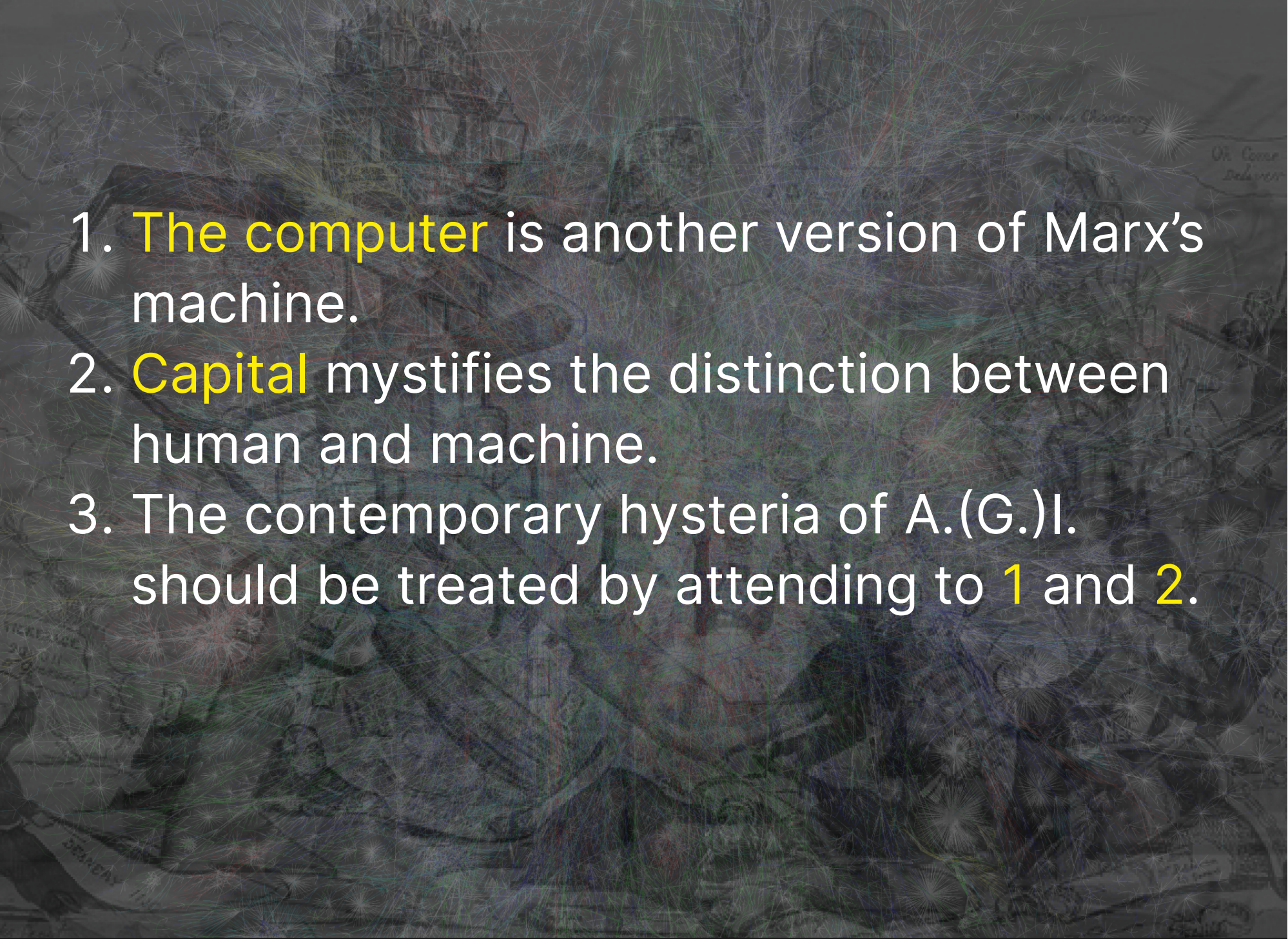
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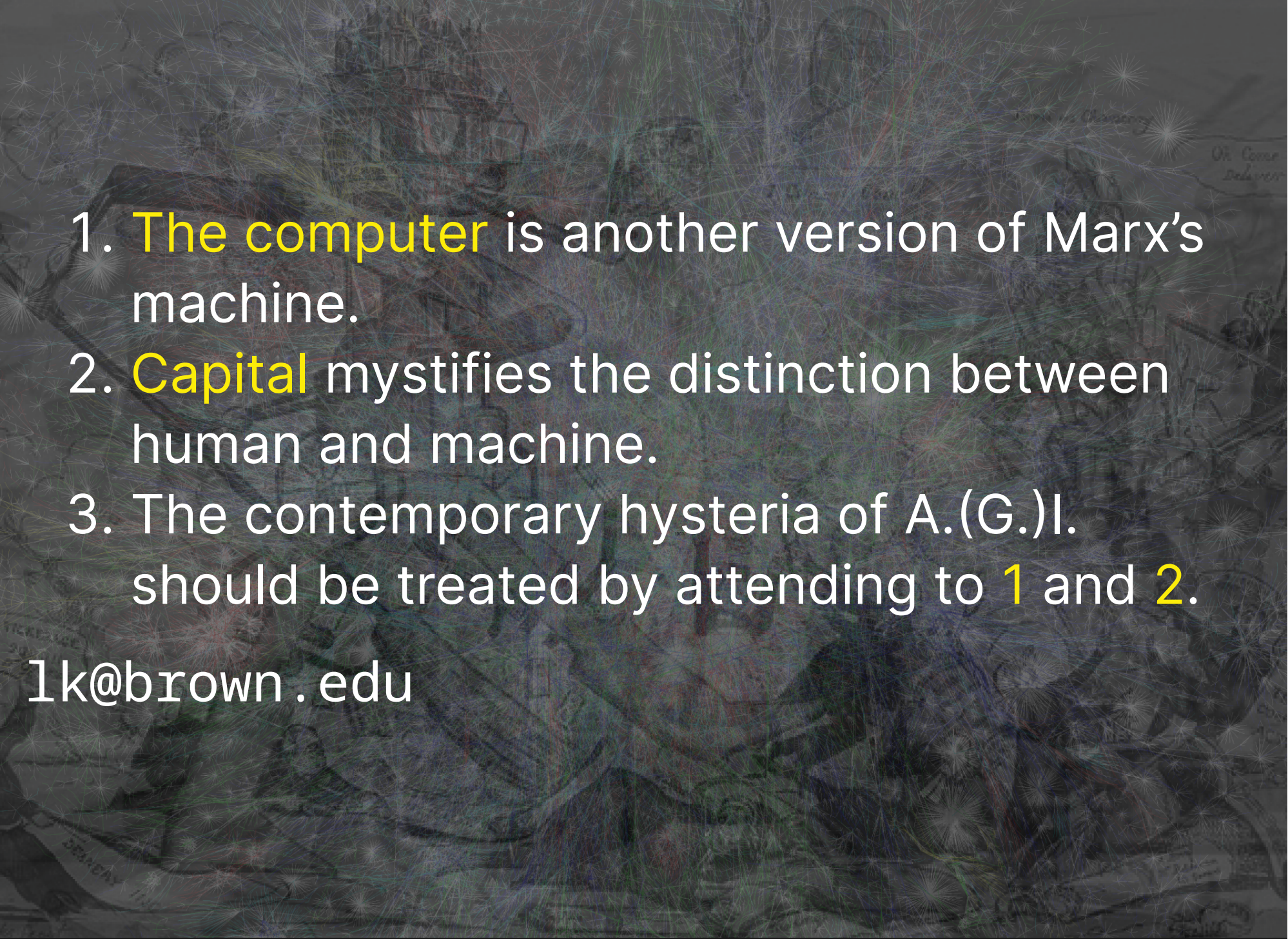




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