Research project: 
**Markets on Move**

**Toward cyber capitalism or cyber communism?**

*Comments and contributions highly welcome*

Pietro Terna  (September 2019)

---

The *Jean Tirole paradox*, in Tirole (2016): the winner in economic system competition, the market, is collecting blames from everywhere.

A costly *calculating machine*

**From** Enrico Barone (1908) to The People’s Republic of Walmart (2019) via Cybernetics–in the service of communism (1961)

Less and less true, with the big merchants, as Walmart, Amazon, Alibaba

---

The *winner → looser*  

The market as a *giant calculating machine*, coordinating hundreds of millions or billions of person; the *costs of the machine*: waste of resources, environmental charges, deep inequalities, lack of vision about the future

*To market, or not to market?*

The great advantage of the *market-machine*: it works alone, without interventions, but this is not so true, due to monopolies, oligopolies, and marketing

---

**How to save individuals’ behavior in the market and how to preserve creativity, serendipity, and discontinuous innovations**

We can build a highly stylized simulation model of the markets on move (similar to [https://terna.to.it/nm/Ricardo&Marx.html](https://terna.to.it/nm/Ricardo&Marx.html), related to AI and Jobs)

**References**


