

**Transboundary Pollution, R&D Spillovers, Absorptive Capacity and  
International Trade**  
(E-conomics-903-1)

by

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This paper studies the interaction between transboundary pollution, R&D spillovers, absorptive capacity and international trade. It adopts a non-cooperative approach and the three-stage game is resolved backward for perfect-Nash equilibrium. The idea is interesting. However, the paper is not well written. Here are some remarks:

- 1) Many grammatical and language errors even in the abstract.
- 2) Many phrases are not clear and even false. For example, "In section 1, we introduce the model" (page 6, second paragraph).
- 3) The author states directly Proposition 2. Where is Proposition 1?
- 4) Propositions are not well stated.
- 5) Many paragraphs are copied-pasted from other papers: footnote 1 is exactly copied from Ben Youssef (2009, page 238, last paragraph).
- 6) Inequality (23) is unclear.
- 7) I think that strict concavity implies the existence of a unique solution in Propositions 3 and 8.

To conclude, the ideas developed by this paper are interesting and can lead to a good paper. However, the present version is not well written nor well exposed. I recommend the author to work on this paper more seriously. **I recommend major revision.**