



# Ngoc-Sang Pham

pns.pham@gmail.com

## Axe de recherche

Transitions, Environnement, Énergie, Institutions, Territoires

## Thème(s)

Croissance économique; Equilibre général

HAL: [Lien](#)

## 📄 Documents de travail

---

HAL: [Lien](#)

11/2025 - Endogenous Innovation in a Growth Model à la Solow  
Cuong Le Van, Trong Tin Nguyen, Thi Kim Cuong Pham

# Publications

---

**HAL:** [Lien](#)

**2023** - Pascal Gourdel, Cuong Le Van, Ngoc-Sang Pham, Cuong Tran Viet. Hartman-Stampacchia theorem, Gale-Nikaido-Debreu lemma, and Brouwer and Kakutani fixed-point theorems. 2026. (hal-04008394v3)

<https://hal.science/hal-04008394v3>

**2025** - Thanh Tam Nguyen-Huu, Ngoc-Sang Pham. FDI versus R&D in an endogenous growth model. 2026. (hal-04902207v2)

<https://hal.science/hal-04902207v2>

**2026** - Pascal Gourdel, Cuong Le Van, Ngoc-Sang Pham, Cuong Tran Viet. Hartman-Stampacchia Theorems, Gale-Nikaidô-Debreu Lemma, and Brouwer and Kakutani Fixed-Point Theorems. Journal of Optimization Theory and Applications, 2026, 209 (1), pp.24. (10.1007/s10957-026-02971-x). (hal-05588633)

<https://hal.science/hal-05588633v1>

**2026** - Stefano Bosi, David Desmarchelier, Ngoc-Sang Pham. A note on first-order and transversality conditions in infinite-horizon continuous-time optimal control models. 2026. (hal-05568441)

<https://hal.science/hal-05568441v1>

**2026** - Cuong Le Van, Ngoc-Sang Pham, Thi Kim Cuong Pham, Binh Tran-Nam. Governance, Productivity and Economic Development. Journal of Public Economic Theory, 2026, 28 (1), (10.1111/jpet.70099). (hal-05469587)

<https://hal.science/hal-05469587v1>

**2025** - Cuong Le Van, Ngoc-Sang Pham, Thi Kim Cuong Pham, Binh Tran-Nam. Governance, productivity and economic development. 2025. (hal-05163866v2)

<https://hal.science/hal-05163866v2>

**2025** - Thi Kim Cuong Pham, Ngoc-Sang Pham, Cuong Le Van, Tin Nguyen-Trong. Endogenous Innovation in a Growth Model à la Solow. 2025. (halshs-05388671)

<https://shs.hal.science/halshs-05388671v1>

**2025** - Ngoc-Sang Pham, Cuong Le Van. Equilibrium With Non-Convex Preferences: Some Insights. Bulletin of Economic Research, 2025, (10.1111/boer.70024). (hal-05498308)

<https://hal.science/hal-05498308v1>

**2025** - Hai Ha Pham, Ngoc-Sang Pham. Wariness and Poverty Traps. 2025. (hal-05316023)

<https://hal.science/hal-05316023v1>

**2025** - Ngoc-Sang Pham. (Non-Monotonic) Effects of Productivity and Credit Constraints on Equilibrium Aggregate Production in General Equilibrium Models with Heterogeneous Producers. 2025. (hal-04901381v2)

<https://hal.science/hal-04901381v2>

**2025** - Stefano Bosi, Cuong Le Van, Ngoc-Sang Pham. To Bubble or Not to Bubble: Asset Price Dynamics and Optimality in OLG Economies. 2025. (hal-05199274v2)

<https://hal.science/hal-05199274v2>

**2025** - Cuong Le Van, Thanh Tam Nguyen-Huu, Phu Nguyen-Van, Ngoc-Sang Pham. Đổi mới sáng tạo

để thoát bẫy nghèo khó, bẫy thu nhập trung bình và bẫy tăng trưởng trung bình?. 2025.  
(hal-05158494)  
<https://hal.science/hal-05158494v1>

2025 - Cuong Le Van, Ngoc-Sang Pham. Equilibrium with non-convex preferences: some insights. 2025. (halshs-03177843v2)  
<https://shs.hal.science/halshs-03177843v2>

2024 - Hai Ha Pham, Ngoc-Sang Pham. Effects of wariness on economic growth in overlapping generations models. Journal of Mathematical Economics, 2024, 115, pp.103060. (10.1016/j.jmateco.2024.103060). (hal-04918980)  
<https://hal.science/hal-04918980v1>

2024 - Ngoc-Sang Pham. The relationship between general equilibrium models with infinite-lived agents and overlapping generations models, and some applications. 2024. (hal-04776166v4)  
<https://hal.science/hal-04776166v4>

2023 - Hai-Ha Pham, Ngoc-Sang Pham. Effects of Wariness on Economic Growth in Overlapping Generations Models. 2024. (hal-04453981v2)  
<https://hal.science/hal-04453981v2>

2024 - Ngoc-Sang Pham. Essays in Dynamic General Equilibrium and Economic Growth. Economics and Finance. Université de Paris 1 - Panthéon La Sorbonne, 2024. (tel-04855848)  
<https://hal.science/tel-04855848v1>

2024 - Thanh Le, Cuong Le Van, Ngoc-Sang Pham, Cagri Saglam. Sperner's lemma and competitive equilibrium with incomplete financial markets. Economics Letters, 2024, 238, pp.111720. (10.1016/j.econlet.2024.111720). (hal-04552148)  
<https://hal.science/hal-04552148v1>

2024 - Thanh Tam Nguyen-Huu, Ngoc-Sang Pham. FDI spillovers, New Industry Development, and Economic Growth. Journal of Public Economic Theory, 2024, 26 (1), pp.e12670. (10.1111/jpet.12670). (hal-04240260)  
<https://hal.science/hal-04240260v1>

2023 - Ngoc-Sang Pham. Some Lectures on Macroeconomics. 2023. (hal-04366349)  
<https://hal.science/hal-04366349v1>

2023 - Cuong Le Van, Ngoc-Sang Pham, Thi Kim Cuong Pham. Effects of development aid (grants and loans) on the economic dynamics of the recipient country. Mathematical Social Sciences, 2023, 125, pp.101-112. (10.1016/j.mathsocsci.2023.06.003). (hal-04240269)  
<https://hal.science/hal-04240269v1>

2023 - Ngoc-Sang Pham. Impacts of (individual and aggregate) productivity and credit shocks on equilibrium aggregate production. 22nd annual SAET Conference, Society for the Advancement of Economic Theory (SAET); Sorbonne Workshop in Economic Theory (SWET), Jul 2023, Paris, France. (halshs-04970228)  
<https://shs.hal.science/halshs-04970228v1>

2023 - Ngoc-Sang Pham. Intertemporal equilibrium with physical capital and financial asset: role of dividend taxation. Mathematical Social Sciences, 2023, 123, pp.95-104. (10.1016/j.mathsocsci.2023.03.002). (halshs-04033250)  
<https://shs.hal.science/halshs-04033250v1>

2023 - Cuong Le-Van, Ngoc Sang Pham, Thi Kim Cuong Pham. Effects of development aid (grants and

loans) on the economic dynamics of the recipient country. 2023. (hal-04159845)  
<https://hal.science/hal-04159845v1>

2022 - Thanh Le, Cuong Le Van, Ngoc-Sang Pham, Cagri Saglam. A Direct Proof of the Gale-Nikaido-Debreu Lemma Using Sperner's Lemma. *Journal of Optimization Theory and Applications*, 2022, 194 (3), pp.1072-1080. (10.1007/s10957-022-02067-2). (hal-03960256)  
<https://hal.science/hal-03960256v1>

2022 - Ngoc-Sang Pham. Impacts of (individual and aggregate) productivity and credit shocks on equilibrium aggregate production. 2022. (halshs-03686284)  
<https://shs.hal.science/halshs-03686284v1>

2022 - Ngoc-Sang Pham, Thi Kim Cuong Pham. Allocation and Effectiveness of Foreign Aid: An Overview. Cuong Le Van, Van Pham Hoang, Makoto Tawada (Eds). *International Trade, Economic Development, and the Vietnamese Economy*, 61, Springer Nature Singapore, pp.75-102, 2022, *New Frontiers in Regional Science: Asian Perspectives*, 978-9811905148. (10.1007/978-981-19-0515-5\_8). (hal-05180164)  
<https://hal.science/hal-05180164v1>

2022 - Stefano Bosi, Cuong Le Van, Ngoc-Sang Pham. Real indeterminacy and dynamics of asset price bubbles in general equilibrium. *Journal of Mathematical Economics*, 2022, 100, (10.1016/j.jmateco.2022.102651). (halshs-02993656v2)  
<https://shs.hal.science/halshs-02993656v2>

2021 - Thanh Le, Cuong Le Van, Ngoc-Sang Pham, Cagri Saglam. Direct Proofs of the Existence of Equilibrium, the Gale-Nikaido-Debreu Lemma and the Fixed Point Theorems using Sperner's Lemma. 2021. (halshs-02993655v2)  
<https://shs.hal.science/halshs-02993655v2>

2021 - Cuong Le Van, Ngoc-Sang Pham, Thi Kim Cuong Pham. Development loans, poverty trap, and economic dynamics. 2021. (halshs-03456281)  
<https://shs.hal.science/halshs-03456281v1>

2021 - Cuong Le Van, Ngoc-Sang Pham. Lecture Notes: Mathematics for Economics. 2021. (halshs-03328380v3)  
<https://shs.hal.science/halshs-03328380v3>

2021 - Thanh Tam Nguyen-Huu, Ngoc-Sang Pham. Escaping the middle income trap and getting economic growth: How does FDI can help the host country?. 2021. (halshs-03143087)  
<https://shs.hal.science/halshs-03143087v1>

2021 - Cuong Le Van, Ngoc-Sang Pham. Why Does Productivity Matter?. 2021. (halshs-03139392)  
<https://shs.hal.science/halshs-03139392v1>

2020 - Cuong Le Van, Ngoc-Sang Pham. Demand and equilibrium with inferior and Giffen behaviors. *Mathematical Social Sciences*, 2020, 103, pp.45-50. (10.1016/j.mathsocsci.2019.11.005). (hal-03261235)  
<https://paris1.hal.science/hal-03261235v1>

2020 - Ngoc-Sang Pham, Thi Kim Cuong Pham. Effects of foreign aid on the recipient country's economic growth. *Journal of Mathematical Economics*, 2020, 86, pp.52-68. (10.1016/j.jmateco.2019.11.004). (hal-02434995)  
<https://hal.univ-lorraine.fr/hal-02434995v1>

2019 - Ngoc-Sang Pham, Hien Pham. Effects of credit limit on efficiency and welfare in a simple

general equilibrium model. *International Journal of Economic Theory*, 2019, 17 (4), pp.446-470. (10.1111/ijet.12245). (hal-05498312)  
<https://hal.science/hal-05498312v1>

2019 - Ngoc Sang Pham, Thi Kim Cuong Pham. Foreign aid, recipient government's fiscal behavior, and economic growth. *Economics Bulletin*, 2019, 39, pp.2457-2466. (hal-03159220)  
<https://hal.science/hal-03159220v1>

2019 - Stefano Bosi, Thai Ha-Huy, Ngoc-Sang Pham. Rational bubbles in altruistic economies: when Tirole meets Ramsey. *Economics Bulletin*, 2019, 39, pp.816+. (hal-02878050)  
<https://hal.science/hal-02878050v1>

2018 - Cuong Le-Van, Thi-Do-Hanh Nguyen, Ngoc-Sang Pham, Binh Tran-Nam. A General Equilibrium Model in Which Consumption Takes Time. Tran-Nam Binh; Tawada Makoto; Okawa Masayuki. *Recent Developments in Normative Trade Theory and Welfare Economics. New Frontiers in Regional Science: Asian Perspectives*, 26, Springer, Singapore, pp.97-124, 2018, 978-981-10-8614-4. (10.1007/978-981-10-8615-1\_7). (hal-03260818)  
<https://paris1.hal.science/hal-03260818v1>

2018 - Stefano Bosi, Cuong Le Van, Ngoc-Sang Pham. Intertemporal equilibrium with heterogeneous agents, endogenous dividends and collateral constraints. 2018. (halshs-01223969v3)  
<https://shs.hal.science/halshs-01223969v3>

2018 - Stefano Bosi, Cuong Le Van, Ngoc-Sang Pham. Intertemporal equilibrium with heterogeneous agents, endogenous dividends and collateral constraints. *Journal of Mathematical Economics*, 2018, 76, pp.1-20. (10.1016/j.jmateco.2018.01.006). (halshs-03260777)  
<https://shs.hal.science/halshs-03260777v1>

2018 - Stefano Bosi, Thai Ha-Huy, Cuong Le Van, Cao-Tung Pham, Ngoc-Sang Pham. Financial bubbles and capital accumulation in altruistic economies. *Journal of Mathematical Economics*, 2018, 75, pp.125-139. (10.1016/j.jmateco.2018.01.003). (hal-02878049)  
<https://hal.science/hal-02878049v1>

2018 - Thanh Tam Nguyen-Huu, Ngoc-Sang Pham. Should the Host Economy Invest in a New Industry?. *Revue Economique*, 2018, 69 (1), pp.29-65. (hal-02901674)  
<https://normandie-univ.hal.science/hal-02901674v1>

2017 - Stefano Bosi, Cuong Le Van, Ngoc-Sang Pham. Asset bubbles and efficiency in a generalized two-sector model. *Mathematical Social Sciences*, 2017, 88, pp.37-48. (10.1016/j.mathsocsci.2017.05.001). (hal-03260731)  
<https://paris1.hal.science/hal-03260731v1>

2017 - Cuong Le Van, Stefano Bosi, Ngoc-Sang Pham. Rational land and housing bubbles in infinite-horizon economies. K. Nishimura, A. Venditti and N. Yannelis. *Sunspots and Non-Linear Dynamics - Essays in honor of Jean-Michel Grandmont*, Springer-Verlag, pp.203-230, 2017, *Studies in Economic Theory*. (halshs-01397606)  
<https://shs.hal.science/halshs-01397606v1>

2016 - Stefano Bosi, Ngoc-Sang Pham. Taxation, bubbles and endogenous growth. *Economics Letters*, 2016, 143, pp.73-76. (10.1016/j.econlet.2016.03.018). (hal-02877962)  
<https://hal.science/hal-02877962v1>

2016 - Stefano Bosi, Cuong Le Van, Ngoc-Sang Pham. Asset bubbles and efficiency in a generalized two-sector model. 2016. (halshs-01316876)  
<https://shs.hal.science/halshs-01316876v1>

- 2016 - Stefano Bosi, Cuong Le Van, Ngoc-Sang Pham. Rational land and housing bubbles in infinite-horizon economies. 2016. (halshs-01314609)  
<https://shs.hal.science/halshs-01314609v1>
- 2016 - Cuong Le Van, Ngoc-Sang Pham. Intertemporal equilibrium with financial asset and physical capital. *Economic Theory*, 2016, 62, pp.155-199. (10.1007/s00199-015-0881-z). (hal-01302382)  
<https://hal.science/hal-01302382v1>
- 2015 - Verónica Acurio Vásconez, Gaël Giraud, Florent Mc Isaac, Ngoc-Sang Pham. The effects of oil price shocks in a new-Keynesian framework with capital accumulation. *Energy Policy*, 2015, 86, pp.844-854. (10.1016/j.enpol.2015.04.016). (hal-01309299)  
<https://hal.science/hal-01309299v1>
- 2014 - Verónica Acurio Vásconez, Gaël Giraud, Florent Mc Isaac, Ngoc-Sang Pham. The Effects of Oil Price Shocks in a New-Keynesian Framework with Capital Accumulation. 2014. (halshs-01151642)  
<https://shs.hal.science/halshs-01151642v1>
- 2014 - Huu Thanh Tam Nguyen, Ngoc-Sang Pham. Should the host economy invest in a new industry? The roles of FDI spillovers, development level and heterogeneity of firms. 2014. (halshs-01147485)  
<https://shs.hal.science/halshs-01147485v1>
- 2014 - Pham Ngoc-Sang. Essays in general equilibrium with borrowing constraints, optimal growth, and FDI. *Economics and Finance*. Université Panthéon-Sorbonne - Paris I, 2014. English. (NNT : 2014PA010076). (tel-03745631)  
<https://theses.hal.science/tel-03745631v1>
- 2014 - Cuong Le Van, Ngoc-Sang Pham. Intertemporal equilibrium with financial asset and physical capital. 2014. (halshs-01147470v2)  
<https://shs.hal.science/halshs-01147470v2>
- 2014 - Stefano Bosi, Cuong Le Van, Ngoc-Sang Pham. Intertemporal equilibrium with production: bubbles and efficiency. 2014. (halshs-01020888)  
<https://shs.hal.science/halshs-01020888v1>
- 2013 - Ngoc-Sang Pham. Collateral monetary equilibrium with liquidity constraints in an infinite horizon economy. 2013. (halshs-00848057)  
<https://shs.hal.science/halshs-00848057v1>
- 2012 - Verónica Acurio Vasconez, Gaël Giraud, Florent Mc Isaac, Ngoc Sang Pham. Energy and Capital in a New-Keynesian Framework. 2012. (halshs-00827666)  
<https://shs.hal.science/halshs-00827666v1>