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Description

This PhD thesis consists of four papers, whose major aim is to analyse the role of education in an endogenous growth setting. The theoretical framework uses computable OLG models, where the behaviour of individuals is modelled within a lifecycle framework.

Firstly, in order to build computable general equilibrium models that are reliable for policy analysis, it is necessary to reproduce all major stylised facts that characterise lifecycle profiles, notably: i) the marked decline in consumption around retirement age; and, ii) in old age, financial wealth data drawn from surveys run down at a slower pace than that implied by usual formulations of the lifecycle theory of consumption. In the first paper, it is argued that a lifecycle framework can reproduce the above-mentioned facts if one assumes: i) uncertainty in the duration of life in a model with imperfect annuity markets; and, ii) existence of a “sufficiently” strong bequest motive.

Secondly, it is shown that education choices can play a major role in dampening the negative impact on economic growth of a decline in fertility. In the second paper, it is found that the growth assumption (endogenous versus exogenous) does matter. In an endogenous growth model driven by education, a negative demographic shock represents an “investment opportunity” in education. The rise in education, together with the externalities in human

capital formation bring about a permanent increase in labour productivity.

Thirdly, in an OLG model with an externality in the education sector, it is important to investigate the set of policies that decentralises the social optimum, depending on some major model assumptions. In the third paper, using calibrations that assume altruism, the results suggest that optimal policies involve basically: a) an education subsidy; and, b) a PAYG pension.

Fourthly, given the complementary of education and R&D, it is important to investigate if the adoption of optimal policies to correct a number of externalities causes a leverage effect on growth and welfare. The framework developed in the fourth paper provides for a numerical evaluation of the relative importance of two sources of inefficiency, namely: i) a “market-power” distortion, resulting from the mark-up pricing of intermediate goods; ii) versus the inefficiency in the allocation of resources caused by various “externalities”, affecting the education and R&D sectors.

Overall, the results obtained highlight the importance of treating human capital as an endogenous variable.

Aghion P. et P. Howitt (1998), *Endogenous Growth Theory*, Cambridge MA, MIT . A. et P. Michel (1994), *Education et croissance*, *Revue d'Économie Politique*, Enseignement . A closed-form solution of a two-sector endogenous growth model with habit . An Analytical Solution for a Model of Endogenous Growth.

In this paper, I develop an overlapping generations endogenous growth model in which both public education and health are sources of growth by affecting the.

Aghion P. and P. Howitt (1998), *Endogenous growth theory*, Cambridge, MA, MIT Press.

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We examine the issue of stability of stochastic endogenous growth. First, stochastic stability concepts are introduced and applied to stochastic linear.

This paper examines the relationship between environmental policy and growth when green preferences are endogenously determined by education and.

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Philippe, & Peter HOWITT (1992), « A model of growth through . ROMER, Paul (1990), « Endogenous technical change », in Journal of Endogenous Schooling Models . Human Capital and Growth Theory; Education, Human Capital and Risk; Other topics (School quality, The effects of Class.

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Système éducatif et bien-être social : faut-il subventionner l'éducation? . We deal with an OLG model in which human capital accumulation depends on two . Private Investment in Human Capital: Endogenous Growth and Income Inequality",.

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Aghion, P. et Howitt, P. (1998), Endogenous Growth Theory, MIT Press. Arrous . W.F et Simpson, N.B. (2004), << Public education expenditures and growth>>,. The objective of this paper is to describe how to model the policy instruments of . multi-sectoral dynamic general equilibrium model with endogenous growth.

To answer this question we have set up a structural model to study the . relationships between growth and FDI, and between FDI and the other endogenous.

In this paper, we test whether the growth experience of a sample of OECD . Solow model of exogenous growth, or with an endogenous growth model à la . long-run effect on output of one additional year of education (about 6-9%) is also.

. economic growth models, technological innovation and environmental sustainability. .. 2003 Endogenous growth and sustainable development: a critical . Nicolas A., Radja K. [Resilience, sustainable development and life-long education].

versions of a multi-sector endogenous growth model. It turns out that prices of .. Learning effects in the sense of Marshall (1920) belong to the category of.

This article proposes a convex dynamized general equilibrium model with endogenous growth due to human capital accumulation in an educational public.

d'éducation) et de l'investissement public sur la croissance en s'appuyant sur un ... AGHION P. et P. HOWITT (1998), Endogenous Growth Theory, MIT Press,.

the development of higher education than higher education on growth. This result .. Government spending in simple model of endogenous growth. NBER.

adequate framework to model the influence of education on growth. . when the lagged dependent variable is endogenous to the fixed effect in the error term.

30 mars 2015 . education is a synthetic discipline, comprising economics (theory, .. Jones, C., 1995, Time Series Tests of Endogenous Growth Models,.

Endogenous growth and the possibility of eliminating pollution. AB Reis . Lessons from Taking an AK Model to the Data . Success in higher education. P Silva.

economic growth in Morocco relying to the endogenous growth model of. Barro (1990). .. une consommation présente pour investir dans l'éducation. Ainsi, la.

des émissions par tête de dioxyde de carbone et l'éducation semble n'avoir aucun .. A. Hoeffler and J. Temple 1998, GMM Estimation of Empirical Growth Models, . Chatterji, M. 1992, "Convergence Clubs and Endogenous Growth", Oxford.

Harrod-Domar, Solow, and Romer growth models are discussed. The discussions ... this regard, Ghana invested heavily in universal education and infrastructure such as roads ... Paul Romer's theory on endogenous growth approaches.

Dynamic Duopoly with Learning. Through . Schumpeterian Growth Theory, Empirical Economics, 21, 13-25. 27. Aghion, P. .. Endogenous Political Institutions, . Aghion, Philippe et Peter Howitt (1998), Endogenous Growth Theory, MIT Press, . J. et Jong-Wha Lee (1993) « International Comparisons of Educational. Le débat relatif au rôle de l'éducation sur le processus de la croissance économique . hypothesis of endogenous growth in Lucas' [1988] model : human capital. The zero discounting and maximin optimal paths in a simple model of global . Endogenous Growth in Arrow's Learning by Doing Model , avec P. Michel, . A Closed-form Solution of a Two-sector Endogenous Growth Model with Habit Formation . XXI Century Education and its contribution to the employment rate of. "Jeux pédagogiques : vers un nouvel enseignement de la science . performances: An endogenous growth model" , Journal of Sports Economics, Vol. 4, n° 2. Abstract. We consider a three sector demoeconomic model and its interdependence with the accumulation of human capital and resources. The primary sector. Main Field: Macroeconomic Theory, Growth and Cycles . lie in the fields of endogenous growth and macroeconomic models with financial frictions. . Teaching: Academic Year 2016/2017: Théorie macroéconomique I : le court terme en. Education. Ph.D. in Economics, Sorbonne Paris Cité- Paris 13 University, February 2014. . Dissertation: Corruption Term in an Endogenous Growth Model. 21 mai 2017 . N°16-3 Taxation, bubbles and endogenous growth - S. Bosi et N.-S. Pham (pdf). N°16-2 . a Note on the Geometry in Spatial Growth Models - G. Fabbri (pdf) . N° 12-06 Les différents parcours offerts par l'Education Nationale. Abstract This paper puts forward an extended model of cumulative growth in . following the Kaldorian ideas of increasing returns of scale and endogenous. Testing Growth Models Using Panel Data from OECD Countries . Solow model of exogenous growth, or with an endogenous growth model à la . the estimated long-run effect on output of one additional year of education (about 6-9%) is also. Résumé : Ce document de travail s'intéresse aux liens entre éducation et . analyses the endogenous growth models which introduce the labor quality, . le prix de l'éducation, stimule l'accumulation de capital humain et encourage . This article surveys models of endogenous growth which are based on the. The first approach is devoted to the analysis of endogenous growth models with model Solow (1956) with taking the proxy of human capital/education. endogenous growth. Key words: Economic growth, stylized facts, economic growth models, .. "A new data set of educational attainment in the world. Agrégation de l'enseignement supérieur. 17 décembre . Education and social mobility. .. Gouvernement Spending in a monetary model of endogenous growth. RECHERCHE ET ENSEIGNEMENT / RESEARCH AND TEACHING INTERESTS . Economics of Science and Endogenous Growth Theory from the Fifties to the. La théorie de la croissance endogène a pour objet d'expliquer la croissance économique à .. économiques, Armand Colin, 2004, (ISBN 2-200-26432-1); Article Endogenous Growth Theory [archive] sur le site History of Economic Thought. Theory of Economic Growth, Oxford . Endogenous Growth, Journal of .. capital humain sous toutes ses formes : niveau d'éducation, d'expérience, santé. 2 juil. 2014 . . et communications), l'éducation et la santé ; autant d'éléments qui . a simple model of endogenous growth », Journal of Political Economy, . analysis of economic growth, applications of non-expected-utility models of decisionmaking under . "Rendement de l'Education et Choix des Instruments.

endogenous growth model? The weakness of the coefficient of determination (R^2) of the Solow model, around 50 %, indicates that there are other important factors.

ELIASSON, G. (2001), « The Role of Knowledge in Economic Growth », dans J.F. . Explaining Class Inequality in Education : the Swedish Test Case », dans R. . GEMMELL, N. (1995), « Endogenous Growth, the Solow Model and Human Capital Accumulation. This new composition would offer highest growth rate (average ... en capital physique alloués à l'éducation, restent très négligeables dans les .. Barro, R. J. (1990): «Government spending in a simple model of endogenous growth».

1999-2001 : Attaché temporaire à l'enseignement et à la recherche à .. Oueslati W. (2002), « Environmental Policy in an Endogenous Growth Model with Human Capital Accumulation. Our results indicate that the effect of educational access on the percentage of ... In this paper, we build an endogenous growth model describing a. «External constraints and endogenous growth: why didn't some countries benefit from . Real exchange rate and productivity in an OLG model», (2013) Volume 10. The econometric model in this article is presented in the form of a conditional . Keywords: exogenous growth, endogenous growth, brics countries, dynamic panel data, methods ... l'accumulation de capital humain grâce à l'éducation, rose by over 77 million (50 per cent) and much of this growth occurred between 2000 and 2010. .. immigrant children by establishing positive role models.

Le cas des inégalités de genre dans l'accès à l'éducation . Vial, Andres, afvial@uc.cl, Allyn A. Young (1876-1929) and Endogenous Growth Models, Recherche Économique de l'Université de Montréal. Growth under Education Externalities. Paul Makdissi*. Quentin Wodon†. August 2002. Abstract. Using an extension of Lucas' model of endogenous growth with human capital accumulation, historic, economic, legal, psychological, religious, economic, educational.. roots of .. endogenous growth models (Romer's models) (in discrete time version).

Awarded full Scholarship by the Tunisian ministry of research and education to .. o The human capital in the endogenous growth models, (Le capital humain). Les auteurs examinent la situation de l'éducation en milieu rural, dans de . Macro model of endogenous growth with economic impact of climate change, role of human capital accumulation. Expérience d'Enseignement. Depuis 2003 : Enseignant-Chercheur en Economie • Toulouse Business School; 2002-2003 : Enseignant Vacataire en Economie.

Expansion of Higher Education, Employment and Wages: Evidence from the Russian Transition .. Endogenous leadership in a federal country ... Intellectual property rights and growth in a North-South model of firm heterogeneity, innovation, .. Keywords : Economic integration, Education, Endogenous growth, Environmental .. A Social optimum in an OLG model with paternalistic altruism. 36.

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Nonlinear panel data model with expected a posteriori values of correlated . Endogenous Growth and Parental Funding of Education in an OLG Model with human capital accumulation. Niveaux d'éducation et croissance économique au Togo... . use the endogenous growth model: Solow model "increased" of the human capital developed by.

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Second, because education spending is a service and hence sectoral taxation . Public education; Two-sector model; Sectoral taxes; Endogenous growth.

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endogenous growth due to human capital accumulation in an educational . model show the positive effect of public spending in education on the long-term.

15 Feb 2010 . migration and its demographic and educational structures. . countries endogenous growth model based on Lucas (1988). He finds that the.

1 Jul 2010 . Recent empirical studies question the conventional wisdom on the importance of education for growth. This result comes partly from the fact that.

2 Robert M. Solow; A contribution to the theory of economic growth; the ... endogenous growth and educational subsidy: A theoretical analysis ; Research in.

Abstract. While in theory, the public spending on education and health are likely to generate productivity gains for rapid growth as predicted by the endogenous.

We examine the issue of stability of stochastic endogenous growth. First, stochastic stability concepts are introduced and applied to stochastic linear.

This PhD thesis consists of four papers, whose major aim is to analyse the role of education in an endogenous growth setting. The theoretical framework uses.

A Model of Economic Growth. . Chapter 4: Growth and convergence in the Solow Model - Slides . Chapter 5: Education, human capital and growth - Slides . Chapter 6: Endogenous saving behavior, and optimal growth (The Ramsey model).

27 juin 2016 . the basic assumptions of endogenous growth theory. Initial works .. d'éducation pénaliseraient la croissance par effet d'éviction. ▫ Justifier la.

Dès lors, même si l'éducation accroît la productivité du travail et accélère le .. of growth accounting, human capital theory, and endogenous growth theory ».

croissance [l'éducation, la R&D, la différenciation des biens, dépenses ... “Government Spending in a simple model of endogenous growth”, *Journal of Political*.

Public Education Spending, Sectoral Taxation and Growth. Marion Davin . Keywords : public education two-sector model sectoral taxes endogenous growth.

A Closed-form Solution of a Two-sector Endogenous Growth Model with Habit Formation . XXI Century Education and its contribution to the employment rate of.

. capital on socioeconomic outcomes such as education and economic growth. . Social capital, human capital and economic development: theoretical model.

Les problèmes de qualité de l'éducation ou de domaine de compétence du capital humain peuvent expliquer . To do this, we use endogenous growth models.

Pay-as-you-go financed public pensions in a model of endogenous growth . Risk, resources, and education: Public versus private financing of higher education.

existant entre éducation et croissance économique, car si la relation n'est plus à ... JONES C.I. (1995) “Time Series Tests of Endogenous Growth Models”,.

The Governance of Post-Secondary Education Systems in British Columbia and Ontario: Path

Dependence and . ReNEUAL Model Rules on EU Administrative Procedure ... Population, Pensions, and Endogenous Economic Growth Irmen.

economic growth in Morocco relying to the endogenous growth model of .. et donc de renoncer à une consommation présente pour investir dans l'éducation.

Government Spending on Education,. Human Capital Accumulation, and Growth. ... The Impact of Debt Reduction in an Endogenous Growth Model.

Livre : Livre Education In Endogenous Growth Models de Medeiros Joao Manuel, commander et acheter le livre Education In Endogenous Growth Models en.

Barro (1990) presented an endogenous growth model with productive public ... Garcia-Mila and Mcguire (1992) include inputs such as education and highways.

