

1,384 Views | 38 CrossRef citations to date | 0 Altmetric

Original Articles

Eclipse or reconfigured? South Korea's developmental state and challenges of the global knowledge economy

Yin-wah Chu

Pages 278-303 | Published online: 20 May 2009

Cite this article <https://doi.org/10.1080/03085140902786751>

Sample our
Economics, Finance,
Business & Industry Journals
>> [Sign in here](#) to start your access
to the latest two volumes for 14 days

Full Article Figures & data References Citations Metrics

Reprint

We Care About Your Privacy

We and our 912 partners store and access personal data, like browsing data or unique identifiers, on your device. Selecting "I Accept" enables tracking technologies to support the purposes shown under "we and our partners process data to provide," whereas selecting "Reject All" or withdrawing your consent will disable them. If trackers are disabled, some content and ads you see may not be as relevant to you. You can resurface this menu to change your choices or withdraw consent at any time by clicking the ["privacy preferences"] link on the bottom of the webpage [or the floating icon on the bottom-left of the webpage, if applicable]. Your choices will have effect within our Website. For more details, refer to our Privacy Policy. [Here](#)

We and our partners process data to provide:

I Accept

Reject All

Show Purpose



Abstract

Globalist

latter ha

knowled

cont

foreign

This arti

challeng

Focusing

interview

on its er

develop

that the

lobal

ny,

factors are

it obsolete.

and that the

even.

tary and

longer relies

ate

resources to

structure the market. Rather than going into eclipse, the Korean developmental state has been reconfigured.

Keywords:

Korea developmental state information technology knowledge economy globalization

Acknowledgements

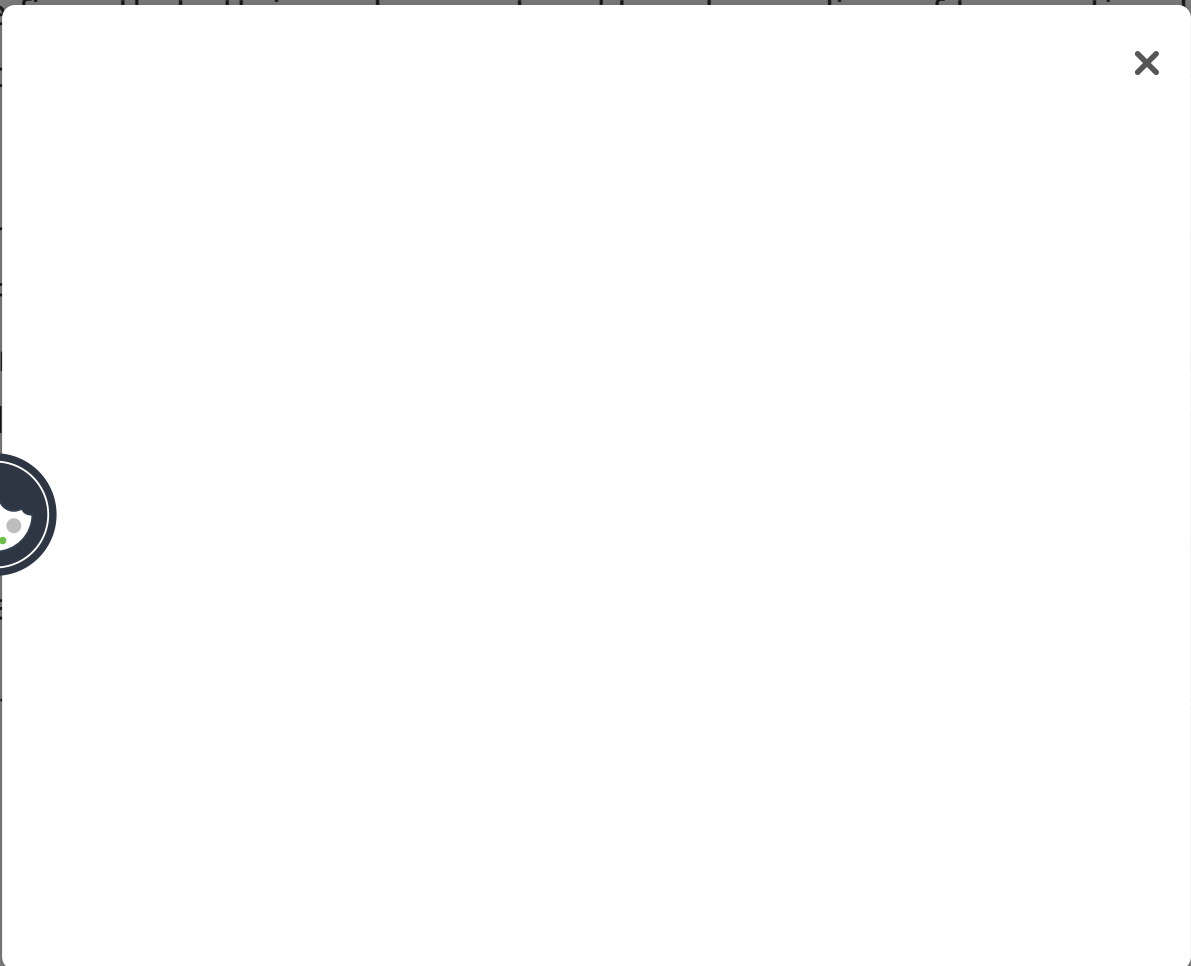
The author would like to thank the editor and two anonymous reviewers for their very helpful comments and suggestions. The research for this article was supported in part by the General Research Fund of the Research Grants Council of Hong Kong, Project Number 241308.

Notes

1. Even though Castells ([1996](#)) and Ó Riain ([2000b](#)) focus on information technology, they highlight knowledge as a source of productivity and examine networks that can facilitate... technology, their viewpoint... economy.'
2. Comp... commands will work... protocols and form... anging signals b... ssor's comm... h' (Morris & Ferg...
3. The a... is based mainly o... b).
4. The e... ure for 2002 rather th... times since 1997.



5. PPP means 'purchasing power parity,' a unit that supposedly reflects the real price level across countries, and is used for international comparisons in place of standard exchange rates.
6. Having highlighted the achievements of Korea and Ireland, it is important to note the absolute advantage of the United States and Japan. In 2002, the US contributed to 26.5 per cent of total global ICT production, while Japan contributed 16.3 per cent (OECD, [2004](#), p. 40). In 2003, the respective contributions of the US, Japan, Korea and Ireland to total OECD R&D expenditure were 42.1 per cent, 16.8 per cent, 3.6 per cent and 0.2 per cent, respectively (OECD, [2005](#), table A-2).
7. Korea also ranked first in broadband subscriptions, whereas Ireland ranked twenty-third. However, it did not perform well in the availability of professional IT services, the level of corporate web pages or email usage (KISDI, [2004](#)).
8. Major reorganization of the Korean government had taken place since President Lee Myung-bak took office in February 2008. The names of the ministries mentioned here have changed since then. See below.
9. It is notable that strategies adopted by the flexible developmental state (Ó Riain, [2000b](#)), including encouragement of technical education and provision of funding to software firms that attracted investment from the United States and other countries, were also adopted in Taiwan in the 1980s.
10. As the... two brief points. F... way in making... at the financial... enting with libera... enterprise (Hagg... at of the state tha... ed.
11. The... ed.
12. This... D to 7.366 CNY.



13. The interview with former Minister Chin was found on a Korea government website. Please refer to Chin ([2006](#)) for the citation.

14. The informants, who are not native English speakers, made a few grammatical errors during the interviews. The author does not try to make corrections when quoting the informants in this article.

15. The share of IT in all ventures hovered between 40 per cent and 47 per cent from 2000 to 2003 (Ko, forthcoming, pp. 18–19).

16. Joseph Wong has also argued for the importance of a ‘standard’ as a tool for the Taiwan government to regulate its biotechnology sector (personal communication, 28 May 2007).

17. Having said this, one should not rule out the importance of bank loans as a means to tame conglomerates. According to the director of a private think-tank, because Korean chaebols were not allowed to own more than 5 per cent of a bank, it was very difficult for them to raise capital. The stock exchange was also not a desirable venue to raise capital for a family-owned chaebol, which was why the government could still rely on bank loans, as a last resort, to control a chaebol (Interview, 1 August 2005).

18. Government resources can also be classified according to their ‘nature’ (e.g.

finance, ... covered in
the article ... Woo-
Cumings ... nd
regulatio ... matization
policy, w ... he Basic Act
on Inform ... making and
policy in ... ing laws to
make ... on society
and, ... r revised
(Ko, fort

19. Rega ... s also set up
a 4.4 bil ... nd
supporte ... ing).

20. In 20 ... nto the
‘Leading Technology Development Programme’, which supported such areas as next-

generation mobile communications, digital TV/broadcasting, optical subscriber networking and embedded software. In the same year, 11 per cent of funding was directed towards the 'Industrial Competitiveness Development Programme', the purpose of which was to support applied technologies that could be commercialized within a short period of time. The remaining 3 per cent was given to support young SMEs with innovative ideas (Ko, forthcoming).

Related research

People also read

Recommended articles

Cited by
38



Information for

- Authors
- R&D professionals
- Editors
- Librarians
- Societies

Opportunities

- Reprints and e-prints
- Advertising solutions
- Accelerated publication
- Corporate access solutions

Open access

- Overview
- Open journals
- Open Select
- Dove Medical Press
- F1000Research

Help and information

- Help and contact
- Newsroom
- All journals
- Books

Keep up to date

Register to receive personalised research and resources by email

 Sign me up

- 
- 
- 
- 
- 



Copyright

Accessib

Registered
5 Howick Pl

or & Francis Group
orma business

