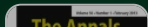


Home > The Annals of Regional Science > Article

# Economic complexity as network complication: Multiregional input-output structural path analysis

Original | Published: August 1998

Volume 32, pages 407–436, (1998) [Cite this article](#)



## Your privacy, your choice

We use essential cookies to make sure the site can function. We, and our 95 **partners**, also use optional cookies and similar technologies for advertising, personalisation of content, usage analysis, and social media.

By accepting optional cookies, you consent to allowing us and our partners to store and access personal data on your device, such as browsing behaviour and unique identifiers. Some third parties are outside of the European Economic Area, with varying standards of data protection. See our **privacy policy** for more information on the use of your personal data. Your consent choices apply to springer.com and applicable subdomains.

You can find further information, and change your preferences via 'Manage preferences'. You can also change your preferences or withdraw consent at any time via 'Your privacy choices', found in the footer of every page.

We use cookies and similar technologies for the following purposes:



- > **Store and/or access information on a device**
- > **Personalised advertising and content, advertising and content measurement, audience research and services development**

Accept all cookies

Reject optional cookies

Manage preferences

of the network complication is presented in two appendices, where the mathematical proofs can be found. It is expected that this analysis will provide a methodology that will be useful in understanding regional economic sustainability (i.e., spatial and temporal invariability), structural stability and structural changes in economic networks as well as providing insights into the role of internal and external trade between regions. To support this expectation, the detailed theoretical analysis of the block structural paths in the social accounting system is presented supplemented by economic analysis of the Indonesian social accounting matrices for 1975, 1980 and 1985.

 This is a preview of subscription content, [log in via an institution](#)  to check access.

## Your privacy, your choice

We use essential cookies to make sure the site can function. We, and our 95 **partners**, also use optional cookies and similar technologies for advertising, personalisation of content, usage analysis, and social media.

By accepting optional cookies, you consent to allowing us and our partners to store and access personal data on your device, such as browsing behaviour and unique identifiers. Some third parties are outside of the European Economic Area, with varying standards of data protection. See our **[privacy policy](#)** for more information on the use of your personal data. Your consent choices apply to [springer.com](#) and applicable subdomains.

You can find further information, and change your preferences via 'Manage preferences'. You can also change your preferences or withdraw consent at any time via 'Your privacy choices', found in the footer of every page.

We use cookies and similar technologies for the following purposes:

**Store and/or access information on a device**

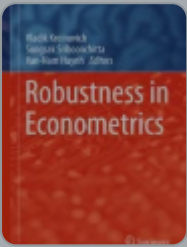
**Personalised advertising and content, advertising and content measurement, audience research and services development**

[Accept all cookies](#)

[Reject optional cookies](#)

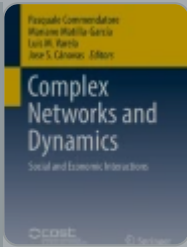
[Manage preferences](#)

Similar content being viewed by others



Key Economic Sectors and Their Transitions: Analysis of World Input-Output Network

Chapter | © 2017



The Empirics of Macroeconomic Networks: A Critical Review

Chapter | © 2016



Recasting Input-Output Networks in a Marxist Framework

Chapter | © 2024

Explore related subjects

Your privacy, your choice

We use essential cookies to make sure the site can function. We, and our 95 **partners**, also use optional cookies and similar technologies for advertising, personalisation of content, usage analysis, and social media.

By accepting optional cookies, you consent to allowing us and our partners to store and access personal data on your device, such as browsing behaviour and unique identifiers. Some third parties are outside of the European Economic Area, with varying standards of data protection. See our **privacy policy** for more information on the use of your personal data. Your consent choices apply to springer.com and applicable subdomains.

You can find further information, and change your preferences via 'Manage preferences'. You can also change your preferences or withdraw consent at any time via 'Your privacy choices', found in the footer of every page.

We use cookies and similar technologies for the following purposes:

**Store and/or access information on a device**

**Personalised advertising and content, advertising and content measurement, audience research and services development**

Accept all cookies

Reject optional cookies

Manage preferences

## Cite this article

Sonis, M., Hewings, G. Economic complexity as network complication: Multiregional input-output structural path analysis. *Ann Reg Sci* **32**, 407–436 (1998). <https://doi.org/10.1007/s001680050081>

Issue Date

August 1998

DOI

<https://doi.org/10.1007/s001680050081>

## Keywords

[Accounting System](#)

[Mathematical Proof](#)

[Economic Sustainability](#)

[Structural Path](#)

[Economic Network](#)

## Your privacy, your choice

We use essential cookies to make sure the site can function. We, and our 95 [partners](#), also use optional cookies and similar technologies for advertising, personalisation of content, usage analysis, and social media.

By accepting optional cookies, you consent to allowing us and our partners to store and access personal data on your device, such as browsing behaviour and unique identifiers. Some third parties are outside of the European Economic Area, with varying standards of data protection. See our [privacy policy](#) for more information on the use of your personal data. Your consent choices apply to [springer.com](https://www.springer.com) and applicable subdomains.

You can find further information, and change your preferences via 'Manage preferences'. You can also change your preferences or withdraw consent at any time via 'Your privacy choices', found in the footer of every page.

We use cookies and similar technologies for the following purposes:

### Store and/or access information on a device

**Personalised advertising and content, advertising and content measurement, audience research and services development**

[Accept all cookies](#)

[Reject optional cookies](#)

[Manage preferences](#)

## Your privacy, your choice

We use essential cookies to make sure the site can function. We, and our 95 [partners](#), also use optional cookies and similar technologies for advertising, personalisation of content, usage analysis, and social media.

By accepting optional cookies, you consent to allowing us and our partners to store and access personal data on your device, such as browsing behaviour and unique identifiers. Some third parties are outside of the European Economic Area, with varying standards of data protection. See our [privacy policy](#) for more information on the use of your personal data. Your consent choices apply to [springer.com](#) and applicable subdomains.

You can find further information, and change your preferences via 'Manage preferences'. You can also change your preferences or withdraw consent at any time via 'Your privacy choices', found in the footer of every page.

We use cookies and similar technologies for the following purposes:

**Store and/or access information on a device**

**Personalised advertising and content, advertising and content measurement, audience research and services development**

[Accept all cookies](#)

[Reject optional cookies](#)

[Manage preferences](#)