

C (C)

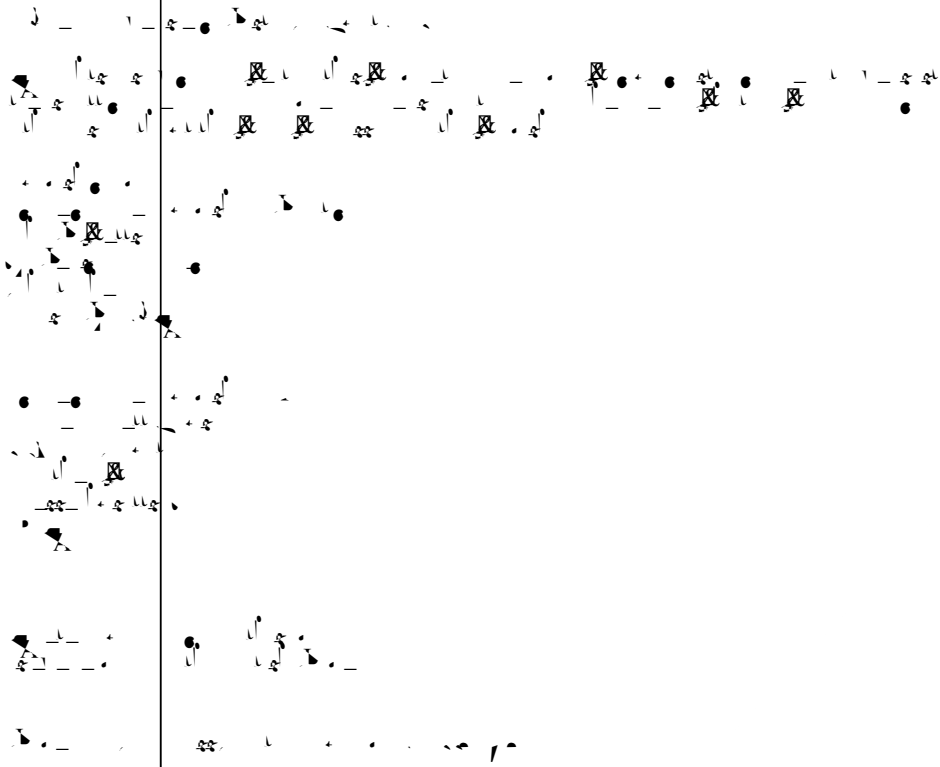


C

(C)

Edward Elgar



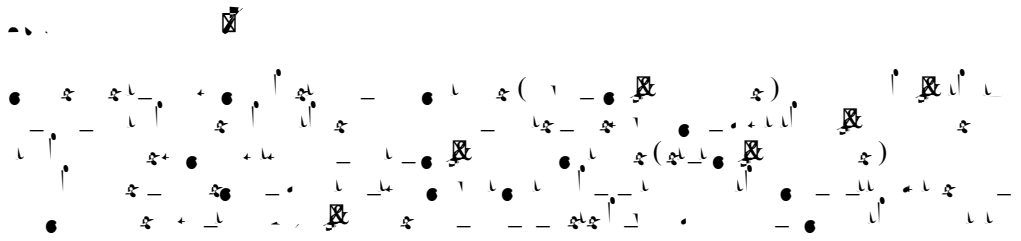


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1 Introduction: Designing Induced Technological Change Models and Estimating Their Parameters

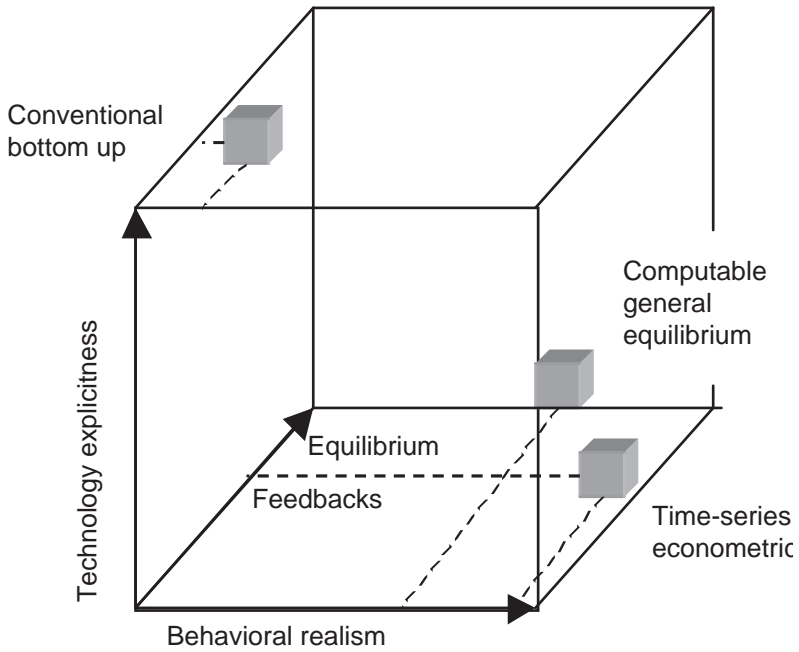
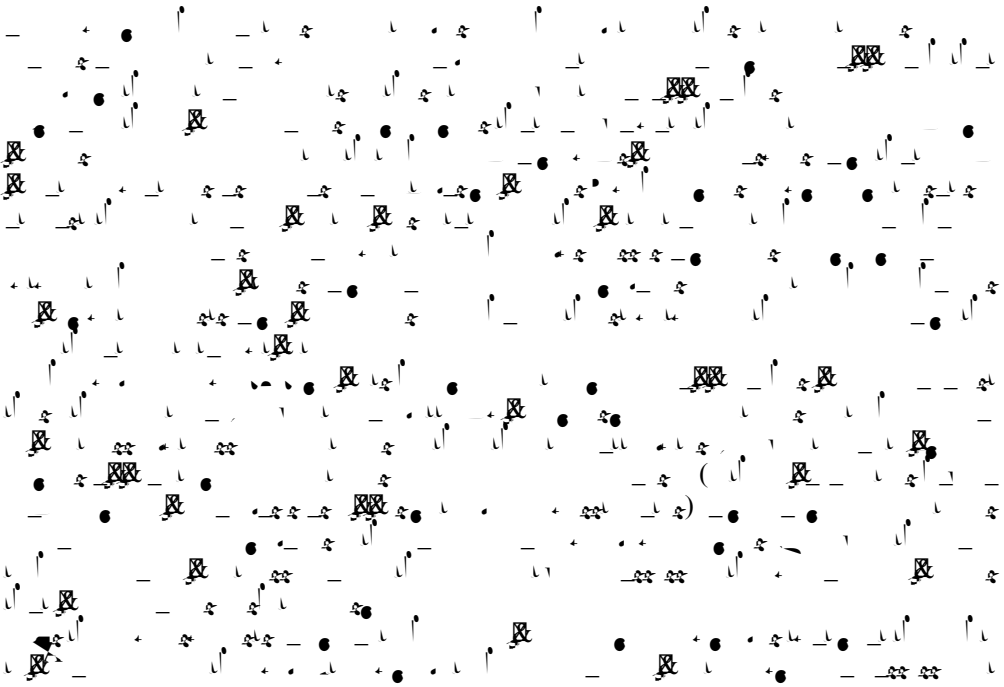
The following text is a dense, repetitive pattern of symbols and characters, including letters, numbers, and mathematical symbols, arranged in a grid-like structure. It appears to be a corrupted or heavily stylized version of a document page, possibly containing mathematical formulas or technical specifications. The symbols are scattered across the page, with some appearing in clusters and others in isolation. The overall appearance is that of a highly complex and abstract visual representation of text.



This page of musical notation is a complex score, likely for a piano or organ. It features multiple staves of music with various note values, rests, and dynamic markings. The notation is dense and includes several instances of notes enclosed in boxes, possibly indicating specific performance techniques or editorial changes. The piece is in C major, as indicated by the 'C' at the top left. The page number '7' is located at the top right. The notation includes a variety of note heads, stems, and beams, along with rests and dynamic markings such as 'p' and 'f'. There are also some unusual symbols, possibly representing ornaments or specific articulations. The overall appearance is that of a detailed and intricate musical score.

Handwritten musical score on a page with a large, faint watermark. The score is written on ten staves. The notation includes notes, rests, and various symbols, including a large 'X' watermark that is repeated across the page. The watermark is a stylized, large 'X' shape that is semi-transparent and covers most of the page. The musical notation is dense and appears to be a complex piece of music, possibly a symphony or a large-scale work. The notes are written in black ink on a white background. The staves are horizontal lines, and the notes are placed on and between these lines. There are also some symbols that look like 'X' or 'Y' scattered throughout the score, which might be part of the notation or just the watermark. The overall appearance is that of a handwritten musical manuscript.

C

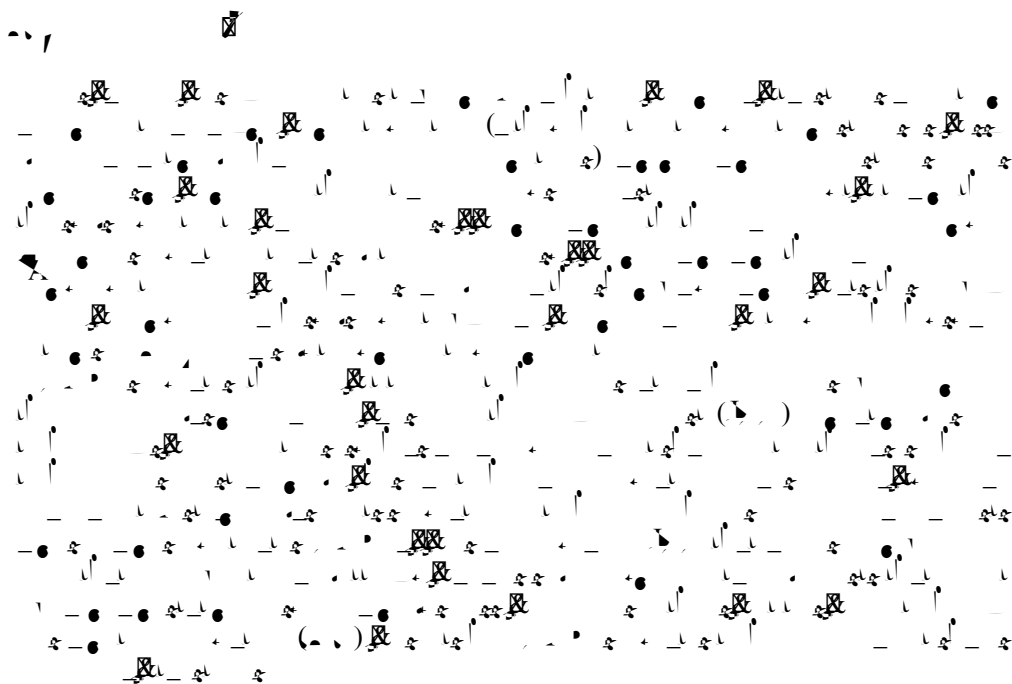


Small text or symbols at the bottom left of the page.

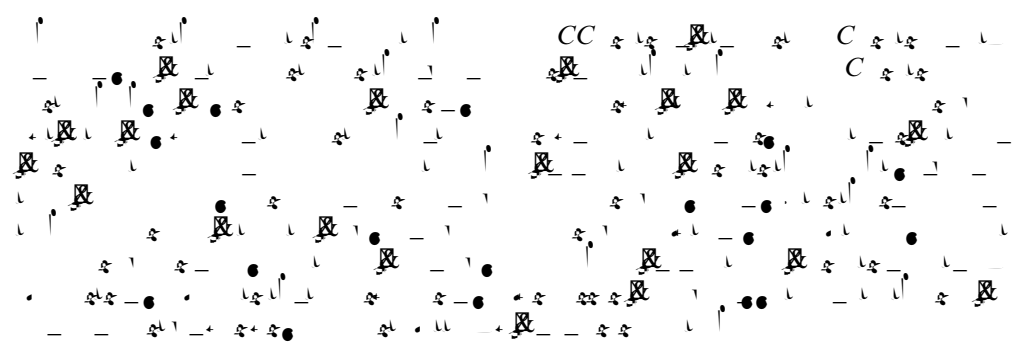
C



This image shows a complex musical score, likely a manuscript or a specialized notation system. It consists of approximately 10 horizontal staves. The notation is dense and includes a variety of symbols: solid black dots, vertical stems, horizontal lines, and some symbols that resemble musical notes or rests. There are also several instances of a square symbol with a cross inside (☒), which appears to be a specific notation or a marker. The overall appearance is that of a highly detailed and intricate musical composition or a technical diagram.



$$= \frac{cCC^* \frac{1}{1 - (+)^{-}} + C + C + d}{\sum_{i=1}^n e_i cCC^* \frac{1}{1 - (+)^{-}} + C + C + d} \quad (2.2)$$



A complex musical score consisting of approximately 12 staves. The notation includes treble and bass clefs, various note values (quarter, eighth, sixteenth notes), rests, and dynamic markings such as mf , f , and ff . The score is densely packed with musical symbols and includes some parenthetical markings like (\dots) .

Estimating technological parameters

A second complex musical score, similar in style to the first, consisting of approximately 12 staves. It features treble and bass clefs, various note values, rests, and dynamic markings such as mf , f , and ff . The notation is dense and includes parenthetical markings like (\dots) .

1.



This page of musical notation is for a piece in C major, indicated by the 'C' at the top left. The score is written on a single system of a grand staff, consisting of a soprano staff (treble clef) and a bass staff (bass clef). The music is characterized by a high density of notes, including many sixteenth and thirty-second notes, creating a complex and rhythmic texture. There are several instances of dynamic markings, such as 'p' (piano) and 'f' (forte), interspersed throughout the piece. The notation includes various rests, accidentals, and phrasing slurs. The piece concludes with a double bar line and repeat dots. The overall style is that of a classical or romantic-era composition, possibly a study or a short piece for a single instrument.

□

$$= \beta + \beta_{CC}CC + \beta_c C + \beta_c C + \beta \quad (2.2)$$

$$\begin{aligned} & \dots \\ & \dots \\ & \dots \end{aligned}$$

$$() = \frac{r}{\sum r} \quad (2.3)$$

$$\begin{aligned} & \dots \\ & \dots \\ & \dots \\ & \dots \\ & \dots \end{aligned}$$

$$= \frac{\beta_{CC}}{\beta_c} \quad (2.4)$$

$$\begin{aligned} & \dots \\ & \dots \\ & \dots \\ & \dots \end{aligned}$$

$$= \frac{\beta}{\beta_c} \quad (2.5)$$

$$\begin{aligned} & \dots \\ & \dots \\ & \dots \\ & \dots \end{aligned}$$

C

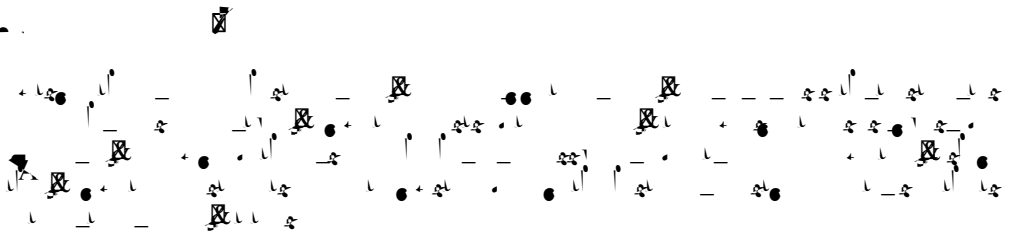
This image displays a complex musical score, likely for a multi-instrument ensemble or a large choir. The score is organized into several systems, each containing multiple staves. The notation includes a variety of note values, rests, and dynamic markings. Several instances of notes with square boxes around them are visible, possibly indicating specific performance techniques or recording markers. The score is written in a standard musical notation style, with a key signature of one flat (B-flat) and a common time signature (C). The overall layout is dense and detailed, typical of a professional musical manuscript.

This image shows a complex musical score, likely for a multi-instrument ensemble or a large choir. It consists of several staves of music, each containing various notes, rests, and markings. The notation is dense and includes many accidentals, such as flats and naturals. There are also several instances of the symbol '☒' (a square with an 'X' inside) scattered throughout the score, possibly indicating specific performance instructions or corrections. The score is written in a traditional musical notation style, with notes placed on a five-line staff. The overall appearance is that of a professional musical manuscript or a detailed score for a performance.

C

♩

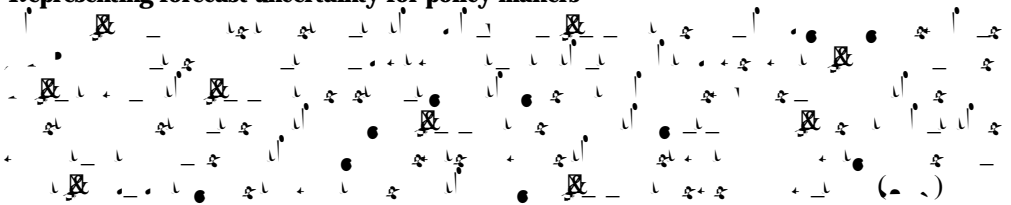
Handwritten musical notation on a five-line staff. The notation includes various note values (quarter, eighth, sixteenth notes), rests, and dynamic markings such as 'f' and 'p'. A large 'C' is written at the top left, and a '♩' symbol is at the top right. The music is written in a cursive, handwritten style.



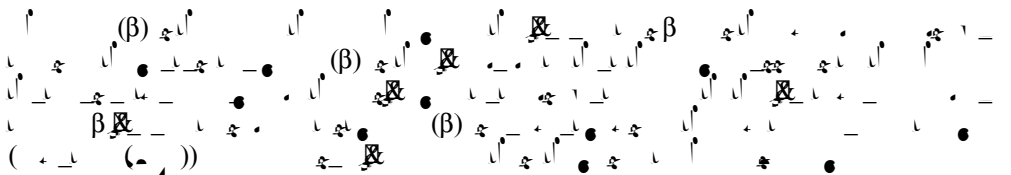
4 Some Sample Applications



Representing forecast uncertainty for policy makers



$$(\beta) = \sum_{i=1}^n \frac{[(\beta)]}{n} \quad (4.1)$$



$\frac{\partial \ln \bar{Y}}{\partial \ln \bar{K}} = \frac{\partial \ln \bar{Y}}{\partial \ln \bar{L}} = \frac{\partial \ln \bar{Y}}{\partial \ln \bar{H}} = \frac{\partial \ln \bar{Y}}{\partial \ln \bar{E}} = \frac{\partial \ln \bar{Y}}{\partial \ln \bar{A}} = \frac{\partial \ln \bar{Y}}{\partial \ln \bar{M}} = \frac{\partial \ln \bar{Y}}{\partial \ln \bar{N}} = \frac{\partial \ln \bar{Y}}{\partial \ln \bar{O}} = \frac{\partial \ln \bar{Y}}{\partial \ln \bar{P}} = \frac{\partial \ln \bar{Y}}{\partial \ln \bar{Q}} = \frac{\partial \ln \bar{Y}}{\partial \ln \bar{R}} = \frac{\partial \ln \bar{Y}}{\partial \ln \bar{S}} = \frac{\partial \ln \bar{Y}}{\partial \ln \bar{T}} = \frac{\partial \ln \bar{Y}}{\partial \ln \bar{U}} = \frac{\partial \ln \bar{Y}}{\partial \ln \bar{V}} = \frac{\partial \ln \bar{Y}}{\partial \ln \bar{W}} = \frac{\partial \ln \bar{Y}}{\partial \ln \bar{X}} = \frac{\partial \ln \bar{Y}}{\partial \ln \bar{Y}} = 1$

Estimating long-run ESub and AEEI values for CGE modelling

The following table provides the estimated long-run ESub and AEEI values for CGE modelling. The values are presented in a grid format, with rows representing different variables and columns representing different parameters. The values are generally small, indicating a low sensitivity of the long-run ESub and AEEI values to the parameters.

Variable	Parameter	Value
ESub	\bar{K}	0.0001
	\bar{L}	0.0001
	\bar{H}	0.0001
	\bar{E}	0.0001
	\bar{A}	0.0001
	\bar{M}	0.0001
	\bar{N}	0.0001
	\bar{O}	0.0001
	\bar{P}	0.0001
	\bar{Q}	0.0001
AEEI	\bar{K}	0.0001
	\bar{L}	0.0001
	\bar{H}	0.0001
	\bar{E}	0.0001
	\bar{A}	0.0001
	\bar{M}	0.0001
	\bar{N}	0.0001
	\bar{O}	0.0001
	\bar{P}	0.0001
	\bar{Q}	0.0001

Forecasting a portfolio of climate-related ITC policies

5 Conclusion

Handwritten musical score with multiple staves. The score includes various musical notations such as notes, rests, and clefs. Several measures are numbered in parentheses, including 20(), 23(), 31(), 17(), 11(), 24(), 20(), 22(), 23(), 11(), 43(), 68(), 17(), 23(), 12(), 26(), and 29(). The notation is dense and appears to be a complex piece of music.

