

A New Labor Theory of Value for Rational Planning Through Use of the Bourgeois Profit Rate

C. C. Von Weizsäcker and Paul A. Samuelson [Authors Info & Affiliations](#)

June 15, 1971 | 68 (6) 1192-1194 | <https://doi.org/10.1073/pnas.68.6.1192>

PDF/EPUB



Abstract

To maximize steady-state per capita consumptions, goods should be valued at their “synchronized labor requirement costs”, which are shown to deviate from Marx's schemata of “values” but to coincide with bourgeois prices calculated at dated labor requirements, marked-up by compound interest, at a profit or interest rate equal to the system's rate of exponential growth. With capitalists saving all their incomes for future profits, workers get all there is to get. Departures from such an exogenous, or endogenous, golden-rule state are the rule in history rather than the exception. In the case of exponential labor-augmenting change, it is shown that competitive prices will equal historically embodied labor content.

Continue Reading

VIEW PDF

[DOWNLOAD PDF](#)

Further reading in this issue

RESEARCH ARTICLE | JUNE 15, 1971 |

Experiments on Osmosis with Magnetic Fluid

P. F. Scholander and M. Perez

RESEARCH ARTICLE | JUNE 15, 1971 |

Induction of Translocations in Mature *Drosophila* Oocytes Over a Dose Range of 10-500 Roentgens of X-Rays

S. Abrahamson, P. Gullifor, [...] J. Voigtlander

RESEARCH ARTICLE | JUNE 15, 1971 |

In Vitro Transformation of Rodent Cells by K-Region Derivatives of Polycyclic Hydrocarbons

Trending

RESEARCH ARTICLE | MARCH 3, 2025 | 

Brain aging shows nonlinear transitions, suggesting a midlife “critical window” for metabolic intervention

Age-related cognitive decline is associated with metabolic, vascular, and inflammatory changes, making it challenging to...
Botond B. Antal, Helena van Nieuwenhuizen, [...] Lilianne R. Mujica-Parodi

RESEARCH ARTICLE | JUNE 11, 2018 | 

Neural network retuning and neural predictors of learning success associated with cello training

In sophisticated auditory–motor learning such as musical instrument learning, little is understood about how brain...
Indiana Wollman, Virginia Penhune, [...] Robert J. Zatorre

RESEARCH ARTICLE | DECEMBER 30, 2013 | 

Bodily maps of emotions

Emotions coordinate our behavior and physiological states during survival-salient events and pleasurable interactions. Ev...
Lauri Nummenmaa, Enrico Glerean, [...] Jari K. Hietanen

Sign up for the PNAS Highlights newsletter

Get in-depth science stories sent to your inbox twice a month.

name@example.com

SUBSCRIBE >

PNAS Proceedings of the
National Academy of Sciences
of the United States of America



BROWSE

- CURRENT ISSUE
- PNAS NEXUS
- SPECIAL FEATURES
- LIST OF ISSUES
- COLLECTED PAPERS
- PNAS IN THE NEWS
- FRONT MATTER
- JOURNAL CLUB
- MULTIMEDIA
- PODCASTS

INFORMATION

- ABOUT
- SUSTAINABLE DEVELOPMENT GOALS
- EDITORIAL BOARD
- AUTHORS
- REVIEWERS
- SUBSCRIBERS
- LIBRARIANS
- PRESS
- COZZARELLI PRIZE
- PNAS UPDATES