

Publication

Amazing discovery : Vincenz Bronzin's Option Pricing Models

JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)

ID 72127

Author(s) Hafner, Wolfgang; Zimmermann, Heinz

Author(s) at UniBasel [Zimmermann, Heinz](#) ;

Year 2007

Title Amazing discovery : Vincenz Bronzin's Option Pricing Models

Journal Journal of Banking and Finance

Volume 31

Number 2

Pages / Article-Number 531-546

Keywords option pricing, premium contracts, history of option pricing theory, Trieste, evolution and socio-economic, impact of financial models

In 1908, Vincenz Bronzin, a professor of mathematics at the Accademia di Commercio e Nautica in Trieste, published a booklet in German entitled Theorie der Prämiengeschäfte (Theory of Premium Contracts) which is an old type of option contract. Almost like Bachelier's now famous dissertation (1900) [Bachelier, Louis, 1900, 1964. Théorie de la speculation, Annales Scientifiques de l' Ecole Normale Supérieure, Paris, Ser. 3, 17, pp. 21–88. (English translation in: The random character of stock market prices (Ed. Paul Cootner), MIT-Press (1964), pp. 17–79)], the work seems to have been forgotten shortly after it was published. However, almost every element of modern option pricing can be found in Bronzin's book. In particular, he uses the normal distribution to derive a pricing equation which comes surprisingly close to the Black–Scholes–Merton formula.

Publisher North-Holland

ISSN/ISBN 0378-4266

edoc-URL <http://edoc.unibas.ch/dok/A5250428>

Full Text on edoc Restricted;

Digital Object Identifier DOI 10.1016/j.jbankfin.2006.07.003

Document type (ISI) Article