

Conferences > 1998 Winter Simulation Confer... ?

# Accelerated simulation for pricing Asian options

Publisher: IEEE

Cite This

PDF

F.J. Vazquez-Abad ; D. Dufresne All Authors

22Cites in Papers

48Full Text Views

Alerts

Manage Content Alerts  
Add to Citation Alerts

Abstract	<div><div></div><div>Down</div><div>PDF</div></div>
Authors	
References	<div><b>Abstract:</b>When pricing options via Monte Carlo simulations, precision can be improved either by performing longer simulations, or by reducing the variance of the estimators. Two me... <b>View more</b></div>
Citations	
Keywords	<div><b>► Metadata</b> <b>Abstract:</b> When pricing options via Monte Carlo simulations, precision can be improved either by performing longer simulations, or by reducing the variance of the estimators. Two methods for variance reduction are combined: the control variable and the change of measure (or likelihood) methods. We specifically consider Asian options, and show that a change of measure can very significantly improve the precision when the option is deeply out of the money, which is the harder estimation problem. We also show that</div>
Metrics	
More Like This	

This website utilizes technologies such as cookies to enable essential site functionality, as well as for analytics, personalization, and targeted advertising purposes. You may change your settings at any time or accept the default settings. You may close this banner to continue with only essential cookies. [Privacy Policy](#)

Storage Preferences

Targeted Advertising

Personalization

Analytics

Save

Accept All

Reject All

Authors	▼
References	▼
Citations	▼
Keywords	▼
Metrics	▼

This website utilizes technologies such as cookies to enable essential site functionality, as well as for analytics, personalization, and targeted advertising purposes. You may change your settings at any time or accept the default settings. You may close this banner to continue with only essential cookies. [Privacy Policy](#)

Storage Preferences

- ☐ Targeted Advertising
- ☐ Personalization
- ☐ Analytics

Save

Accept All

Reject All

IEEE Account

- » Change Username/Password
- » Update Address

Purchase Details

- » Payment Options
- » Order History
- » View Purchased Documents

Profile Information

- » Communications Preferences
- » Profession and Education
- » Technical Interests

Need Help?

- » **US & Canada:** +1 800 678 4333
- » **Worldwide:** +1 732 981 0060
- » Contact & Support

This website utilizes technologies such as cookies to enable essential site functionality, as well as for analytics, personalization, and targeted advertising purposes. You may change your settings at any time or accept the default settings. You may close this banner to continue with only essential cookies. [Privacy Policy](#)

Storage Preferences

- ☐ Targeted Advertising
- ☐ Personalization
- ☐ Analytics

Save

Accept All

Reject All