



The Wronskian parameterizes the class of diffusions with a given distribution at a random time

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(Submitted on 3 Jun 2012 (v1), last revised 27 Jun 2012 (this version, v3))

We provide a complete characterization of the class of one-dimensional time-homogeneous diffusions consistent with a given law at an exponentially distributed time using classical results in diffusion theory. To illustrate we characterize the class of diffusions with the same distribution as Brownian motion at an exponentially distributed time.

Subjects: **Probability (math.PR)**; Pricing of Securities (q-fin.PR)
 MSC classes: 60J60, 91G80
 Cite as: **arXiv:1206.0482 [math.PR]**
 (or **arXiv:1206.0482v3 [math.PR]** for this version)

Submission history

From: Martin Klimmek [[view email](#)]

[v1] Sun, 3 Jun 2012 19:34:53 GMT (392kb,D)

[v2] Wed, 6 Jun 2012 15:53:49 GMT (392kb,D)

[v3] Wed, 27 Jun 2012 16:15:17 GMT (393kb,D)

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