
ERRATA

**An Obstacle to Building a Time Machine
[Phys. Rev. Lett. 68, 263 (1992)]**

Sean M. Carroll, Edward Farhi, and Alan H. Guth

In the note added to our paper, we claimed that in a closed $(2+1)$ -dimensional universe it is possible to build a Gott time machine from the decays of initially static particles. Although we did show how to construct a pair of particles with a relative velocity exceeding the Gott condition, which therefore has a total momentum that is spacelike (tachyonic), it was pointed out to us by 't Hooft that the whole universe nonetheless collapses before a time traveler can encircle the pair. We confirmed his result in all examples we considered. 't Hooft [1] has now presented a construction for showing this result in greater generality. We thank him for graciously keeping us informed of his work prior to publication.

The conclusions in the body of our paper are not affected.

[1] G. 't Hooft, "Causality in $(2+1)$ -Dimensional Gravity," Report No. THU-92/01, January 1992 (to be published).

**Dynamics of Banded Structure Formation in Rapid Solidification
[Phys. Rev. Lett. 68, 2616 (1992)]**

Alain Karma and Armand Sarkissian

The left-hand side of Eq. (4) on p. 2617 should read $C_L(t)/2$ instead of $C_L(t)$. All analytical and numerical calculations were performed with the correct left-hand side $[C_L(t)/2]$ and consequently all results presented in this Letter are unaltered.