

How not to get lost while on a random walk

Robert Lewand
Department of mathematics & Computer Science
Goucher College
1021 Dulaney Valley Road Baltimore MD 21204
blewand@goucher.edu

Abstract

What happens if you go on a random walk? Will you ever return home? Well, sometimes yes (probably) and sometimes no (probably). During this talk we will derive some elementary identities in favor you're not getting lost while on a random walk.