

Correlation Between Guided Grip Force and Perceived Exertion for males

李開偉

Industrial Management

Management

kai@chu.edu.tw

Abstract

The significance of slipping and falling has been well-established in the literature [1-3]. The factors affecting the slip-resistance of footwear such as footwear and floor materials, floor surface conditions, and shoe sole tread design have been discussed in the literature [4, 5]. However, most of the investigations were conducted using new footwear and floor materials. The new and used footwear may have different slip-resistance and other features. The objective of this study was to compare the coefficient of friction (COF) and abrasion of new and used outsoles for two types of footwear.

Keyword : Slips and falls, slip resistance, used shoes, friction measurement